

# Summer 2009 Learning Options

COURSE#	START DATE	END DATE	INSTRUCTOR	CLASS TIME	CLASS DAYS	LOCATION
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## DISTANCE EDUCATION

<b>ANTH</b>	<b>M01 Biological Anthropology</b> .....					<b>3.00 Units</b>
54914	05/19/2008	06/12/2008	COLLINS DP	12.00 HRS/WK	ARR	WEB
<b>AST M01</b>	<b>An Introduction to Astronomy</b> .....					<b>3.00 Units</b>
<i>RECOMMENDED PREPARATION: MATH M01 or equivalent college course, or high school equivalent.</i>						
54194	06/01/2008	07/24/2008	BECHT B	8.00 HRS/WK	ARR	WEB
53549	07/01/2008	07/24/2008	BECHT B	12.00 HRS/WK	ARR	WEB
51741	06/16/2008	07/24/2008	BECHT B	8.00 HRS/WK	ARR	TV
53525	05/19/2008	06/12/2008	HARPER CD	12.75 HRS/WK	ARR	TV
<b>BUS M02C</b>	<b>Managerial Accounting</b> .....					<b>3.00 Units</b>
<i>PREREQUISITE: BUS M02B</i>						
54664	06/16/2008	08/06/2008	STEWART AM	7.00 HRS/WK	ARR	WEB
<b>BUS M28</b>	<b>Business English</b> .....					<b>3.00 Units</b>
54042	06/14/2008	08/02/2008	PUTNAM LM	7.00 HRS/WK	ARR	WEB
<b>BUS M30</b>	<b>Introduction Business and Economics</b> .....					<b>3.00 Units</b>
54665	06/14/2008	08/02/2008	BRANCA SA	7.00 HRS/WK	ARR	WEB
<b>BUS M32</b>	<b>Small Business Management</b> .....					<b>3.00 Units</b>
54959	06/14/2008	08/02/2008	SUMAL NS	6.00 HRS/WK	ARR	WEB
<b>BUS M37</b>	<b>Marketing</b> .....					<b>3.00 Units</b>
54960	06/14/2008	08/02/2008	SUMAL NS	6.00 HRS/WK	ARR	WEB
<b>BUS M39</b>	<b>Business Communications</b> .....					<b>3.00 Units</b>
53612	06/14/2008	08/02/2008	BRANCA SA	6.00 HRS/WK	ARR	WEB
<b>COL M01</b>	<b>College Strategies</b> .....					<b>3.00 Units</b>
54065	06/16/2008	07/24/2008	LOISELLE L	9.00 HRS/WK	ARR	WEB
<b>ECON M02</b>	<b>Principles of Macroeconomics</b> .....					<b>3.00 Units</b>
51799	06/14/2008	08/02/2008	GUCCIARDO P	6.50 HRS/WK	ARR	TV
<b>ECON M30</b>	<b>Introduction To Business and Economics</b> .....					<b>3.00 Units</b>
54793	06/14/2008	08/02/2008	BRANCA SA	7.00 HRS/WK	ARR	WEB
<b>GEOG M10</b>	<b>Geography of California</b> .....					<b>3.00 Units</b>
54920	06/16/2008	08/07/2008	MENARY JA	6.50 HRS/WK	ARR	WEB
<b>HED M07</b>	<b>Personal Health</b> .....					<b>3.00 Units</b>
51658	05/19/2008	06/14/2008	HALLERAN RF	13.00 HRS/WK	ARR	TV
53614	06/14/2008	08/02/2008	HALLERAN RF	6.50 HRS/WK	ARR	TV
<b>HIST M07A</b>	<b>Social And Political History of the United States</b> .....					<b>3.00 Units</b>
53762	06/14/2008	08/02/2008	HOPKINS RB	6.50 HRS/WK	ARR	TV
<b>HIST M07B</b>	<b>Social And Political History of the United States</b> .....					<b>3.00 Units</b>
54737	05/17/2008	06/07/2008	HOPKINS RB	13.00 HRS/WK	ARR	TV
<b>HIST M20A</b>	<b>World History I</b> .....					<b>3.00 Units</b>
54579	06/16/2008	07/21/2008	COLMAN PR	8.50 HRS/WK	ARR	WEB
<b>HS M17</b>	<b>Health Care Ethics</b> .....					<b>3.00 Units</b>
53113	06/16/2008	07/21/2008	VELAS CA	9.00 HRS/WK	ARR	WEB
<b>HS M19</b>	<b>Medical Terminology</b> .....					<b>3.00 Units</b>
52629	05/19/2008	07/03/2008	BYRNE DJ	7.00 HRS/WK	ARR	WEB
52879	05/19/2008	07/03/2008	BURKARD PA	7.00 HRS/WK	ARR	WEB
54648	06/16/2008	07/03/2008	SHUBERT BR	10.00 HRS/WK	ARR	WEB
53887	06/16/2008	08/01/2008	BYRNE DJ	7.00 HRS/WK	ARR	WEB
<b>HS M23</b>	<b>Pharmacology for Allied Health Professional</b> .....					<b>2.00 Units</b>
54176	06/16/2008	08/01/2008	NANTROUP SL	5.00 HRS/WK	ARR	WEB
<b>HS M25</b>	<b>Introduction to Pathophysiology</b> .....					<b>4.00 Units</b>
53067	05/19/2008	03/30/2008	LOISELLE L	9.50 HRS/WK	ARR	WEB

Some class offerings and room assignments may have changed since printing this schedule.

Please see the web for the most up to date class schedule at: <http://students.vccd.edu/scheds.htm>.

# Summer 2009 Learning Options

COURSE#	START DATE	END DATE	INSTRUCTOR	CLASS TIME	CLASS DAYS	LOCATION
<b>HUM M07</b>	<b>Humanities through the Arts.....</b>					<b>3.00 Units</b>
54063	06/16/2008	08/07/2008	GARBER NB	6.00 HRS/WK	ARR	TV
<b>PHIL M01</b>	<b>Introduction To Philosophy .....</b>					<b>3.00 Units</b>
51903	06/14/2008	08/02/2008	THIEL D	6.50 HRS/WK	ARR	TV
<b>PHSC M01</b>	<b>Principles of Physical Science.....</b>					<b>3.00 Units</b>
<i>PREREQUISITE: MATH M03</i>						
54628	06/16/2008	07/24/2008	BECHT B	8.00 HRS/WK	ARR	WEB
<b>PHSO M01</b>	<b>Human Physiology .....</b>					<b>5.00 Units</b>
<i>PREREQUISITE: Biol M02A or Biol M01, and Chem M01A or M12 or high school Chemistry all with a grade of C or better</i>						
54933	05/19/2008	06/26/2008	CHEROSKE AG	20.00 HRS/WK	ARR	WEB
54626	05/19/2008	06/26/2008	CHEROSKE AG	20.00 HRS/WK	ARR	WEB
54190	06/23/2008	07/31/2008	MARTEN NW	20.00 HRS/WK	ARR	WEB
<b>POLS M03</b>	<b>American Government and Politics.....</b>					<b>3.00 Units</b>
51909	06/14/2008	08/02/2008	HERMAN RM	6.50 HRS/WK	ARR	TV
<b>PSY M01</b>	<b>Introduction To Psychology.....</b>					<b>3.00 Units</b>
51810	06/14/2008	08/02/2008	PONCE-O 'ROURKE SA	6.50 HRS/WK	ARR	TV
53318	05/19/2008	06/26/2008	LENAHAN J	9.00 HRS/WK	ARR	WEB
53390	07/07/2008	08/07/2008	LENAHAN J	9.00 HRS/WK	ARR	WEB
<b>PSY M04</b>	<b>Child Psychology.....</b>					<b>3.00 Units</b>
53320	06/14/2008	08/02/2008	PONCE-O 'ROURKE	6.50 HRS/WK	ARR	TV
<b>PSY M07</b>	<b>Developmental Psychology (Life Span).....</b>					<b>3.00 Units</b>
53322	05/19/2008	07/10/2008	BIANCHINO FS	6.00 HRS/WK	ARR	TV
<b>PSY M20</b>	<b>Intimacy, Relationships, and Commitment .....</b>					<b>3.00 Units</b>
53324	06/14/2008	08/02/2008	BARNETT-SHELBY	6.50 HRS/WK	ARR	TV
<b>SOC M01</b>	<b>Introduction Sociology .....</b>					<b>3.00 Units</b>
53340	06/14/2008	08/02/2008	MCDILL LG	6.50 HRS/WK	ARR	TV
<b>SOC M02</b>	<b>Social Problems.....</b>					<b>3.00 Units</b>
53400	05/19/2008	06/26/2008	FRATELLO CM	9.00 HRS/WK	ARR	WEB
<b>SOC M04</b>	<b>Intimacy, Relationships and Commitment .....</b>					<b>3.00 Units</b>
53342	06/14/2008	08/02/2008	BARNETT-SHELBY C	9.00 HRS/WK	ARR	WEB
<b>THA M01</b>	<b>Introduction to the Theatre.....</b>					<b>3.00 Units</b>
54545	06/16/2008	08/07/2008	AUGUSZTINEY E	6.00 HRS/WK	ARR	WEB
54546	06/16/2008	08/07/2008	LOPRIENO j	6.00 HRS/WK	ARR	WEB
54121	06/16/2008	08/07/2008	FAGAN SJ	6.00 HRS/WK	ARR	WEB
54825	06/16/2008	08/07/2008	KENNEDY EJ	6.00 HRS/WK	ARR	WEB

New, easy on-line payment plan - **eCASHIER**

See page 147 for more information or visit WebSTAR at [www.vccd.edu/webstar](http://www.vccd.edu/webstar)

# SUMMER 2009 COURSE SCHEDULE

COURSE#	START DATE	END DATE	INSTRUCTOR	CLASS TIME	CLASS DAYS	LOCATION
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## ANATOMY

<b>ANAT M01 Human Anatomy.....</b>						<b>4.00 Units</b>
<i>PREREQUISITE: BIOL M01 or BIOL M02A or equivalent.</i>						
53695	05/26/2009	06/25/2009	SHARGO ES	08:00am-02:50pm	MTWTh	LMC-228
54931	06/15/2009	07/30/2009	LE MK	05:30pm-09:45pm	MTWTh	LMC-228
53864	06/29/2009	07/30/2009	SHARGO ES	08:00am-02:50pm	MTWTh	LMC-228

## ANATOMY/PHYSIOLOGY

<b>ANPH M01 Human Anatomy and Physiology .....</b>						<b>6.00 Units</b>
<i>PREREQUISITE: BIOL M01 OR BIOL M02A</i>						
54451	05/26/2009	07/30/2009	CORNISH MJ	05:30pm-09:45pm	MTWTh	LMC-220

## ANIMAL SCIENCE

<b>ANSC M60BL Primate Behavior Lab.....</b>						<b>1.00 Unit</b>
55046	05/26/2009	07/07/2009	WILSON CH	09:00am-12:50pm	MT	ZOO-2
52999	05/28/2009	07/10/2009	WILSON CH	09:00am-12:50pm	ThF	ZOO-2

## ANTHROPOLOGY

<b>ANTH M01 Biological Anthropology.....</b>						<b>3.00 Units</b>
<i>OTHER: Students cannot complete both ANTH M01 and ANTH M01H (Honors) courses because credit will only be awarded to the first course completed.</i>						
54029	05/26/2009	06/18/2009	FREIER M	08:00am-11:15am	MTWTh	FH-120
50792	06/22/2009	07/27/2009	MATTSON P	08:00am-10:15am	MTWTh	FH-217
54644	06/22/2009	07/27/2009	NUGER RL	10:30am-12:45pm	MTWTh	PS-115
55021	06/22/2009	07/27/2009	FOX DP	8.50 HRS/WK	ARR	WEB

NOTE: CRN 55021 This is an on-line class. All course work will be delivered in an on-line format including: weekly quizzes, weekly discussion (posts and responses to classmates from instructor-generated essay-styled questions synthesizing course materials), and a project. Students will need basic computer skills including word processing (Microsoft Word, etc.), use of the Internet, and email. Because all assignments are time sensitive, students will need access to a computer with Internet several times a week with enough time allotted to complete the discussion posts, quizzes, tests, etc.

52858	06/22/2009	08/05/2009	RALEIGH M	06:30pm-09:45pm	MW	PS-204
<b>ANTH M01L Physical Anthropology Lab .....</b>						<b>1.00 Unit</b>
<i>PREREQUISITE: Completion of or concurrent enrollment in ANTH M01</i>						
54024	05/26/2009	06/18/2009	FREIER M	NOON-03:15pm	MTWTh	LMC-219
53188	06/22/2009	07/27/2009	NUGER RL	01:00pm-03:15pm	MTWTh	LMC-219
53691	06/22/2009	08/06/2009	RALEIGH M	06:30pm-09:45pm	TTh	LMC-219

<b>ANTH M02 Cultural Anthropology.....</b>						<b>3.00 Units</b>
51037	05/26/2009	06/18/2009	ROMANIUK TA	NOON-03:15pm	MTWTh	FH-217
54913	05/26/2009	06/18/2009	ROMANIUK TA	06:30pm-09:45pm	MTWTh	FH-217
54786	07/06/2009	07/29/2009	LIPMAN K	NOON-03:15pm	MTWTh	FH-114

<b>ANTH M04 Chicano Culture.....</b>						<b>3.00 Units</b>
54454	06/22/2009	07/27/2009	LIZAMA SA	01:00pm-03:15pm	MTWTh	HSS-239

<b>ANTH M11 The Anthropology of Magic, Witchcraft and Religion .....</b>						<b>3.00 Units</b>
53187	06/22/2009	07/27/2009	MATTSON P	10:30am-12:45pm	MTWTh	FH-217

## ART

<b>ART M10 Art Appreciation.....</b>						<b>3.00 Units</b>
54299	06/22/2009	07/27/2009	ZORASTER KE	08:00am-10:15am	MTWTh	FH-120
54300	06/23/2009	07/30/2009	ETMAN LF	07:00pm-09:50pm	TWTh	HSS-111

<b>ART M11 History of Art: Prehistoric through Gothic.....</b>						<b>3.00 Units</b>
54298	06/22/2009	07/27/2009	ZORASTER KE	11:00am-01:15pm	MTWTh	FH-119

<b>ART M20 Two Dimensional Design.....</b>						<b>3.00 Units</b>
54301	06/22/2009	07/27/2009	NELL S	08:00am-11:50am	MTWTh	AA-124

<b>ART M30 Drawing and Composition I</b>						<b>3.00 Units</b>
54314	06/22/2009	07/30/2009	SWIGGER GR	08:00am-12:50pm	MTWTh	FORU-147

<b>ART M31 Drawing and Composition II .....</b>						<b>3.00 Units</b>
<i>PREREQUISITE: ART M30</i>						
54315	06/22/2009	07/30/2009	SWIGGER GR	08:00am-12:50pm	MTWTh	FORU-147

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COURSE#	START DATE	END DATE	INSTRUCTOR	CLASS TIME	CLASS DAYS	LOCATION
<b>ART M70 Beginning Ceramics I ..... 3.00 Units</b>						
<i>RECOMMENDED PREPARATION: Art M72</i>						
54302	05/26/2009	07/02/2009	SCOTT DJ	08:00am-12:50pm	MTWTh	T-114
<b>ART M71 Beginning Ceramics II ..... 3.00 Units</b>						
<i>PREREQUISITE: ART M70</i>						
54303	05/26/2009	07/02/2009	SCOTT DJ	08:00am-12:50pm	MTWTh	T-114
<b>ART M72 Ceramic Design I ..... 3.00 Units</b>						
<i>PREREQUISITE: ART M20 and ART M71</i>						
54304	05/26/2009	07/02/2009	SCOTT DJ	08:00am-12:50pm	MTWTh	T-114
<b>ART M73 Ceramic Design II ..... 3.00 Units</b>						
<i>PREREQUISITES: ART M72</i>						
54305	05/26/2009	07/02/2009	SCOTT DJ	08:00am-12:50pm	MTWTh	T-114

## ASTRONOMY

<b>AST M01 An Introduction to Astronomy ..... 3.00 Units</b>						
<i>RECOMMENDED PREPARATION: MATH M01 or equivalent college course, or high school algebra.</i>						
53524	05/26/2009	06/18/2009	HARPER CD	08:00am-11:15am	MTWTh	PS-202
51741	05/26/2009	06/18/2009	WALLINGFORD R	01:00pm-04:15pm	MTWTh	PS-202
53525	05/26/2009	06/18/2009	HARPER CD	13.00 HRS/WK	ARR	TV
NOTE: CRN 53525 is a televideo course. DVD's and texts can be purchased in the campus Bookstore. This is a web-enhanced class with required homework done on-line. The class will meet in PS-202 from 7-9:50 pm on 5/26/09 for Orientation; 6/6/09 for Midterm; Review and Final will be on 6/18/09.						
54194	06/22/2009	07/27/2009	BECHT B	8.50 HRS/WK	ARR	WEB
NOTE: CRN 54194 is an online class. All course work, including all exams, are online. To take this class you must have access to a computer and be comfortable using it. You must have basic skills in word processing, email and in navigating the Internet. Please log onto <a href="http://sunny.moorparkcollege.edu/~bbeckt">http://sunny.moorparkcollege.edu/~bbeckt</a> for further information before the class starts.						
50395	06/22/2009	08/05/2009	FRASER SP	06:30pm-09:45pm	MW	PS-202
53549	07/06/2009	07/29/2009	BECHT B	13.00 HRS/WK	ARR	WEB
NOTE: CRN 53549 is an online class. All course work, including all exams, are online. To take this class you must have access to a computer and be comfortable using it. You must have basic skills in word processing, email, and in navigating the Internet. Please log onto <a href="http://sunny.moorparkcollege.edu/~bbeckt">http://sunny.moorparkcollege.edu/~bbeckt</a> for further information before the class starts.						

<b>AST M01L Introduction to Astronomy Laboratory ..... 1.00 Unit</b>						
<i>PREREQUISITE: AST M01 or AST M02 completion or concurrent enrollment</i>						
53538	05/26/2009	06/18/2009	WALLINGFORD R	07:30pm-10:45pm	MTWTh	HS-111A
53526	05/26/2009	06/18/2009	JANDORF HR	07:30pm-10:45pm	MTWTh	HS-111B
52757	06/23/2009	08/06/2009	SOMERS JM	07:30pm-10:45pm	TTh	HS-111B
50400	06/23/2009	08/06/2009	JANDORF HR	07:30pm-10:45pm	TTh	HS-107A

## BIOLOGY

<b>BIOL M01 Introduction to Biology ..... 4.00 Units</b>						
54437	05/26/2009	07/02/2009	PIRES DB	16.00 HRS/WK	ARR	WEB
NOTE: CRN 54437 is an online course. Lectures will be delivered daily from 8-10am. Lectures will be posted weekly. Students will be responsible for completing weekly computer-based exercises on their own. Exams will be given on campus on pre-determined Mondays. Students unable to come to campus can make arrangements with the instructor. Students will be required to purchase supplies to perform some wet labs at home. Field trips to nature sites in the student's locale will be taken outside of regular class hours.						
54025	06/22/2009	07/30/2009	MCADAM TM	09:00am-10:50am	MTWTh	LMC-220
	AND			11:00am-12:50pm	MTWTh	LMC-137
55201	06/22/2009	07/30/2009	MC ADAM	11:00am-12:50pm	MTWTh	LMC-137
	AND			01:30pm-03:20pm	MTWTh	LMC-220
50794	06/22/2009	07/30/2009	VALLEJO B	03:00pm-04:50pm	MTWTh	LMC-218
	AND			05:00pm-06:50pm	MTWTh	LMC-227
51321	06/22/2009	07/30/2009	VALLEJO B	05:00pm-06:50pm	MTWTh	LMC-227
	AND			07:30pm-09:20pm	MTWTh	LMC-218
<b>BIOL M02A General Biology I ..... 5.00 Units</b>						
<i>PREREQUISITES: MATH M03 or 2 years of high school algebra or equivalent and CHEM M12 or high school chemistry all with a C or better.</i>						
54968	05/26/2009	07/09/2009	JOHNSON J	11:30am-1:45pm	MTWTh	FH-120
	AND			02:00pm-03:50pm	MTWTh	LMC-217
55099	06/22/2009	08/06/2009	PARHAMI SEREN B	03:30pm-05:20pm	MTWTh	FH-120
	AND			06:00pm-07:50pm	MTWTh	LMC-217
50799	06/22/2009	08/06/2009	AZIMPOUR TABRIZI	05:30pm-07:45pm	MTWTh	FH-115
	AND			08:00pm-09:50pm	MTWTh	LMC-217

<b>BIOL M02B General Biology II ..... 5.00 Units</b>						
<i>PREREQUISITE: BIOL M02A.</i>						
51809	06/22/2009	08/06/2009	PIRES DB	09:00am-11:15am	MTWTh	FH-115
	AND			11:30am-01:20pm	MTWTh	LMC-220
<b>BIOL M16 Human Biology ..... 3.00 Units</b>						
50798	05/26/2009	06/18/2009	TUSLER JA	NOON-03:15pm	MTWTh	FH-114

COURSE#	START DATE	END DATE	INSTRUCTOR	CLASS TIME	CLASS DAYS	LOCATION
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## BIOTECHNOLOGY

<b>BIOT M50A Bridge to Biotechnology..... 0.50 Unit</b>						
<i>Same course as BIOL M50A</i>						
55079	06/22/2009	06/26/2009	STAFF	09:00am-01:50pm	MTWThF	LMC-217

## BUSINESS

<b>BUS M01A Accounting Procedures I..... 3.00 Units</b>						
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<b>RECOMMENDED PREPARATION: MATH M09 and BUS M28 or ENGL M02</b>						
51617	06/22/2009	08/06/2009	FURRELL W	06:30pm-09:45pm	TTh	LMC-137
	AND			3.50 HRS/WK	ARR	WEB

NOTE: CRN 51617 meets on campus 3.5 hours per week and on-line 3.5 hours per week. The on-line hours are taken via the Internet and personal computer. The Moorpark College Open Access Computer Lab is available to students who need access to a computer and the Internet. To take this course, you must be comfortable using a computer, have basic word processing, email and Internet navigational skills, and be familiar with chat rooms. Go to [www.moorparkcollege.edu](http://www.moorparkcollege.edu), click on the WebSTAR button and then click on WebSTAR services link. Login using your student ID# (9 digit number beginning with 900) and 6 digit PIN number. Click on the WebCT/Blackboard Vista link, then click the Launch WebCT Vista button. Be sure to perform a browser check by clicking the Check Browser link in the upper right corner of the screen. You may contact your instructor by email at [wfurrell@vcccd.edu](mailto:wfurrell@vcccd.edu).

<b>BUS M02A Financial Accounting I..... 3.00 Units</b>						
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<b>RECOMMENDED PREPARATION: BUS M01A and BUS M30 and MATH M09 and BUS M28 or ENGL M02. (BUS M02A + M02B + M02C)</b>						
51618	06/22/2009	08/06/2009	HOFFING RJ	06:30pm-09:45pm	TTh	HSS-101

<b>BUS M02B Financial Accounting II ..... 3.00 Units</b>						
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<b>PREREQUISITE: BUS M02A.</b>						
53606	06/22/2009	08/06/2009	BATISTA AM	06:30pm-09:45pm	MW	T-216
	AND			3.50 HRS/WK	ARR	WEB

NOTE: CRN 53606 meets on campus 3.5 hours per week and on-line 3.5 hours per week. The on-line hours are taken via the Internet and personal computer. The Moorpark College Open Access Computer Lab is available to students who need access to a computer and the Internet. To take this course, you must be comfortable using a computer, have basic word processing, email and Internet navigational skills, and be familiar with chat rooms. Go to [www.moorparkcollege.edu](http://www.moorparkcollege.edu), click on the WebSTAR button and then click on WebSTAR services link. Login using your student ID# (9 digit number beginning with 900) and 6 digit PIN number. Click on the WebCT/Blackboard Vista link, then click the Launch WebCT Vista button. Be sure to perform a browser check by clicking the Check Browser link in the upper right corner of the screen. You may contact your instructor by email at [abatista@vcccd.edu](mailto:abatista@vcccd.edu).

<b>BUS M02C Managerial Accounting..... 3.00 Units</b>						
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<b>PREREQUISITE: BUS M02A and BUS M02B.</b>						
54664	06/22/2009	08/06/2009	BATISTA AM	7.00 HRS/WK	ARR	WEB

NOTE: CRN 54664 is an on-line course taken via the Internet and personal computer. The Moorpark College Open Access Computer Lab is available to students who need access to a computer and the Internet. To take this course, you must be comfortable using a computer and have basic word processing, email, and Internet navigation skills, and be familiar with chat rooms. Go on-line at [www.moorparkcollege.edu](http://www.moorparkcollege.edu), click on the WebSTAR button and then click on WebSTAR Services. Login using your 900 student ID# and WebSTAR pin number. Blackboard will recognize only the first 6 digits of your pin and is case sensitive. Contact your instructor by the first day of class via email at [abatista@vcccd.edu](mailto:abatista@vcccd.edu).

<b>BUS M04 Personal Finance ..... 3.00 Units</b>						
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<b>RECOMMENDED PREPARATION: BUS M28 or ENGL M02</b>						
53940	06/22/2009	08/06/2009	ZAND S	06:30pm-09:45pm	MW	FH-114

<b>BUS M28 Business English..... 3.00 Units</b>						
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54042	06/22/2009	08/06/2009	PUTNAM LM	7.00 HRS/WK	ARR	WEB
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NOTE: CRN 54042 is an on-line course taken via the Internet and personal computer. The Moorpark College Open Access Computer Lab is available to students who need access to a computer and the Internet. To take this course, you must be comfortable using a computer and have basic word processing, email, and Internet navigation skills. Go on-line at [www.moorparkcollege.edu](http://www.moorparkcollege.edu), click on the WebSTAR button and then click on WebSTAR services. Login using your 900 student ID# and WebSTAR pin number. Blackboard will recognize only the first 6 digits of your pin and is case sensitive. Contact your instructor by the first day of class via email at [lputnam@vcccd.edu](mailto:lputnam@vcccd.edu).

<b>BUS M30 Introduction to Business and Economics ..... 3.00 Units</b>						
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<b>RECOMMENDED PREPARATION: BUS M28 or ENGL M02</b>						
54665	06/22/2009	08/06/2009	BRANCA SA	7.00 HRS/WK	ARR	WEB

NOTE: CRN 54665 is an on-line course taken via the Internet and personal computer. The Moorpark College Open Access Computer Lab is available to students who need access to a computer and the Internet. To take this course, you must be comfortable using a computer, have basic word processing, email, and Internet navigation skills, and be familiar with chat rooms. Go online at [www.moorparkcollege.edu](http://www.moorparkcollege.edu) click on WebSTAR services. Login using your 900 student ID# and WebSTAR pin number. Blackboard will recognize only the first 6 digits of your pin and is case sensitive. Contact your instructor by the first day of class via email at [sbranca@vcccd.edu](mailto:sbranca@vcccd.edu).

Some class offerings and room assignments may have changed since printing this schedule.

COURSE#	START DATE	END DATE	INSTRUCTOR	CLASS TIME	CLASS DAYS	LOCATION
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**BUS M31 Introduction to Management..... 3.00 Units**

**RECOMMENDED PREPARATION:** BUS M30/ECON M30 and BUS M28 or ENGL M02.

54663	05/25/2009	06/19/2009	WEAVER TL	06:30pm-09:45pm	MW	LMC-137
	PLUS			7.00 HRS/WK	ARR	WEB

NOTE: CRN 54663 meets on campus 7.0 hours per week and on-line 7.0 hours per week. The on-line hours are taken via the Internet and personal computer. The Moorpark College Open Access Computer Lab is available to students who need access to a computer and the Internet. To take this course, you must be comfortable using a computer, have basic word processing, email and Internet navigational skills, and be familiar with chat rooms. Go on-line at [www.moorparkcollege.edu](http://www.moorparkcollege.edu), click on the WebSTAR button and then click on WebSTAR services. Login using your 900 student ID# and WebSTAR pin number. Blackboard will recognize only the first 6 digits of your PIN and is case sensitive You may contact your instructor by email at [tweaver@vcccd.edu](mailto:tweaver@vcccd.edu).

**BUS M32 Small Business Management..... 3.00 Units**

**PREREQUISITE:** CD M02, CD M03, CD M11 & one of the following: CD M06, CD M07, CD M08, CD M09, or CD M10.

54959	06/22/2009	08/06/2009	SUMAL NS	7.00 HRS/WK	ARR	WEB
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NOTE: CRN 54959 is an on-line course taken via the Internet and a personal computer. The Moorpark College Open Access Computer Lab is available to students who need access to a computer and the Internet. To take this course, you must be comfortable using a computer, have basic word processing, email, and Internet navigation skills, and be familiar with chat rooms. Go on-line at [www.moorparkcollege.edu](http://www.moorparkcollege.edu) click on WebSTAR services. Login using your 900 student ID# and WebSTAR pin number. Blackboard will recognize only the first 6 digits of your pin and is case sensitive. Contact your instructor by the first day of class via email at [nsumal@vcccd.edu](mailto:nsumal@vcccd.edu).

**BUS M33 Business Law ..... 3.00 Units**

**RECOMMENDED PREPARATION:** BUS M28 or ENGL M02

51612	06/22/2009	08/06/2009	BURNETTE R	06:30pm-09:45pm	MW	T-109
	AND		FURRELL W	3.50 HRS/WK	ARR	WEB

NOTE: CRN 51612 meets on campus 3.5 hours per week and on-line 3.5 hours per week. The on-line hours are taken via the Internet and personal computer. The Moorpark College Open Access Computer Lab is available to students who need access to a computer and the Internet. To take this course, you must be comfortable using a computer, have basic word processing, email and Internet navigational skills, and be familiar with chat rooms. Go to [www.moorparkcollege.edu](http://www.moorparkcollege.edu), click on the WebSTAR button and then click on WebSTAR services link. Login using your student ID# (9 digit number beginning with 900) and 6 digit PIN number. Click on the WebCT/Blackboard Vista link, then click the Launch WebCT Vista button. Be sure to perform a browser check by clicking the Check Browser link in the upper right corner of the screen. You may contact your instructor by email at [wfurrell@vcccd.edu](mailto:wfurrell@vcccd.edu).

**BUS M37 Marketing ..... 3.00 Units**

**RECOMMENDED PREPARATION:** BUS M30/ECON M30 and BUS M28 or ENGL M02

54960	06/22/2009	08/06/2009	SUMAL NS	7.00 HRS/WK	ARR	WEB
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NOTE: CRN 54960 is an on-line course taken via the Internet and a personal computer. The Moorpark College Open Access Computer Lab is available to students who need access to a computer and the Internet. To take this course, you must be comfortable using a computer and have basic word processing, email, and Internet navigation skills and be familiar with chat rooms. Go on-line at [www.moorparkcollege.edu](http://www.moorparkcollege.edu), click on the WebSTAR button and then click on WebSTAR services. Login using your 900 student ID# and WebSTAR pin number. Blackboard will recognize only the first 6 digits of your pin and is case sensitive. Contact your instructor by the first day of class via email at [nsumal@vcccd.edu](mailto:nsumal@vcccd.edu).

**BUS M39 Business Communications ..... 3.00 Units**

**RECOMMENDED PREPARATION:** Word processing skills and BUS M28 or ENGL M01A or ENGL M02.

53612	06/22/2009	08/06/2009	BRANCA SA	7.00 HRS/WK	ARR	WEB
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NOTE: CRN 53612 is an on-line course taken via the Internet and a personal computer. The Moorpark College Open Access Computer Lab is available to students who need access to a computer and the Internet. To take this course, you must be comfortable using a computer, have basic word processing, email and Internet navigation skills, and be familiar with chat rooms. Go on-line at [www.moorparkcollege.edu](http://www.moorparkcollege.edu), click on the WebSTAR button and then click on WebSTAR services. Login using your 900 student ID# and WebSTAR pin number. Blackboard will recognize only the first 6 digits of your pin and is case sensitive. Contact your instructor by the first day of class via email at [sbranca@vcccd.edu](mailto:sbranca@vcccd.edu).

**CHEMISTRY**

**CHEM M01A General Chemistry I..... 6.00 Units**

**PREREQUISITE:** MATH M03 or equivalent college course.

**RECOMMENDED PREPARATION:** CHEM M12 or equivalent college course or one year of high school chemistry.

50656	06/22/2009	08/06/2009	BERG EA	11:30am-02:20pm	MTWTh	PS-202
	AND			08:00am-11:15am	TTh	PS-102
50655	06/22/2009	08/06/2009	BERG EA	11:30am-02:20pm	MTWTh	PS-202
	AND			08:00am-11:15am	MW	PS-103

**CHEM M01B General Chemistry II ..... 6.00 Units**

**PREREQUISITE:** CHEM M01A or equivalent college course and MATH M05 or equivalent college course.

50659	06/22/2009	08/06/2009	TORRES OJ	11:30am-02:20pm	MTWTh	PS-110
	AND			08:00am-11:15am	TTh	PS-104
50658	06/22/2009	08/06/2009	TORRES OJ	11:30am-02:20pm	MTWTh	PS-110
	AND			08:00am-11:15am	MW	PS-104

**CHEM M07A General Organic Chemistry I..... 5.00 Units**

**PREREQUISITE:** CHEM M01B or equivalent college course.

54922	06/22/2009	08/06/2009	JOINER CS	10:00am-11:15am	MW	PS-202
	AND			09:30am-11:20am	TTh	PS-202
	AND			11:30am-06:20pm	TTh	PS-103
54970	06/22/2009	08/06/2009	JOINER CS	10:00am-11:15am	MW	PS-202
	AND			11:30am-06:20pm	MW	PS-103
	AND			09:30am-11:20am	TTh	PS-202

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See page 147 for more information or visit WebSTAR at [www.vcccd.edu/webstar](http://www.vcccd.edu/webstar)

COURSE#	START DATE	END DATE	INSTRUCTOR	CLASS TIME	CLASS DAYS	LOCATION
<b>CHEM M12</b>	<b>Introductory Chemistry I .....</b>					<b>5.00 Units</b>
<b>PREREQUISITE: MATH M01</b>						
<b>OTHER: Students cannot complete both CHEM M12 and CHEM M12H (Honors) courses because credit will only be awarded to the first course completed.</b>						
50664	06/22/2009	08/05/2009	BAZARGAN MY	09:00am-11:15am	MTWTh	PS-110
			CHOI VA	11:30am-03:20pm	TTh	PS-107
53260	06/22/2009	08/05/2009	BAZARGAN MY	09:00am-11:15am	MTWTh	PS-110
			CHOI VA	11:30am-03:20pm	MW	PS-102
50665	06/22/2009	08/05/2009	HARUTUNIAN V	04:00pm-05:50pm	MTWTh	PS-107
	AND			06:00pm-08:15pm	MTWTh	PS-110
52825	06/22/2009	08/05/2009	HARUTUNIAN V	06:00pm-08:15pm	MTWTh	PS-110
	AND			08:30pm-10:20pm	MTWTh	PS-107

## CHICANO STUDIES

<b>CHST M02</b>	<b>Chicano Culture .....</b>					<b>3.00 Units</b>
54453	06/22/2009	07/27/2009	LIZAMA SA	01:00pm-03:15pm	MTWTh	HSS-239
<b>CHST M04</b>	<b>History of Mexican Americans in the United States .....</b>					<b>3.00 Units</b>
54577	06/22/2009	07/27/2009	SOTO J	10:30am-12:45pm	MTWTh	HSS-230

## CHILD DEVELOPMENT

<b>CD M01</b>	<b>Introduction to Careers in ECE .....</b>					<b>1.00 Unit</b>
55163	05/26/2009	06/19/2009	SHEAKS-MCGOWAN CD	09:00am-12:50pm	W	CDC-132

<b>CD M02</b>	<b>Human Development .....</b>					<b>3.00 Units</b>
53493	05/26/2009	07/02/2009	ALMEIDA-BOWIN K	8.00 HRS/WK	ARR	TV

NOTE: CRN 53493 is instruction delivered through televideo programming. DVD/VHS, text and materials can be purchased at the Bookstore. CD-ROMs are available directly from Intelcom (www.intelcom.org). Orientation: Wednesday, 5/27/09 from 7:00-8:50pm in CDC-132. Midterm: Wednesday, 6/17/09 from 7:00-8:50pm in CDC-132. Final: Wednesday, 7/1/09 from 7:00-8:50pm in CDC-132.

<b>CD M03</b>	<b>Child, Family, and Community .....</b>					<b>3.00 Units</b>
51711	05/26/2009	06/18/2009	VAN ANTWERP K	NOON-03:15pm	MTWTh	CDC-114

<b>CD M10</b>	<b>Language Arts in ECE .....</b>					<b>3.00 Units</b>
55162	06/23/2009	08/06/2009	TAYLOR T	08:00am-10:15am	TWTh	AA-109

<b>CD M11</b>	<b>Programs: Preschool .....</b>					<b>3.00 Units</b>
<b>RECOMMENDED PREPARATION: CD M30.</b>						

53044	06/23/2009	07/30/2009	CONRAD	06:00pm-08:50pm	TWTh	CDC-114
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<b>CD M25</b>	<b>Administration in ECE 2 .....</b>					<b>3.00 Units</b>
<b>PREREQUISITE: CD M02, CD M03, CD M11 &amp; one of the following: CD M06, CD M07, CD M08, CD M09, or CD M10</b>						

55204	06/22/2009	08/06/2009	SUMAL NS	7.00 HRS/WK	ARR	WEB
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NOTE: CRN 55204 is an on-line course taken via the Internet and personal computer. The Moorpark College Open Access Computer Lab is available to students who need access to a computer and the Internet. To take this course, you must be comfortable using a computer and have basic word processing, email, and Internet navigation skills and be familiar with chat rooms. Go on-line at [www.moorparkcollege.edu](http://www.moorparkcollege.edu), click on the WebSTAR button and then click on WebSTAR services. Login using your 900 student ID# and WebSTAR pin number. Blackboard will recognize only the first 6 digits of your pin and is case sensitive. Contact your instructor by the first day of class via email at [nsumal@vcccd.edu](mailto:nsumal@vcccd.edu).

## COMMUNICATION STUDIES (FORMERLY SPEECH)

<b>COMM M01</b>	<b>Introduction to Speech .....</b>					<b>3.00 Units</b>
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55171	05/26/2009	06/18/2009	MCCALL JA	08:00am-11:15am	MTWTh	PA-128
55170	05/26/2009	06/18/2009	AQUINO AR	08:00am-11:15am	MTWTh	FH-116
55174	05/26/2009	06/18/2009	STEWART NE	NOON-03:15pm	MTWTh	PA-119
55176	05/26/2009	06/18/2009	AQUINO AR	NOON-03:15pm	MTWTh	FH-218
55178	05/26/2009	06/18/2009	PECK KP	06:30pm-09:45pm	MTWTh	PA-119
55173	05/26/2009	06/18/2009	STEWART NE	08:00am-11:15am	MTWTh	PA-119
55175	05/26/2009	06/18/2009	MCCALL JA	NOON-03:15pm	MTWTh	PA-128
55179	06/22/2009	07/27/2009	BATES BE	08:00am-10:15am	MTWTh	HSS-111
55182	06/22/2009	07/27/2009	BATES BE	10:30am-12:45pm	MTWTh	TR-11
55181	06/22/2009	07/27/2009	LIEDTKE C	10:30am-12:45pm	MTWTh	PA-119
55183	06/22/2009	07/27/2009	LIEDTKE C	01:00pm-03:15pm	MTWTh	PA-119
55185	06/22/2009	08/05/2009	LOBENSTEIN DP	06:30pm-09:45pm	MW	PA-119
55187	06/23/2009	08/06/2009	BERG MA	06:30pm-09:45pm	TTh	PA-128
55188	06/23/2009	08/07/2009	LOBENSTEIN DP	06:30pm-09:45pm	TTh	PA-119

Some class offerings and room assignments may have changed since printing this schedule.

## COMPUTER INFORMATION SYSTEMS

**CIS M11 Basic Computer Keyboarding ..... 1.00 Unit**

50032 06/22/09 08/06/09 MOON DA 7.0 HRS/WK WEB  
 NOTE: CRN 50032 meets on-line 7.0 hours per week. You may contact your instructor at dmoon@vcccd.edu. For more information, see the Distance Education page of the Schedule of Classes or go to [http://www.moorparkcollege.edu/services\\_for\\_students/distance\\_education/students/index.shtml](http://www.moorparkcollege.edu/services_for_students/distance_education/students/index.shtml).

**CIS M12 Intermediate Computer Keyboarding ..... 1.00 Unit**

**PREREQUISITE: CIS M10 or CIS M11 or touch type 20 wpm.**  
 50036 06/22/09 08/06/09 MOON DA 7.0 HRS/WK WEB  
 NOTE: CRN 50036 meets on-line 7.0 hours per week. You may contact your instructor at dmoon@vcccd.edu. For more information, see the Distance Education page of the Schedule of Classes or go to [http://www.moorparkcollege.edu/services\\_for\\_students/distance\\_education/students/index.shtml](http://www.moorparkcollege.edu/services_for_students/distance_education/students/index.shtml).

**CIS M13 Computer Keyboarding / Speed Building ..... 1.00 Unit**

**PREREQUISITE: CIS M12 or ability to type 35 wpm. May be taken for a maximum of 2 times.**  
 50039 06/22/09 08/06/09 MOON DA 7.0 HRS/WK WEB  
 NOTE: CRN 50039 meets on-line 7.0 hours per week. You may contact your instructor at dmoon@vcccd.edu. For more information, see the Distance Education page of the Schedule of Classes or go to [http://www.moorparkcollege.edu/services\\_for\\_students/distance\\_education/students/index.shtml](http://www.moorparkcollege.edu/services_for_students/distance_education/students/index.shtml).

**CIS M14 10-Key Mastery on the Computer ..... 1.00 Unit**

50042 06/22/09 08/06/09 MOON DA 5.0 HRS/WK WEB  
 NOTE: CRN 50042 meets on-line 5.0 hours per week. You may contact your instructor at dmoon@vcccd.edu. For more information, see the Distance Education page of the Schedule of Classes or go to [http://www.moorparkcollege.edu/services\\_for\\_students/distance\\_education/students/index.shtml](http://www.moorparkcollege.edu/services_for_students/distance_education/students/index.shtml).

**CIS M20 Microsoft Word, Part I ..... 1.50 Units**

53064 05/26/2009 06/19/2009 MILLS ML 06:00pm-08:50pm MW LMC-121  
 PLUS 6.00 HRS/WK ARR WEB  
 NOTE: CRN 53064 meets on campus 3 hours per week and on-line for 6 hours per week. The on-line hours are taken via the Internet and personal computer. The Moorpark College Open Access Computer Lab is available to students who need access to a computer and the Internet. To take this course, you must be comfortable using a computer, and have basic word processing, email, and Internet navigation skills, and be familiar with chat rooms. Go on-line at [www.moorparkcollege.edu](http://www.moorparkcollege.edu), click on the WebSTAR button and then click on WebSTAR services. Login using your 900 student ID# and WebSTAR pin number. Blackboard will recognize only the first 6 digits of your pin and is case sensitive. Contact your instructor by the first day of class via email at mmills@vcccd.edu.

**CIS M24 Microsoft Excel, Part I ..... 1.50 Units**

**PREREQUISITE: CIS M17**  
 54961 05/26/2009 06/19/2009 MILLS ML 09:00am-11:50am MW LMC-121  
 PLUS 6.00 HRS/WK ARR WEB  
 NOTE: CRN 54961 meets on campus 3 hours per week and on-line for 6 hours per week. The on-line hours are taken via the Internet and personal computer. The Moorpark College Open Access Computer Lab is available to students who need access to a computer and the Internet. To take this course, you must be comfortable using a computer, and have basic word processing, email, and Internet navigation skills, and be familiar with chat rooms. Go on-line at [www.moorparkcollege.edu](http://www.moorparkcollege.edu), click on the WebSTAR button and then click on WebSTAR services. Login using your 900 student ID# and WebSTAR pin number. Blackboard will recognize only the first 6 digits of your pin and is case sensitive. Contact your instructor by the first day of class via email at mmills@vcccd.edu.

**CIS M30 Web Page Design I ..... 1.50 Units**

**RECOMMENDED PREPARATION: CIS M17**  
 51554 06/22/2009 08/06/2009 STAFF 6.00 HRS/WK ARR WEB  
 NOTE: CRN 51554 is an on-line class. The on-line hours are taken via the Internet and personal computer. The Moorpark College Open Access Computer Lab is available to students who need access to a computer and the Internet. To take this course, you must be comfortable using a computer, and have basic word processing, email, and Internet navigation skills, and be familiar with chat rooms. Go on-line at [www.moorparkcollege.edu](http://www.moorparkcollege.edu), click on the WebSTAR button and then click on WebSTAR services. Login using your 900 student ID# and WebSTAR pin number. Blackboard will recognize only the first 6 digits of your pin and is case sensitive. Contact your instructor by the first day of class via email.

**CIS M40 Visual BASIC I ..... 4.00 Units**

50061 06/22/2009 08/06/2009 CAMPBELL GS 06:00pm-09:15pm MW LMC-138  
 PLUS 7.0 HRS/WK WEB  
 NOTE: CRN 50061 is a hybrid course that meets 7.0 hours per week on campus and 7.0 hours per week on-line. You may contact your instructor at gcampbell@vcccd.edu. For more information, see the Distance Education page of the Schedule of Classes or go to [http://www.moorparkcollege.edu/services\\_for\\_students/distance\\_education/students/index.shtml](http://www.moorparkcollege.edu/services_for_students/distance_education/students/index.shtml).

COURSE#	START DATE	END DATE	INSTRUCTOR	CLASS TIME	CLASS DAYS	LOCATION
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## COMPUTER NETWORK SYSTEMS ENGINEERING

### CNSE M01 Introduction to Networking and Telecommunications ..... 4.00 Units

**Local and Wide Area Networking..... 4.00 Units**  
 55203 06/22/2009 08/06/2009 GARCIA E 10.00 HRS/WK ARR WEB

NOTE: CRN: 55203 is an on-line course taken via the Internet and personal computer. The Moorpark College Open Access Computer Lab is available to students who need access to a computer and the Internet. To take this course, you must be comfortable using a computer and have basic word processing email, and Internet navigation skills. Go on-line at www.moorparkcollege.edu, click on the WebSTAR button and then click on WebSTAR services. Login using your 900 student ID# and WebSTAR pin number. Blackboard will recognize only the first 6 digits of your pin and is case sensitive. ORIENTATION will be on Sunday, 6/21 at 1:00 PM in Room T-212 on the Moorpark campus. Those students who cannot attend the orientation must contact the instructor. EXAMS will be held on campus. For more information contact the instructor at eygarcia@att.net.

### CNSE M31 MS Windows Network Server ..... 3.00 Units

**RECOMMENDED PREPARATION: CNSE M30**  
 55015 06/22/2009 08/06/2009 VOLPE R 05:00pm-09:50pm MW LMC-139

NOTE: CRN: 55015 This class is a Windows Server 2008 based course. For more information contact the instructor at rvolpe@vcccd.edu.

### CNSE M43A Network Infrastructure Administration ..... 3.00 Units

**PREREQUISITE: CNSE M31 or CNSE M71 (Formerly CNSE M43)**  
 54662 06/22/2009 08/06/2009 VOLPE R 06:00pm-10:50pm TTh LMC-139

NOTE: CRN: 54662 This class is a Windows Server 2008 based course. For more information contact the instructor at rvolpe@vcccd.edu.

## COUNSELING

### COUN M03 Orientation to Moorpark College ..... 0.50 Unit

54757 07/30/2009 07/30/2009 FRANKS TS 04:00pm-07:50pm Th FH-218  
 PLUS 4.00 HRS/WK ARR TBA

NOTE: CRN 54757 is in class 4 hours and 4 hours by arrangement

### COUN M04 Student Development in Higher Education ..... 1.00 Unit

**RECOMMENDED PREPARATION: Completion of MATH and English self-assment and orientation.**  
 54937 08/03/2009 08/06/2009 FRANKS TS NOON-03:50pm MTWTh FH-211

### COUN M60C Self-Paced Career Assessment ..... 0.50 Unit

54938 05/26/2009 06/18/2009 GOULD JA 2.00 HRS/WK ARR FH-112

NOTE: CRN 54938 Orientations occurs weekly until June 12. You are required to attend a 1 hour orientation and 1 hour debriefing. Within one week of registering, call the Career Transfer Center 805-378-1536 or email mcwexp@vcccd.edu to schedule your orientation appointment.

## CRIMINAL JUSTICE

### CJ M01 Introduction to Criminal Justice ..... 3.00 Units

52857 05/26/2009 07/16/2009 MULVILLE LM 6.00 HRS/WK ARR WEB

NOTE: CRN 52857 is an on-line course taken via the Internet and a personal computer. The Moorpark College Open Access Computer Lab is available to students who need access to a computer and the Internet. To take this course, you must be comfortable using a computer, have basic word processing, email and Internet navigation skills, and be familiar with discussion rooms. Go online at www.moorparkcollege.edu. Click "distance education" for orientation and log-in. information. Although this is an online course, there is a requirement that students attend four hours of court observation at their own scheduling. For additional information, contact the instructor at lmulville@vcccd.edu.

## DANCE

### DANC M10A Ballet I-Fundamentals ..... 1.50 Units

50552 06/22/2009 08/05/2009 FERRARO-PARADIS NA 09:00am-12:15pm MW PA-107

### DANC M10B Ballet II-Beginning ..... 1.50 Units

**PREREQUISITE: DANC M10A.**  
 50554 06/22/2009 08/05/2009 FERRARO-PARADIS NA 09:00am-12:15pm MW PA-107

### DANC M10C Ballet III-Intermediate ..... 1.50 Units

**PREREQUISITE: DANC M10B.**  
 50556 06/22/2009 08/05/2009 FERRARO-PARADIS NA 09:00am-12:15pm MW PA-107

### DANC M11B Modern Jazz II-Beginning ..... 1.50 Units

**PREREQUISITE: DANC M11A.**  
 55193 05/26/2009 06/18/2009 STAFF 09:00am-12:15pm MTWTh PA-107

### DANC M11C Modern Jazz III-Intermediate ..... 1.50 Units

**PREREQUISITE: DANC M11B.**  
 55194 05/26/2009 06/18/2009 STAFF 09:00am-12:15pm MTWTh PA-107

### DANC M12A Modern Dance I-Fundamentals ..... 1.50 Units

50558 06/23/2009 08/06/2009 GOLDES VG 09:00am-12:15pm TTh PA-107

### DANC M12B Modern Dance II-Beginning ..... 1.50 Units

**PREREQUISITE: DANC M12A or equivalent.**  
 50561 06/23/2009 08/06/2009 GOLDES VG 09:00am-12:15pm TTh PA-107

Some class offerings and room assignments may have changed since printing this schedule.

COURSE#	START DATE	END DATE	INSTRUCTOR	CLASS TIME	CLASS DAYS	LOCATION
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**DANC M12C Modern Dance III-Intermediate..... 2.00 Units**

**PREREQUISITE:** DANC M12B.

50563	06/23/2009	08/06/2009	GOLDES VG	09:00am-12:15pm 3.00 HRS/WK	TTh ARR	PA-107 TBA
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**DANC M16A Hip Hop I - Fundamentals..... 1.50 Units**

55195	06/22/2009	08/05/2009	BAITY WC	06:30pm-09:45pm	MW	PA-107
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**DANC M30A Ballroom I..... 1.50 Units**

50567	06/23/2009	08/06/2009	PATTERSON SJ	06:30pm-09:45pm	TTh	SVSC
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NOTE: CRN 50567 will be held at the Simi Valley Senior Center (cafeteria area) 3900 Avenida Simi, one block north of Alamo Street, west of Tapo Canyon near the Simi Valley City Hall and Library. Parking is in front and west sides of the building.

**DANC M30B Ballroom II..... 1.50 Units**

**PREREQUISITE:** DANC M30A.

50569	06/23/2009	08/06/2009	PATTERSON SJ	06:30pm-09:45pm	TTh	SVSC
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NOTE: CRN 50569 will be held at the Simi Valley Senior Center (cafeteria area) 3900 Avenida Simi, one block north of Alamo Street, west of Tapo Canyon near the Simi Valley City Hall and Library. Parking is in front and west sides of the building.

**DANC M32 Swing Dance..... 1.50 Units**

50571	06/22/2009	08/05/2009	PATTERSON SJ	06:30pm-09:45pm	MW	TBA
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**DANC M51D Dance Performance/Production IV..... 2.00 Units**

**PREREQUISITE:** Intermediate dance class.

**RECOMMENDED PREPARATION:** Concurrent enrollment in dance class.

55126	06/22/2009	07/31/2009	SALAS RS	11.00 HRS/WK	ARR	PA-107
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NOTE: CRN 55126 Dance M51D is working towards a student produced and choreographed dance performance. Students will receive practical experience producing , promoting, performing and choreographing this student run performance. Performance dates are 7/30-7/31.

54236	06/22/2009	07/31/2009	SALAS RS	01:00pm-06:15pm	TTh	PA-107
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NOTE: CRN 54236 Performance in Summer Arts Festival, Student produced informal concert on July 30 & 31, 2009. Students are required to enroll before placement audition on June 23, 2009.

**DRAFTING**

**DRFT M01 Introduction to Drafting..... 3.00 Units**

55153	06/23/2009	07/30/2009	PIQUET SL	10:30am-01:45pm 3.00 HRS/WK	TWTh ARR	AA-143 TBA
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**DRFT M02A Computer Aided Drafting I..... 3.00 Units**

**PREREQUISITE:** DRFT M01 or DRFT M03A orequivalent.

**RECOMMENDED PREPARATION:** CIS M17 or prior computer use.

**MATERIALS FEE:** \$5.00

53582	06/23/2009	07/30/2009	PIQUET SL	06:00pm-09:15pm 3.00 HRS/WK	TWTh ARR	COM-150 TBA
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**ECONOMICS**

**ECON M01 Microeconomic Principles..... 3.00 Units**

54455	05/26/2009	06/18/2009	OLMSTED PD	NOON-03:15pm	MTWTh	HSS-205
51906	06/22/2009	07/27/2009	MCDANIEL J	10:30am-12:45pm	MTWTh	HSS-121

**ECON M02 Principles of Macroeconomics..... 3.00 Units**

**OTHER:** Students cannot complete both ECON M02 and ECON M02H (Honors) courses because credit will only be awarded to the first course completed.

51799	06/15/2009	08/03/2009	GUCCIARDO P	6.50 HRS/WK	ARR	TV
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NOTE: CRN 51799 is instruction delivered through televideo programming. DVD/VHS, text and materials can be purchased at the Bookstore. Only three on-campus class meetings are required: orientation, midterm, and final. Orientation will include an explanation of the syllabus, course objectives, review of assignments, and suggested strategies for success. ORIENTATION: Monday, 6/15/09 from 5:00-7:00 pm in the FORUM. MIDTERM: Monday, 7/6/09 from 5:00-7:00 pm in the FORUM. FINAL: Monday, 8/3/09 from 5:00-7:00 pm in the FORUM. Instructor contact information is pgucciardo@vcccd.edu.

51907	06/22/2009	07/27/2009	OLMSTED PD	01:00pm-03:15pm	MTWTh	HSS-121
52831	06/22/2009	08/05/2009	KARIMNEJAD H	06:30pm-09:45pm	MW	HSS-100

**ECON M30 Introduction to Business and Economics..... 3.00 Units**

**RECOMMENDED PREPARATION:** BUS M28 or ENGL M02

54793	06/22/2009	08/06/2009	BRANCA SA	7.00 HRS/WK	ARR	WEB
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NOTE: CRN 54793 is an on-line course taken via the Internet and a personal computer. The Moorpark College Open Access Computer Lab is available to students who need access to a computer and the Internet. To take this course, you must be comfortable using a computer, have basic word processing, email, and internet navigation skills, and be familiar with chat rooms. Go on-line at [www.moorparkcollege.edu](http://www.moorparkcollege.edu), click on the WebSTAR button and than click on WebSTAR Services. Login using your 900 student ID# and the WebSTAR pin number. Blackboard will recognize only the first 6 digits of your pin and is case sensitive. Contact your instructor by the first day of class via email at [sbranca@vcccd.edu](mailto:sbranca@vcccd.edu)

COURSE#	START DATE	END DATE	INSTRUCTOR	CLASS TIME	CLASS DAYS	LOCATION
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## ENGLISH

### ENGL M01A English Composition..... 4.00 Units

**PREREQUISITE:** ENGL M02 or completion of the assessment process.

**OTHER:** Students cannot complete both ENGL M01A and ENGL M01AH (Honors) courses because credit will only be awarded to the first course completed.

55092	05/26/2009	07/16/2009	GILLIS-SMITH ED	8.00 HRS/WK	ARR	WEB
NOTE: CRN 55092 is an online course taken via the Internet and a personal computer. The Open Access Computer lab is available to students who need access to a computer and the Internet. You must be comfortable using a computer, have basic word processing, email and Internet navigation skills, and be familiar with chat rooms. Go to <a href="http://www.moorparkcollege.edu">www.moorparkcollege.edu</a> and click Distance Learning for more information. Email instructor at <a href="mailto:egillismith@vcccd.edu">egillismith@vcccd.edu</a> by the first day of class to receive your syllabus and WebCT log-in information.						
54883	05/26/2009	07/17/2009	GILLIS-SMITH ED	8.00 HRS/WK	ARR	WEB
NOTE: CRN 54883 is an online course taken via the Internet and a personal computer. The Open Access Computer lab is available to students who need access to a computer and the Internet. You must be comfortable using a computer, have basic word processing, email and Internet navigation skills, and be familiar with chat rooms. Go to <a href="http://www.moorparkcollege.edu">www.moorparkcollege.edu</a> and click Distance Learning for more information. Email instructor at <a href="mailto:egillismith@vcccd.edu">egillismith@vcccd.edu</a> by the first day of class to receive your syllabus and WebCT log-in information.						
52726	06/15/2009	08/06/2009	BROWN J	01:30pm-04:20pm	MT	LLR-126
	AND			01:30pm-04:20pm	Th	A-138
50355	06/15/2009	08/06/2009	RAYL SL	10:30am-12:20pm	MTW	FH-212
	AND			10:30am-12:20pm	Th	LLR-126
50341	06/15/2009	08/06/2009	JUAREZ D	08:00am-09:50am	MTWTh	HSS-223
50224	06/15/2009	08/06/2009	BIRCHMAN DF	08:00am-09:50am	MTWTh	LLR-124
50197	06/15/2009	08/07/2009	GILL S	08:00am-09:50am	MTWTh	A-138
50354	06/15/2009	08/06/2009	AGREGAN LA	09:30am-04:20pm	MTTh	FH-115
52872	06/15/2009	08/06/2009	BIRCHMAN DF	10:30am-12:20pm	MTTh	A-138
	AND			10:30am-12:20pm	W	LLR-124
50326	06/15/2009	08/06/2009	BAILES DA	01:30pm-04:20pm	MTTh	HSS-222
50356	06/15/2009	08/06/2009	BRADFORD WM	01:30pm-04:20pm	MTTh	HSS-223
50343	06/15/2009	08/06/2009	BROWN J	09:30am-12:20pm	MTh	TR-2
	AND			09:30am-12:20pm	T	LLR-126
50376	06/15/2009	08/06/2009	HANNAH JM	06:30pm-09:20pm	MTTh	FH-212
50371	06/15/2009	08/06/2009	MCGEE J	06:30pm-09:20pm	MTTh	LLR-126
54770	06/15/2009	08/06/2009	BAILES DA	06:30pm-09:20pm	MTTh	HSS-222
55093	06/15/2009	08/07/2009	GIFFORD R	8.00 HRS/WK	ARR	WEB
NOTE: CRN 55093 is an online course taken via the Internet and a personal computer. The Open Access Computer lab is available to students who need access to a computer and the Internet. You must be comfortable using a computer, have basic word processing, email and Internet navigation skills and be familiar with chat rooms. Go to <a href="http://www.moorparkcollege.edu">www.moorparkcollege.edu</a> and click Distance Learning for more information. Email instructor at <a href="mailto:rgifford@vcccd.edu">rgifford@vcccd.edu</a> by the first day of class to receive your syllabus and WebCT log-in information.						
54882	06/22/2009	08/06/2009	GIFFORD R	8.00 HRS/WK	ARR	WEB
NOTE: CRN 54882 is an online course taken via the Internet and a personal computer. The Open Access Computer lab is available to students who need access to a computer and the Internet. You must be comfortable using a computer, have basic word processing, email and Internet navigation skills and be familiar with chat rooms. Go to <a href="http://www.moorparkcollege.edu">www.moorparkcollege.edu</a> and click Distance Learning for more information. Email instructor at <a href="mailto:rgifford@vcccd.edu">rgifford@vcccd.edu</a> by the first day of class to receive your syllabus and WebCT log-in information.						

### ENGL M01B Literature: Critical Thinking and Composition ..... 3.00 Units

**PREREQUISITE:** ENGL M01A.

**OTHER:** Students cannot complete both ENGL M01B and ENGL M01BH (Honors) courses because credit will only be awarded to the first course completed.

53056	06/15/2009	08/06/2009	SLATTUM N	08:00am-09:50am	MTTh	HSS-222
53057	06/15/2009	08/06/2009	SLATTUM N	10:00am-11:50am	MTTh	HSS-222
53058	06/15/2009	08/07/2009	SHERIDAN PL	01:00pm-02:50pm	MTTh	FH-212
51545	06/15/2009	08/07/2009	DUFFY ME	06:00pm-08:50pm	MW	A-138
52876	06/16/2009	08/06/2009	DUFFY ME	06:00pm-08:50pm	TTh	A-138

### ENGL M01C Critical Thinking and Composition ..... 3.00 Units

**PREREQUISITE:** ENGL M01A.

**OTHER:** Students cannot complete both ENGL M01C and ENGL M01CH (Honors) courses because credit will only be awarded to the first course completed.

53059	06/15/2009	08/06/2009	LEEMAN CP	08:00am-09:50am	MTTh	FH-214
50227	06/16/2009	08/06/2009	BUSILLO P	06:00pm-08:50pm	TTh	HSS-223

### ENGL M02 Introduction to College Writing ..... 3.00 Units

53061	06/15/2009	08/06/2009	RAYL SL	08:00am-09:50am	MT	FH-212
	AND			08:00am-09:50am	Th	LMC-138
53063	06/15/2009	08/06/2009	LEEMAN CP	10:00am-11:50am	MTTh	FH-214
52873	06/15/2009	08/06/2009	WOLF L	01:00pm-02:50pm	MTTh	FH-214
51548	06/16/2009	08/06/2009	SCROFANO D	06:00pm-08:50pm	TTh	LLR-124

Some class offerings and room assignments may have changed since printing this schedule.

COURSE#	START DATE	END DATE	INSTRUCTOR	CLASS TIME	CLASS DAYS	LOCATION
<b>ENGL M03 Writing Skills</b> .....						<b>3.00 Units</b>
54884	06/15/2009	08/07/2009	RAMOS JC	10:30am-12:45pm	MTTH	LLR-124
	PLUS			10:30am-12:45pm	W	FH-213
NOTE: CRN 54884 is suitable for both native speakers of English and English language learners (ESL).						
<b>ENGL M31 Masterpieces of World Literature II</b> .....						<b>3.00 Units</b>
<b>PREREQUISITE: ENGL M01A or equivalent.</b>						
54045	06/22/2009	08/06/2009	HUNTER SJ	10:30am-12:45pm	MTTh	HSS-223

## ENVIRONMENTAL SCIENCE

<b>ENSC M01 Environmental Science</b> .....						<b>3.00 Units</b>
53005	05/26/2009	06/18/2009	CARTWRIGHT MR	08:00am-11:15am	MTWTh	PS-222

## EXOTIC ANIMAL TRAINING AND MANAGEMENT

<b>EATM M02D Zoo Work Skills Second Year SS</b> .....						<b>3.00 Units</b>
<b>PREREQUISITE: EATM M02C</b>						
52791	05/21/2009	08/16/2009	WOODHOUSE B	12 HRS/WK	ARR	ZOO
<b>EATM M15CL Wildlife Education III Lab</b> .....						<b>2.00 Units</b>
<b>PREREQUISITES: EATM M15B and EATM M15BL</b>						
53000	05/19/2009	08/04/2009	ROMERO K	NOON-02:50pm	U	ZOO
			WOODHOUSE B	09:00am-11:50am	MT	ZOO
53001	05/28/2009	08/08/2009	WOODHOUSE B	09:00am-11:50am	ThF	ZOO
			ROMERO K	NOON-02:50pm	S	ZOO
<b>EATM M21A Animal Training I</b> .....						<b>1.00 Unit</b>
<b>PREREQUISITES: EATM M01B and ANSC M04 or PSY M12</b>						
<b>COREQUISITE: EATM M21AL</b>						
51697	05/26/2009	06/23/2009	WILSON GL	05:00pm-06:50pm	TTh	ZOO-2
<b>EATM M21AL Animal Training I Lab</b> .....						<b>2.00 Units</b>
<b>PREREQUISITES: EATM M01BL and ANSC M04L or PSY M12L</b>						
<b>COREQUISITE: EATM M21A</b>						
52320	05/26/2009	08/05/2009	WILSON GL	NOON-02:50pm	MT	ZOO
				09:00am-11:50am	W	ZOO
52321	05/27/2009	08/07/2009	WILSON GL	NOON-02:50pm	WThF	ZOO
<b>EATM M30A Zoo Days I</b> .....						<b>0.50 Unit</b>
<b>PREREQUISITE: Successful completion of a previous EATM course</b>						
52515	05/19/2009	08/07/2009	BELANGER DR	2.25 HRS/WK	ARR	TBA
			MCTOLDRIDGE NH			

## FRENCH

<b>FREN M01 Elementary French I</b> .....						<b>4.00 Units</b>
53513	05/26/2009	07/02/2009	AGEL MS	08:00am-11:15am	MTWTh	FH-219
<b>FREN M02 Elementary French II</b> .....						<b>4.00 Units</b>
<b>PREREQUISITE: FREN M01 or 2 years of high school French with grades of C or better.</b>						
53515	07/06/2009	08/06/2009	TUFENKJIAN A	08:00am-11:50am	MW	LLR-126
	AND			08:00am-11:50am	TTh	FH-219

## GEOGRAPHY

<b>GEOG M01 Physical Geography</b> .....						<b>3.00 Units</b>
50683	05/26/2009	06/18/2009	WALEGUR MT	01:30pm-04:45pm	MTWTh	PS-135
<b>GEOG M02 Cultural Geography</b> .....						<b>3.00 Units</b>
52296	05/26/2009	06/18/2009	WALEGUR MT	06:30pm-09:45pm	MTWTh	PS-135

## GEOLOGY

<b>GEOL M02 Physical Geology</b> .....						<b>3.00 Units</b>
50684	06/22/2009	07/27/2009	MCCARTNEY A	08:00am-10:15am	MTWTh	PS-134
<b>GEOL M02L Physical Geology Lab</b> .....						<b>1.00 Unit</b>
<b>COREQUISITE: Completion of or concurrent enrollment in GEOL M02</b>						
<b>OTHER: Field trips will be required.</b>						
50688	06/22/2009	07/29/2009	MCCARTNEY A	10:30am-02:20pm	MW	PS-134
<b>GEOL M05 The World Ocean</b> .....						<b>3.00 Units</b>
50690	05/26/2009	06/18/2009	CARTWRIGHT MR	NOON-03:15pm	MTWTh	PS-207

COURSE#	START DATE	END DATE	INSTRUCTOR	CLASS TIME	CLASS DAYS	LOCATION
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## GRAPHICS

**GR M10 Introduction to Communication Design ..... 3.00 Units**

55154 05/26/2009 06/18/2009 KASALOVIC SS 12 HRS/WK ARR WEB  
 NOTE: CRN 55154 is an on-line class. To log-in to your Webstar account, click on the WebCT/Blackboard Vista link. Please note that you will not be able to access your course until the first day of class for this semester. For additional information, please contact the instructor at skasalovic@vcccd.edu. Moorpark College open access computer lab is available to students who need access to a computer and the internet.

**GR M27 Electronic and Digital Photography ..... 3.00 Units**

**PREREQUISITE:** A course in the discipline.  
**MATERIAL FEE:** \$5.00  
 52363 05/26/2009 06/18/2009 KASALOVIC SS 08:00am-12:50pm MTWTh COM-109  
 PLUS 2 HRS/WK ARR TBA

## HEALTH EDUCATION

**HED M01 Health and Society ..... 2.00 Units**

52306 05/26/2009 06/18/2009 MANAKAS VJ NOON-02:50pm TWTh G-116

**HED M03 Nutrition, Fitness and Stress Management ..... 3.00 Units**

54957 06/22/2009 07/27/2009 MCCARTHY R 10:30am-12:45pm MTWTh FH-116

**HED M05 First Aid and CPR ..... 3.00 Units**

**MATERIAL FEE:** \$7.00 Red Cross Certification for Adult CPR and AED, and Child and Infant CPR.  
 50243 05/26/2009 06/19/2009 PARKER DM 08:00am-11:15am MTWTh G-116  
 55212 06/23/2009 08/06/2009 STAFF 06:30pm-09:45pm TTh G-116

**HED M07 Personal Health ..... 3.00 Units**

51658 05/26/2009 06/18/2009 HALLERAN RF 13.00 HR/WK ARR TV  
 NOTE: CRN 51658 is instruction delivered through televideo programming. DVD/VHS, text and materials can be purchased at the Bookstore. STUDENTS MUST ATTEND ORIENTATION that is on campus Tuesday, 5/26/09 from 7-9pm in LMC-137. Final exam is on campus Thursday, 6/18/09, from 7-9pm in the FORUM. For additional information Mr. Halleran can be reached at mrpkhr@msn.com.  
 53614 06/22/2009 07/29/2009 HALLERAN RF 9.00 HRS/WK ARR TV  
 NOTE: CRN 53614 is instruction delivered through televideo programming. DVD/VHS, text and materials can be purchased at the Bookstore. STUDENTS MUST ATTEND ORIENTATION on campus Monday, 6/22/09, from 7-9pm in he Forum. Final exam is on campus Wednesday, 7/29/09, from 7-9pm in the Forum. Mr. Halleran can be reached at mrpkhr@msn.com.

## HEALTH SCIENCES

**HS M16N Basic Skills for the Nurse ..... 0.50 Unit**

54647 05/13/2009 05/21/2009 JOSEPH SS 08:00am-11:50am WTh HS-112  
 AND 01:00pm-03:15pm WTh HS-112  
 54645 05/27/2009 07/01/2009 JOSEPH SS 08:00am-12:15pm W HS-111B  
 54646 06/01/2009 07/06/2009 JOSEPH SS 08:00am-12:15pm M HS-112

**HS M19 Medical Terminology ..... 3.00 Units**

52629 05/18/2009 07/06/2009 BYRNE DJ 7.00 HRS/WK ARR WEB  
 NOTE: CRN 52629 is an online class and will be taken via your home computer. To take this course you must be comfortable using a computer, have basic word processing, email and internet navigational skills, and be familiar with chat rooms. There will be an online orientation. For more information, contact the instructor at DByrne@vcccd.edu before the first day of class.  
 52879 05/18/2009 07/06/2009 BURKARD PA 7.00 HRS/WK ARR WEB  
 NOTE: CRN 52879 is an online class and will be taken via your home computer. To take this course you must be comfortable using a computer, have basic word processing, email and internet navigational skills, and be familiar with chat rooms. There will be an online orientation. For more information, contact the instructor at PBurkard@vcccd.edu before the first day of class.  
 53887 06/15/2009 08/03/2009 BYRNE DJ 7.00 HRS/WK ARR WEB  
 NOTE: CRN 53887 is an online class and will be taken via your home computer. To take this course you must be comfortable using a computer, have basic word processing, email and internet navigational skills, and be familiar with chat rooms. There will be an online orientation. For more information, contact the instructor at DByrne@vcccd.edu before the first day of class.  
 55252 06/15/2009 08/03/2009 STAFF 7.00 HRS/WK ARR WEB  
 NOTE: CRN 55252 is an online class and will be taken via your home computer. To take this course you must be comfortable using a computer, have basic word processing, email and internet navigational skills, and be familiar with chat rooms. There will be an online orientation. For more information, contact the Health Sciences Department at (805) 378-1433.

**HS M23 Pharmacology for Allied Health Professional ..... 2.00 Units**

**RECOMMENDED PREPARATION:** HS M19  
 54176 06/15/2009 08/03/2009 NANTROUP SL 5.00 HRS/WK ARR WEB  
 NOTE: CRN 54176 is an online class and will be taken via your home computer. To take this class you must be comfortable using a computer, have basic word processing, email and internet navigational skills, and be familiar with chat rooms. There will be an online orientation. For more information, contact the instructor at slnm@earthlink.net before the first day of class.

**HS M24R EMT-1 (Basic) Recertification ..... 2.00 Units**

**PREREQUISITE:** EMT-1 (Basic Certification) or expired EMT-1 (Basic) Certification -- not more than 24 months from expiration date and from United States.  
 52302 06/01/2009 06/11/2009 KOMINS ME 06:00pm-09:50pm MTWTh HS-112

Some class offerings and room assignments may have changed since printing this schedule.

COURSE#	START DATE	END DATE	INSTRUCTOR	CLASS TIME	CLASS DAYS	LOCATION
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**HS M25 Introduction to Pathophysiology ..... 4.00 Units**

**RECOMMENDED PREPARATION: ANPH M01 and PHSO M01**

53067	05/26/2009	07/15/2009	LOISELLE L	9.50 HRS/WK	ARR	WEB
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NOTE: CRN 53067 is an online class and will be taken via your home computer. To take this course you must be comfortable using a computer, have basic word processing, email and internet navigational skills, and be familiar with chat rooms. There will be an online orientation. For more information, contact the instructor at LLoiselle@vcccd.edu before the first day of class.

**HISTORY**

**HIST M01A An Introduction to Western Civilization..... 3.00 Units**

54572	05/26/2009	06/19/2009	FRASER RC	NOON-03:15pm	MTWTh	HSS-239
51788	06/22/2009	07/27/2009	DARBY DR	10:30am-12:45pm	MTWTh	HSS-140
53915	06/22/2009	07/27/2009	BELURIS SA	01:00pm-03:15pm	MTWTh	HSS-111
53758	06/22/2009	08/05/2009	GEESLIN BD	06:30pm-09:45pm	MW	HSS-204

**HIST M01B An Introduction to Western Civilization..... 3.00 Units**

54575	06/22/2009	07/27/2009	BELURIS SA	10:30am-12:45pm	MTWTh	HSS-111
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**HIST M04 History of Mexican Americans in the United States ..... 3.00 Units**

54576	06/22/2009	07/27/2009	SOTO J	10:30am-12:45pm	MTWTh	HSS-230
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**HIST M06 History of the American Indian ..... 3.00 Units**

52867	06/22/2009	07/27/2009	CRISPIN-PERALTA VC	10:30am-12:45pm	MTWTh	T-210
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**HIST M07A Social and Political History of the United States..... 3.00 Units**

53928	05/26/2009	06/18/2009	NOMELLI SL	NOON-03:15pm	MTWTh	HSS-121
54276	05/26/2009	06/18/2009	MORRISON JE	06:30pm-09:45pm	MTWTh	HSS-230
53762	06/16/2009	08/04/2009	HOPKINS RB	6.50 HRS/WK	ARR	TV

NOTE: CRN 53762 is instruction delivered through televideo programming. DVD/VHS, text and materials can be purchased at the Bookstore. Only three on-campus class meetings are required: Orientation\*, midterm and final. Orientation includes an explanation of the syllabus, course objectives, review of assignments, and suggested strategies for success. ORIENTATION: Tuesday, 6/16/09 from 7:00-9:00 pm in the FORUM, MIDTERM: Tuesday, 7/07/09 from 7:00-9:00 pm in the FORUM. FINAL: Tuesday, 8/04/09 from 7:00-9:00 pm in the FORUM. Instructor contact information is rhopkins@vcccd.edu. \*If you are unable to attend the on-campus orientation, you may complete an on-line orientation by going on-line to www.moorparkcollege.edu, click on Webstar and log-in; select "WebCT/Blackboard Vista and launch WebCT Vista". Select corresponding course listing.

**HIST M07B Social and Political History of the United States..... 3.00 Units**

55237	06/22/2009	07/27/2009	COLMAN PR	10:30am-12:45pm	MTWTh	HSS-101
54737	05/26/2009	06/18/2009	HOPKINS RB	13.00 HRS/WK	ARR	TV

NOTE: CRN 54737 is instruction delivered through televideo programming. DVD/VHS, text and materials can be purchased at the Bookstore. Only two on-campus class meetings are required : \*Orientation and the final. Orientation will include explanation of syllabus, course objectives, review of assignments, and suggested strategies for success. ORIENTATION: Tuesday, 5/26/09 from 7:00-9:00 pm in PS-115. FINAL: Tuesday, 6/16/09 from 7:00-9:00 pm in PS-115. \*For those unable to attend the on-campus orientation, you may complete an on-line orientation. Go on-line to Webstar and log-in, select "WebCT/Blackboard Vista" and launch WebCT Vista. Select the corresponding course listing. Instructor contact information is rhopkins@vcccd.edu.

**HIST M12 History of American Women..... 3.00 Units**

**PREREQUISITE: ENGL M01A.**

**OTHER: Students cannot complete both HIST M12 and HIST M12H (Honors) courses because credit will only be awarded to the first course completed.**

53346	05/26/2009	06/18/2009	COPSEY CM	08:00am-11:15am	MTWTh	HSS-121
52830	06/22/2009	07/27/2009	CONVERSE CD	08:00am-10:15am	MTWTh	HSS-238

**HIST M20A World History I..... 3.00 Units**

54579	06/22/2009	07/27/2009	COLMAN PR	9 HRS/WK	ARR	WEB
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NOTE: CRN 54579 is an on-line class beginning 6/22/2009 and ending 7/27/2009. Please go to the WebCT orientation login page a week before your course begins. Go to the following URL to go through the WebCT orientation: <https://vcccd.blackboard.com>. For additional information about the course email the instructor at pcolman@vcccd.edu. Moorpark College Open Access Computer Lab is available for students who need access to a computer and the internet.

53763	06/23/2009	08/06/2009	CAMERON SG	06:30pm-09:45pm	TTh	HSS-121
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**HIST M20B World History II..... 3.00 Units**

54457	06/22/2009	08/05/2009	SMITHERS L	06:30pm-09:45pm	MW	HSS-203
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**HIST M25 History of the United States..... 3.00 Units**

**RECOMMENDED PREPARATION: ENGL M01A**

**OTHER: Students cannot complete both HIST M25 and HIST M25H (Honors) courses because credit will only be awarded to the first course completed.**

53913	05/26/2009	06/18/2009	SPRING R	08:00am-11:15am	MTWTh	HSS-104
54580	06/22/2009	07/27/2009	MCGOWAN JP	10:30am-12:45pm	MTWTh	HSS-238
53914	06/23/2009	08/06/2009	BEAM C	06:30pm-09:45pm	TTh	HSS-104

COURSE#	START DATE	END DATE	INSTRUCTOR	CLASS TIME	CLASS DAYS	LOCATION
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## HUMANITIES

**HUM M07 Humanities through the Arts** ..... **3.00 Units**

54063	06/18/2009	08/06/2009	GARBER NB	6.00 HRS/WK	TBA	TV
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NOTE: CRN 54063. Instruction is delivered through televideo programming. Video tapes, text and guide can be purchased at the campus bookstore. Orientation: Thursday, 6/18/09 7:00-9:00 pm in the Forum; Review Session: 7/02/09 7:00-9:00 pm in the Forum; Midterm Exam: 7/09/09 7:00-9:00 pm in the Forum; Review Session: 7/30/09 7:00-9:00 pm in the Forum; Final exam: 8/06/09 7:00-9:00 pm in the Forum; All five meetings will be held on Thursdays, 7:00-9:00 pm in the Forum.

## INTERIOR DESIGN

**ID M11 Beginning Interior Design** ..... **3.00 Units**

53047	05/26/2009	06/18/2009	WITHERS K	06:30pm-09:45pm	MTWTh	AA-124
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## JAPANESE

**JAPN M01 Elementary Japanese I** ..... **4.00 Units**

53518	06/15/2009	08/04/2009	HALL NH	03:30pm-06:20pm	MTWTh	TR-8
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## JOURNALISM

**JOUR M01 Media and Society** ..... **3.00 Units**

53050	05/26/2009	06/18/2009	MILLER JM	13.00 HRS/WK	ARR	WEB
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NOTE: CRN 53050 is an online class. To long-in, go to your Webstar account, click on the "WebCT/Blackboard Vista" link. Please note that you will not be able to access your course until the first day of class for this semester. For additional information, please contact the instructor at joannamiller@vcccd.edu.

50599	06/22/2009	07/22/2009	LARSON CS	08:00am-11:15am	MTW	HSS-204
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## LEARNING SKILLS

**LS M03 Study Strategies** ..... **3.00 Units**

50482	06/23/2009	08/06/2009	CRONIN JJ	08:00am-11:15am	TTh	AA-115
52862	06/23/2009	08/06/2009	CRONIN JJ	11:30am-02:45pm	TTh	AA-115

## MATHEMATICS

**MATH M01 Elementary Algebra** ..... **5.00 Units**

RECOMMENDED PREPARATION: MATH M09

53954	06/22/2009	07/30/2009	STAFF	07:00am-10:15am	MTWTh	PS-224
52631	06/22/2009	07/30/2009	STAFF	10:30am-01:45pm	MTWTh	PS-224
50248	06/22/2009	07/30/2009	WEINSTEIN D	02:00pm-05:15pm	MTWTh	LMC-123
55198	06/22/2009	07/30/2009	ENRIQUEZ MA	14.00 HRS/WK	ARR	WEB

NOTE: CRN 55198 is an on-line course. Students will learn all materials through on-line lessons, which include videos, phone/web live conferences, and textbook. Students are encouraged to attend the orientation meeting on Thursday, June 18 from 4:30pm to 7pm in room PS-110. Exams will be given on Thursdays beginning at 4:00 pm and the final exam on Thursday July 30 from 4 p.m. to 7 p.m. For more information about the course, which includes information about textbook, contact the instructor by email- menriquez@vcccd.edu .

50242	06/22/2009	07/30/2009	STAFF	06:30pm-09:45pm	MTWTh	LMC-124
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**MATH M03 Intermediate Algebra** ..... **5.00 Units**

RECOMMENDED PREPARATION: MATH M01

53654	05/26/2009	07/02/2009	SZYLEWICZ A	07:00am-10:15am	MTWTh	LMC-125
53960	05/26/2009	07/02/2009	CHEN S	10:30am-01:45pm	MTWTh	LMC-125
50259	06/22/2009	07/30/2009	BERON A	07:00am-10:15am	MTWTh	FH-111
50295	06/22/2009	07/30/2009	BERON A	10:30am-01:45pm	MTWTh	FH-111
54517	06/22/2009	07/30/2009	MUTOLO JA	02:00pm-05:15pm	MTWTh	LMC-126
55199	06/22/2009	07/30/2009	LIN P	14.00 HRS/WK	ARR	WEB

NOTE: CRN 55199 is an on-line course. For detailed information about this course, visit <http://plin.chumby.net/moorpark/> website on 6/22/2009. Students will attend the following on-ground meetings in FH-220: Orientation on Thursday 6/25/09, from 1:00pm to 2:00pm, and Exams I, II and III on Thursdays, 7/2/09, 7/16/09, and 7/30/09 from 1pm-4pm.

52852	06/22/2009	07/30/2009	LIN JC	06:30pm-09:45pm	MTWTh	FH-111
52851	06/22/2009	07/30/2009	MUTOLO JA	06:30pm-09:45pm	MTWTh	LMC-126

**MATH M05 College Algebra** ..... **3.00 Units**

PREREQUISITE: MATH M03

50303	05/26/2009	06/18/2009	HILMER KA	08:00am-11:15am	MTWTh	LMC-123
50304	05/26/2009	06/18/2009	WYGANT GM	NOON-03:15pm	MTWTh	PS-208
53713	06/22/2009	08/03/2009	HAGAR M	06:00pm-09:50pm	MW	SX-1
53667	06/23/2009	08/04/2009	HAGAR M	06:00pm-09:50pm	TTh	SX-1
53664	07/06/2009	07/29/2009	WILKINS AT	07:00am-10:15am	MTWTh	PS-208

**MATH M06 Trigonometry** ..... **3.00 Units**

PREREQUISITE: MATH M05

53962	07/06/2009	07/29/2009	COLE CS	08:00am-11:15am	MTWTh	LMC-125
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Some class offerings and room assignments may have changed since printing this schedule.

COURSE#	START DATE	END DATE	INSTRUCTOR	CLASS TIME	CLASS DAYS	LOCATION
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**MATH M07 College Algebra and Trigonometry..... 5.00 Units**

**PREREQUISITE: MATH M03.**

50310	06/22/2009	07/30/2009	LIN P	07:00am-10:15am	MTWTh	LMC-122
54788	06/22/2009	07/30/2009	LACE L	10:30am-01:45pm	MTWTh	SX-2
50313	06/22/2009	07/30/2009	WEINSTEIN D	10:30am-01:45pm	MTWTh	LMC-123
52853	06/22/2009	07/30/2009	DI PASSERO KM	02:00pm-05:15pm	MTWTh	LMC-122
52854	06/22/2009	07/30/2009	LACE L	06:30pm-09:45pm	MTWTh	LMC-125

**MATH M09 Pre-Algebra..... 3.00 Units**

**RECOMMENDED PREPARATION: Competence with whole number arithmetic (addition, subtraction, multiplication and division of whole numbers).**

53711	05/26/2009	06/18/2009	WYGANT GM	08:00am-11:15am	MTWTh	PS-208
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**MATH M10 Mathematics for Elementary Teachers ..... 3.00 Units**

**PREREQUISITE: MATH M03**

53966	06/23/2009	08/04/2009	CARR M	06:00pm-09:50pm	TTh	LMC-123
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**MATH M15 Introductory Statistics..... 5.00 Units**

**PREREQUISITE: MATH M03**

**OTHER: Students cannot complete both MATH 15 and MATH 15H (Honors) courses because credit will only be awarded to the first course completed.**

**NOTE: Introductory Statistics courses require a graphing calculator - TI-83/4 recommended.**

54789	05/26/2009	07/02/2009	NGUYEN DT	10:30am-01:45pm	MTWTh	PS-209
53677	05/26/2009	07/02/2009	HARTNELL NJ	02:00pm-05:15pm	MTWTh	FH-216
50336	06/22/2009	07/30/2009	ABRAMOFF PD	07:00am-10:15am	MTWTh	LMC-126
53815	06/22/2009	07/30/2009	ABRAMOFF PD	10:30am-01:45pm	MTWTh	LMC-126
50615	06/22/2009	07/30/2009	WILKINS AT	10:30am-01:45pm	MTWTh	PS-208
50616	06/22/2009	07/30/2009	LEE MK	02:00pm-05:15pm	MTWTh	LMC-124
55200	06/22/2009	07/30/2009	ENRIQUEZ MA	14.00 HRS/AWK	ARR	WEB

NOTE: CRN 55200 is an on-line course and requires at least a scientific calculator. Students will learn all materials through on-line lessons, which include videos, phone/web live conferences, and textbook. Students are encouraged to attend the orientation meeting on Thursday, June 18 from 4:30pm - 7:00pm in room PS-110. Exams will be given on Thursdays beginning at 4:00pm and the final exam on Thursday, July 30 from 4 p.m. to 7 p.m. For more information about the course, which includes information about textbook, contact the instructor by email- menriquez@vcccd.edu

52849	06/22/2009	07/30/2009	LEE MK	06:30pm-09:45pm	MTWTh	FH-216
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**MATH M16A Applied Calculus I ..... 3.00 Units**

**PREREQUISITE: MATH M05 or MATH M07.**

50347	05/26/2009	06/18/2009	RAHNAMAIE MZ	NOON-03:15pm	MTWTh	LMC-123
50348	07/06/2009	07/29/2009	HILMER KA	08:00am-11:15am	MTWTh	LMC-124

**MATH M16B Applied Calculus II..... 3.00 Units**

**PREREQUISITE: MATH M16A or MATH M25A.**

53679	07/06/2009	07/29/2009	RUBINSTEIN DJ	02:00pm-05:15pm	MTWTh	FH-111
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**MATH M25A Calculus with Analytic Geometry I ..... 5.00 Units**

**OTHER: Students cannot complete both MATH 25A and MATH 25AH (Honors) courses because credit will only be awarded to the first course completed.**

**PREREQUISITE: MATH M05 and M06 or MATH M07**

50350	05/26/2009	07/02/2009	PURDY BP	10:30am-01:45pm	MTWTh	FH-216
50362	06/22/2009	07/30/2009	DAVIS RP	10:30am-01:45pm	MTWTh	SX-3
53974	06/22/2009	07/30/2009	DI PASSERO KM	06:30pm-09:45pm	MTWTh	LMC-122

**MATH M25B Calculus with Analytic Geometry II ..... 5.00 Units**

**PREREQUISITE: MATH M25A or MATH M16B.**

50365	05/26/2009	07/02/2009	NGUYEN DT	07:00am-10:15am	MTWTh	PS-209
50367	06/22/2009	07/30/2009	AGUILERA C	10:30am-01:45pm	MTWTh	LMC-122

**MATH M25C Calculus with Analytic Geometry III ..... 5.00 Units**

**PREREQUISITE: MATH M25B.**

52826	06/22/2009	07/30/2009	AGUILERA C	07:00am-10:15am	MTWTh	LMC-123
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## MICROBIOLOGY

**MICR M01 General Microbiology..... 5.00 Units**

**PREREQUISITE: BIOL M02A or M04 or equivalent & CHEM M01A or M12 or equivalent or high school chemistry.**

52569	05/26/2009	07/30/2009	CHEN AM	09:00am-12:50pm	MTWTh	LMC-216
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NOTE: CRN 52569 In order to maintain a seat in the class, students are to bring an unofficial transcript to the first class meeting, verifying they have successfully completed Biology M02A and Chemistry, Or Physiology M01 AND Biology M01 AND Chemistry.

54935	05/26/2009	07/30/2009	DE SILVA AT	06:00pm-09:50pm	MTWTh	LMC-216
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NOTE: CRN 54935 In order to maintain a seat in the class, students are to bring an unofficial transcript to the first class meeting, verifying they have successfully completed Biology M02A and Chemistry, OR Physiology M01 AND Biology M01 AND Chemistry.

## MULTIMEDIA

**MM M10 Introduction to Digital Media..... 3.00 Units**

**RECOMMENDED PREPARATION: Eligibility for ENGL M01A (Previously MM M01)**

54608	06/22/2009	07/28/2009	ROSDAHL TT	06:00pm-09:50pm	MTWTh	COM-109
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New, easy on-line payment plan - **eCASHIER**

See page 147 for more information or visit WebSTAR at [www.vcccd.edu/webstar](http://www.vcccd.edu/webstar)

COURSE#	START DATE	END DATE	INSTRUCTOR	CLASS TIME	CLASS DAYS	LOCATION
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## MUSIC

<b>MUS M01</b>	<b>Fundamentals of Music</b> .....					<b>3.00 Units</b>
51519	06/22/2009	07/27/2009	INGERSOLL OD	08:00am-10:15am	MTWTh	M-109
<b>MUS M08</b>	<b>Music Appreciation</b> .....					<b>3.00 Units</b>
53500	05/26/2009	06/18/2009	DEMMOND EC	08:00am-11:15am	MTWTh	M-114
50601	06/22/2009	07/27/2009	INGERSOLL OD	10:30am-12:45pm	MTWTh	M-109
53501	07/06/2009	07/29/2009	SONG JJ	NOON-03:15pm	MTWTh	M-114
<b>MUS M15</b>	<b>Moorpark Community Orchestra</b> .....					<b>2.00 Units</b>
<b>PREREQUISITE: Must be able to read music and be proficient on an orchestral instrument.</b>						
53508	06/02/2009	07/23/2009	SONG JJ	06:00pm-09:50pm	TTh	M-114
NOTE: Moorpark College Orchestra, no audition required. All students and community members are invited to participate. Performance in Summer Arts Festival orchestra concert late July.						
<b>MUS M18</b>	<b>Studio Jazz Ensemble</b> .....					<b>2.00 Units</b>
<b>OTHER: Ability to play a musical instrument appropriate to Jazz Ensemble</b>						
54033	06/22/2009	08/06/2009	AGUILAR R	06:00pm-09:50pm	MW	M-109
	PLUS			1.50 HRS/WK	ARR	TBA
NOTE: All students and community members are invited to participate in the summer jazz workshop.						
<b>MUS M25A</b>	<b>Class Piano Beginning I</b> .....					<b>2.00 Units</b>
53040	06/22/2009	07/28/2009	JULIAN S	08:00am-10:50am	MTWTh	M-138
<b>MUS M60A</b>	<b>Intermediate Orchestral Techniques</b> .....					<b>2.00 Units</b>
55206	06/02/2009	07/23/2009	STAFF	06:00pm-09:50pm	Th	M-114
55209	06/02/2009	07/23/2009	SONG J	06:00pm-09:50pm	Th	M-114
<b>MUS M60F</b>	<b>Advanced Orchestral Techniques</b> .....					<b>2.00 Units</b>
55210	06/02/2009	07/23/2009	SONG J	06:00pm-09:50pm	Th	M-114

## PHILOSOPHY

<b>PHIL M01</b>	<b>Introduction to Philosophy</b> .....					<b>3.00 Units</b>
<b>OTHER: Students cannot complete both PHIL M01 and PHIL M01H (Honors) courses because credit will only be awarded to the first course completed.</b>						
53372	05/26/2009	06/18/2009	ALBANO P	NOON-03:15pm	MTWTh	HSS-206
51903	06/15/2009	08/06/2009	THIEL D	6.50 HRS/WK	ARR	TV
NOTE: CRN 51903 is instruction delivered through televideo programming. DVD/VHS, text and materials can be purchased at the Bookstore. Only three class meetings on campus are required: orientation, midterm, and final. The orientation includes an explanation of the syllabus, course objectives, review of assignments, and suggested strategies for success. ORIENTATION: Wednesday, 6/17/09 from 7:00-9:00 pm in the FORUM. MIDTERM: Wednesday, 7/8/09 from 7:00-9:00 pm in the FORUM. FINAL: Wednesday, 8/5/09 from 7:00-9:00 pm in the FORUM. Instructor contact information is dthiel@vcccd.edu.						
51784	06/22/2009	07/27/2009	ALBANO P	10:30am-12:45pm	MTWTh	HSS-104
53760	06/22/2009	08/05/2009	FAULDERS TA	06:30pm-09:45pm	MW	HSS-206
53142	07/06/2009	07/29/2009	FONTAINE VF	08:00am-11:15am	MTWTh	HSS-205
<b>PHIL M02</b>	<b>Introduction to Ethics</b> .....					<b>3.00 Units</b>
<b>OTHER: Students cannot complete both PHIL M01 and PHIL M01H (Honors) courses because credit will only be awarded to the first course completed.</b>						
53924	05/26/2009	06/18/2009	KALUGIN VV	NOON-03:15pm	MTWTh	HSS-203
51661	06/22/2009	07/27/2009	FONTAINE VF	01:00pm-03:15pm	MTWTh	HSS-100
<b>PHIL M07</b>	<b>Introduction to Logic</b> .....					<b>3.00 Units</b>
54585	05/26/2009	06/18/2009	BIRMINGHAM J	NOON-03:15pm	MTWTh	HSS-101
53761	06/22/2009	07/27/2009	BIRMINGHAM J	01:00pm-03:15pm	MTWTh	HSS-205
51783	06/22/2009	08/05/2009	MATHER LJ	06:30pm-09:45pm	MW	HSS-230

## PHOTOGRAPHY

<b>PHOT M01A</b>	<b>Beginning Photography</b> .....					<b>3.00 Units</b>
51564	06/22/2009	07/28/2009	GRAY JM	10:00am-01:50pm	MTWTh	HSS-129
51567	06/22/2009	07/30/2009	CALLIS S	06:00pm-10:50pm	MTTh	HSS-129
<b>PHOT M06</b>	<b>Electronic and Digital Photography</b> .....					<b>3.00 Units</b>
<b>PREREQUISITE: A course in the discipline.</b>						
<b>MATERIALS FEE: \$5.00</b>						
52364	05/26/2009	06/18/2009	KASALOVIC SS	08:00am-12:50pm	MTWTh	COM-109
	PLUS			2.00 HRS/WK	ARR	TBA
<b>PHOT M60D</b>	<b>Laboratory Practice</b> .....					<b>1.00 Unit</b>
51833	06/22/2009	07/30/2009	GRAY JM	6.00 HRS/WK	ARR	HSS-129
NOTE: CRN 51833 This class will meet 6/22/2009 at 2:00 p.m. in HSS 129.						

Some class offerings and room assignments may have changed since printing this schedule.

COURSE#	START DATE	END DATE	INSTRUCTOR	CLASS TIME	CLASS DAYS	LOCATION
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## PHYSICAL EDUCATION

<b>PE M01A Walking for Fitness</b> .....	<b>1.00 Unit</b>
52690 06/22/2009 07/27/2009 KEPHART TA 08:30am-09:45am MTWTh	G-TRACK

### 2009 Fitness Lab Hours

Orientation & Pre-Testing Days/Times

Mon-Sat – 7am, 8:30am, 10am, 11:30am, 1pm, 4pm, 5:30pm & 7pm

1. Fitness Lab Orientation (1st week of school)
2. Pre-Testing (2nd week of school)
3. Make-Ups for Orientation & Pre-testing (3rd week of school)

<b>PE M02A Body Conditioning/Fitness Center</b> .....	<b>0.50 Unit</b>
52511 06/22/2009 07/27/2009 BURKHART SM 3.00 HRS/WK	ARR G-227

<b>PE M02A Body Conditioning/Fitness Center</b> .....	<b>1.00 Unit</b>
52510 06/22/2009 07/27/2009 BURKHART SM 6.00 HRS/WK	ARR G-227

<b>PE M02A Body Conditioning/Fitness Center</b> .....	<b>1.50 Units</b>
54784 06/22/2009 07/27/2009 THURSTON WJ 8.00 HRS/WK	ARR G-227

<b>PE M02B Body Conditioning/Free Weights</b> .....	<b>1.00 Unit</b>
53012 05/26/2009 06/17/2009 MACKAY R 10:30am-12:45pm	MTWTh G-127

<b>PE M02B Body Conditioning/Free Weights</b> .....	<b>1.50 Units</b>
55270 06/22/2009 07/27/2009 CHEEVERS S 05:00pm-07:15pm	MTWTh G-127

<b>PE M03A Running for Fitness and Conditioning</b> .....	<b>1.50 Units</b>
54827 06/22/2009 07/28/2009 KEPHART TA 08:30am-09:45am	MTWTh G-TRACK

<b>PE M05 Bowling</b> .....	<b>1.50 Units</b>
<b>MATERIALS FEE: \$7.00</b>	
53630 05/26/2009 06/18/2009 RUTER SA 09:00am-12:15pm	MTWTh BRUN

NOTE: CRN 53630 requires a fee of \$7.00 per class (3 games) which includes shoes. Class held at Brunswick Bowl in Simi Valley.

<b>PE M06A Beginning Golf</b> .....	<b>1.00 Unit</b>
54270 05/26/2009 06/18/2009 THURSTON WJ 08:00am-11:50am	TTh G-GOLF
51824 06/22/2009 07/27/2009 WAGNER KD 06:00pm-08:50pm	MW G-GOLF
51590 06/23/2009 07/28/2009 THURSTON WJ 06:00pm-08:50pm	TTh G-GOLF

<b>PE M06C Intermediate Golf</b> .....	<b>1.00 Unit</b>
<b>PREREQUISITE: PE M06A</b>	
54271 05/26/2009 06/18/2009 THURSTON WJ 08:00am-11:50am	TTh G-GOLF

<b>PE M08 Power Lifting/Free Weights</b> .....	<b>1.50 Units</b>
53638 06/22/2009 07/27/2009 CHEEVERS SW 05:00pm-07:15pm	MTWTh G-127

<b>PE M11A Beginning Tennis I</b> .....	<b>1.00 Unit</b>
54279 06/22/2009 07/27/2009 ABRAHAM GV 06:00pm-08:50pm	MW G-TNCT
51649 06/23/2009 07/28/2009 ABRAHAM GV 06:00pm-08:50pm	TTh G-TNCT

<b>PE M11C Intermediate Tennis</b> .....	<b>1.00 Unit</b>
<b>PREREQUISITE: PE M11A</b>	
54285 06/22/2009 07/27/2009 ABRAHAM GV 06:00pm-08:50pm	MW G-TNCT
51650 06/23/2009 07/28/2009 ABRAHAM GV 06:00pm-08:50pm	TTh G-TNCT

<b>PE M13 Hiking and Backpacking</b> .....	<b>2.00 Units</b>
50338 06/20/2009 08/08/2009 KEPHART KF 06:00pm-08:50pm	W TR-10
PLUS 6.50 HRS/WK	TBA

NOTE: CRN 50338 requires two Saturday hikes plus one overnight hike. Dates will be announced at 1st class meeting. For additional information Mr. Kephart can be reached at kkephart@vcccd.edu.

54845 06/20/2009 08/03/2009 HOLMBERG PM 06:00pm-08:50pm	M G-116
PLUS 6.50 HRS/WK	TBA

NOTE: CRN 54845 requires two Saturday hikes plus one overnight hike. Dates will be announced at the 1st class meeting. For additional information Mr. Holmberg can be reached at PHolmberg@vcccd.edu.

### PE M15, PE M16 and PE M18 are all aerobic instructionally led classes.

<b>PE M15 Cardio Kick Boxing</b> .....	<b>1.00 Unit</b>
53644 05/26/2009 06/17/2009 DAILY L 10:30am-12:45pm	MTWTh G-122
51831 06/22/2009 07/28/2009 PAPADOPOULOS JD 03:30pm-04:45pm	MTWTh G-122

<b>PE M16 Flexible Strength/Pilates Mat</b> .....	<b>1.00 Unit</b>
53646 05/26/2009 06/17/2009 DAILY L 08:00am-10:15am	MTWTh G-122
53648 05/26/2009 06/17/2009 FRIEDLANDER DS 06:30pm-08:45pm	MTWTh G-122

<b>PE M16 Flexible Strength/Pilates Mat</b> .....	<b>1.50 Units</b>
54958 06/23/2009 08/06/2009 ROHRER ES 06:30pm-09:45pm	TTh G-122

<b>PE M18 Core Stability and Stretch</b> .....	<b>1.00 Unit</b>
55213 06/22/2009 07/27/2009 MCCARTHY R 01:00pm-02:15pm	MTWTh G-122

<b>PE M18 Core Stability and Stretch</b> .....	<b>1.50 Units</b>
53640 06/22/2009 07/27/2009 DEWET K 10:30am-12:45pm	MTWTh G-122

New, easy on-line payment plan - **eCASHIER**

See page 147 for more information or visit WebSTAR at [www.vcccd.edu/webstar](http://www.vcccd.edu/webstar)

COURSE#	START DATE	END DATE	INSTRUCTOR	CLASS TIME	CLASS DAYS	LOCATION
<b>PE M23D Advanced Baseball</b> .....						<b>1.50 Units</b>
<i>PREREQUISITE: PE M23C or equivalent.</i>						
50370	06/22/2009	07/27/2009	SCOTT CW PORTO M	04:30pm-06:45pm	MTWTh	G-BSFD
<b>PE M24D Advanced Basketball</b> .....						<b>1.50 Units</b>
<i>PREREQUISITE: PEM 24C or varsity high school experience.</i>						
50377	06/23/2009	08/06/2009	MCCARTHY R GOLDBLATT L	05:00pm-08:15pm	TTh	G-143
<b>PE M25D Advanced Football</b> .....						<b>1.50 Units</b>
50390	07/13/2009	08/05/2009	BITTNER JL	05:30pm-08:45pm	MTWTh	G-BFBD
<b>PE M29C Intermediate Track</b> .....						<b>1.50 Units</b>
53015	06/22/2009	07/27/2009	MACKAY RI KEPHART TA	06:00pm-08:15pm	MTWTh	G-TRACK
<b>PE M30D Advanced Volleyball</b> .....						<b>1.00 Unit</b>
<i>PREREQUISITE: PE M30C or equivalent playing experience.</i>						
50396	06/22/2009	07/27/2009	BURKHART SM	07:00pm-09:50pm	MW	G-143
<b>PE M38 Wrestling</b> .....						<b>1.50 Units</b>
50403	07/13/2009	08/04/2009	JACKSON AK	06:00pm-09:15pm	MTWTh	G-202
<b>PE M39 Nia Fusion Fitness</b> .....						<b>1.50 Units</b>
54952	06/22/2009	07/27/2009	DEWET K	08:00am-10:15am	MTWTh	G-122
<b>PE M64B Off Season Soccer - Men</b> .....						<b>1.00 Unit</b>
<i>RECOMMENDED PREPARATION: Understanding of soccer skills, rules and strategies and the ability to work with other students.</i>						
52699	07/13/2009	08/04/2009	ROCHE J	05:00pm-08:15pm	MTWTh	G-SCFD
<b>PE M65B Off Season Soccer - Women</b> .....						<b>1.00 Unit</b>
<i>RECOMMENDED PREPARATION: Understanding of soccer skills, rules and strategies and the ability to work with other students.</i>						
52695	07/13/2009	08/04/2009	PRIVAT EJ	05:00pm-08:15pm	MTWTh	G-SCFD

## PHYSICAL SCIENCE

<b>PHSC M01 Principles of Physical Science Laboratory</b> .....						<b>3.00 Units</b>
<i>PREREQUISITE: MATH M03 or equivalent.</i>						
54628	06/22/2009	07/27/2009	BECHT B	8.50 HRS/WK	ARR	WEB
NOTE: CRN 54628 is an online class. All course work, including all exams, are online. To take this class you must have access to a computer and be comfortable using it. You must have basic skills in work processing, email and in navigating the Internet. Please log onto <a href="http://www.sunny.moorparkcollege.edu/bbecht">http://www.sunny.moorparkcollege.edu/bbecht</a> for further information before the class starts.						

## PHYSICS

<b>PHYS M10A General Physics I</b> .....						<b>4.00 Units</b>
<i>PREREQUISITE: MATH M04A or MATH M06</i>						
50772	05/26/2009	07/13/2009	MEYER HF	04:00pm-06:15pm	MTWTh	PS-207
<b>PHYS M10AL General Physics I Laboratory</b> .....						<b>1.00 Unit</b>
<i>PREREQUISITE: MATH M06 OR MATH M07</i>						
54519	05/27/2009	07/13/2009	MEYER HF	NOON-03:15pm	MW	PS-203
<b>PHYS M20A Mechanics of Solids and Fluids</b> .....						<b>4.00 Units</b>
<i>PREREQUISITE: M25A.</i>						
<i>RECOMMENDED PREPARATION: PHYS M10A or high school physics and MATH M25B, or taken concurrently.</i>						
50408	05/26/2009	07/13/2009	MEYER HF	09:00am-11:15am	MTWTh	PS-204
<b>PHYS M20AL Mechanics of Solids and Fluids Laboratory</b> .....						<b>1.00 Unit</b>
<i>PREREQUISITE: MATH M25A</i>						
<i>RECOMMENDED PREPARATION: PHYS M20A, or taken concurrently.</i>						
50409	05/26/2009	07/09/2009	MEYER HF	NOON-03:15pm	TTh	PS-203

## PHYSIOLOGY

<b>PHSO M01 Human Physiology</b> .....						<b>5.00 Units</b>
<i>PREREQUISITE: CHEM M12 or equivalent or high school chemistry and BIOL M01 or BIOL M02A or equivalent.</i>						
54933	05/26/2009	07/02/2009	CHEROSKE AG	20.00 HRS/WK	ARR	WEB
NOTE: CRN 54933 is an online course. Students will be required to be on campus for two (2) of the five (5) exams. The on-campus exams will occur Wednesday, 6/17/09 and Thursday, 7/2/09 at 8:00 p.m. All other sessions, both lecture and lab, will be delivered online. Lectures are available via archived audio/video Powerpoint presentations. Students will be responsible for completing weekly computer-based lab exercises on their own. Live online office hours will occur biweekly on Tuesdays and Thursdays at 8 p.m. via the CCC Confer conferencing system. Students intending to register in this course should contact Prof. Cheroske at <a href="mailto:acheroske@vccd.edu">acheroske@vccd.edu</a> to ensure they have access to the computer requirements for the course and to receive introductory course information.						

Some class offerings and room assignments may have changed since printing this schedule.

COURSE#	START DATE	END DATE	INSTRUCTOR	CLASS TIME	CLASS DAYS	LOCATION
54190	05/26/2009	07/02/2009	CHEROSKE AG	20.00 HRS/WK	ARR	WEB
NOTE: CRN 54190 is an online course. Students will be required to be on campus for two (2) of the five (5) exams. The on-campus exams will occur Wednesday, 6/17/09 and Thursday, 7/2/09 at 8:00 p.m. All other sessions, both lecture and lab, will be delivered online. Lectures are available via archived audio/video Powerpoint presentations. Students will be responsible for completing weekly computer-based lab exercises on their own. Live online office hours will occur biweekly on Tuesdays and Thursdays at 8 p.m. via the CCC Confer conferencing system. Students intending to register in this course should contact Prof. Cheroske at acheroske@vcccd.edu to ensure they have access to the computer requirements for the course and to receive introductory course information.						
53697	06/22/2009	07/30/2009	HERNANDEZ JM	09:00am-1:50pm 10 HRS/WK	TTh ARR	LMC-218 WEB
54982	06/22/2009	07/30/2009	MILLER BS	07:00pm-09:50pm 05:00pm-06:50pm	MTWTh MTWTh	LMC-227 LMC-218

## POLITICAL SCIENCE

**POLS M01 Introduction to Politics..... 3.00 Units**  
 54925 06/22/2009 07/27/2009 PFEFFER SA 01:00pm-03:15pm MTWTh HSS-101

**POLS M03 American Government and Politics..... 3.00 Units**  
*OTHER: Students cannot complete both POLS M03 and POLS M03H (Honors) courses because credit will only be awarded to the first course completed.*

53362 05/26/2009 06/18/2009 MILLER JA NOON-03:15pm MTWTh HSS-238  
 51909 06/18/2009 08/06/2009 HERMAN RM 6.50 HRS/WK ARR TV  
 NOTE: CRN 51909 is instruction delivered through televideo programming. DVD/VHS, text and materials can be purchased at the Bookstore. Only three on-campus class meetings are required: orientation, midterm and final. Orientation will include an explanation of the syllabus, course objectives, review of assignments, and suggested strategies for success. ORIENTATION: Thursday, 6/18/09 from 5:00-7:00 pm in the FORUM. MIDTERM: Thursday, 7/9/09 from 5:00-7:00 pm in the FORUM. FINAL: Thursday, 8/6/09 from 5:00-7:00 in the FORUM. Instructor contact information is rherman@vcccd.edu.

51778 06/22/2009 07/27/2009 MILLER JA 08:00am-10:15am MTWTh HSS-101  
 54774 06/22/2009 07/27/2009 GOMEZ L 10:30am-12:45pm MTWTh HSS-100  
 54586 05/26/2009 07/02/2009 BALLESTERO LH 8.50 HRS/WK ARR WEB

NOTE: CRN 54586 is an on-line course taken via the Internet and a personal computer. The Moorpark College Open Access Computer Lab is available for students who need access to a computer and the Internet. To take this course, you must be familiar with discussion rooms. Go on-line at [www.moorparkcollege.edu](http://www.moorparkcollege.edu). Click "distance education" for orientation and log-in information. For additional information, contact the instructor at [lballestero@vcccd.edu](mailto:lballestero@vcccd.edu)

54587 06/23/2009 08/06/2009 GOOCH HE 06:30pm-09:45pm TTh HSS-239

**POLS M04 International Relations..... 3.00 Units**  
 55258 06/22/2009 07/27/2009 PFEFFER S 08:00am-10:15am MTWTh HSS-206

## PSYCHOLOGY

**PSY M01 Introduction to Psychology..... 3.00 Units**  
*OTHER: Students cannot complete both PSY M01 and PSY M01H (Honors) courses because credit will only be awarded to the first course completed.*

53304 05/26/2009 06/19/2009 RISS A 08:00am-11:15am MTWTh HSS-140  
 53318 05/26/2009 07/02/2009 RICHARDS DD 9.00 HRS/WK ARR WEB

NOTE: CRN 53318 is an online class beginning 5/26/09 and ending on 7/02/09. To take this course, you must be comfortable using a computer, have basic word processing, email, Internet navigation skills, and be familiar with discussion rooms. Go online to [www.moorparkcollege.edu](http://www.moorparkcollege.edu), click "distance education" for orientation and log-in information. The Moorpark College Open Access Computer Lab is available to students who need access to a computer and the Internet. For additional information, contact the instructor at [drichards@vcccd.edu](mailto:drichards@vcccd.edu).

51582 06/20/2009 08/08/2009 SCHAEFER KL 6.50 HRS/WK ARR WEB  
 NOTE: CRN 51582 is an on-line course taken via the Internet and a personal computer. The Moorpark College Open Access Computer Lab is available to students who need access to a computer and the Internet. To take this course, you must be comfortable using a computer, have basic word processing, e-mail, internet navigation skills, and be familiar with discussion rooms. Go online at [www.moorparkcollege.edu](http://www.moorparkcollege.edu). Click "distance education" for orientation and log-in information. For additional information, contact the instructor at [kschaefer@vcccd.edu](mailto:kschaefer@vcccd.edu).

51810 06/18/2009 08/06/2009 PONCE-O'ROURKE SA 6.50 HRS/WK ARR TV  
 NOTE: CRN 51810 is instruction delivered through televideo programming. DVD/VHS, text and materials can be purchased at the Bookstore. Only three on-campus class meetings are required: orientation, midterm, and final. Orientation includes an explanation of the syllabus, course objectives, review of assignments, and suggested strategies for success. Orientation: Thursday, 6/18/09 from 7:00-9:00pm in PS-115. Midterm: Thursday, 7/9/09 from 7:00-9:00 pm in PS-115. Final: Thursday, 8/6/09 from 7:00-9:00 pm in PS-115. Instructor contact information is [sponce\\_orourke@vcccd.edu](mailto:sponce_orourke@vcccd.edu) \*If unable to attend the on-campus orientation, an on-line orientation may be completed by going on-line to Webstar, log-in, select "WebCT/Blackboard Vista" and launch WebCT Vista. Select corresponding course listing.

55211 06/22/2009 07/27/2009 WILLIAMS JS 08:00am-10:15am MTWTh HSS-100  
 51524 06/22/2009 07/27/2009 POLLCOCK SJ 08:00am-10:15am MTWTh HSS-140  
 51525 06/22/2009 07/27/2009 MURDICO JV 10:30am-12:45pm MTWTh HSS-206  
 51527 06/22/2009 08/05/2009 CORZINE NL 06:30pm-09:45pm MW HSS-140

COURSE#	START DATE	END DATE	INSTRUCTOR	CLASS TIME	CLASS DAYS	LOCATION
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53390	07/06/2009	07/29/2009	LENAHAN J	13.00 HRS/WK	ARR	WEB
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NOTE: CRN 53390 is an online class beginning 7/6/09 and ending 7/29/09. Please log into the course via Webstar by going to the following URL: <http://students.vcccd.edu/webstar.htm>. For additional information about the course, e-mail the instructor at [jelenahan@yahoo.com](mailto:jelenahan@yahoo.com). Moorpark College Open Access Computer Lab is available to students who need access to a computer and the internet.

**PSY M02 Introduction Behavioral Neuroscience..... 3.00 Units**  
**PREREQUISITE: PSY M01 or PSY M01H**

**OTHER: Students cannot complete both PSY M01 and PSY M01H (Honors) courses because credit will only be awarded to the first course completed.**

53310	05/26/2009	06/18/2009	PONCE-O'ROURKE SA	NOON-03:15pm	MTWTh	HSS-140
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**PSY M04 Child Psychology ..... 3.00 Units**

53320	06/18/2009	08/06/2009	PONCE-O'ROURKE SA	6.50 HRS/WK	ARR	TV
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NOTE: CRN 53320 is instruction delivered through televideo programming. DVD/VHS, text and materials can be purchased at the Bookstore. Only three class meetings on-campus are required for orientation\*, midterm, and final. Orientation includes an explanation of the syllabus, course objectives, review of assignments, and suggested strategies for success. ORIENTATION: Thursday, 6/18/09 from 5:00-7:00pm in PS-115. MIDTERM: Thursday, 7/9/09 from 5:00-7:00pm in PS-115. FINAL: Thursday, 8/6/09 from 5:00-7:00 pm in PS-115. Instructor contact information is [sponce\\_ourourke@vcccd.edu](mailto:sponce_ourourke@vcccd.edu). \*For those unable to attend the on-campus orientation, an on-line orientation may be completed by going on-line to Webstar, log-in, select "WebCT Blackboard Vista" and launch WebCT Vista. Select corresponding course listing.

**PSY M05 Social Psychology ..... 3.00 Units**

53902	06/22/2009	07/27/2009	PERSER MO	10:30am-12:45pm	MTWTh	HSS-239
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**PSY M07 Developmental Psychology (Life Span) ..... 3.00 Units**

53322	05/26/2009	07/16/2009	BIANCHINO FS	6.50 HRS/WK	ARR	TV
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NOTE: CRN 53322 is instruction delivered through televideo programming. DVD/VHS, text and materials can be purchased at the Bookstore. Only three class meetings on campus are required: orientation, midterm, and final. Orientation includes an explanation of the syllabus, course objectives, review of assignments, and suggested strategies for success. ORIENTATION: Tuesday, 5/26/09 from 5:00-7:00 pm in Forum. MIDTERM: Tuesday, 6/16/09 from 5:00-7:00pm in Forum. FINAL: Tuesday, 7/14/09 from 5:00-7:00pm in Forum. Instructor contact information is [fbianchino@vcccd.edu](mailto:fbianchino@vcccd.edu).

**PSY M08 Abnormal Psychology..... 3.00 Units**

53951	06/22/2009	08/05/2009	JONES JL	06:30pm-09:45pm	MW	FH-119
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**PSY M13 Human Sexuality ..... 3.00 Units**

52827	06/22/2009	07/27/2009	CASE-PALL D	08:00am-10:15am	MTWTh	HSS-230
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**PSY M20 Intimacy, Relationships, and Commitment..... 3.00 Units**

53324	06/16/2009	08/04/2009	BARNETT-SHELBY C	6.50 HRS/WK	ARR	TV
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NOTE: CRN 53324 is instruction delivered through televideo programming. DVD/VHS, text and materials can be purchased at the Bookstore. Only three class meetings on campus are required; orientation, midterm, and final. Orientation includes an explanation of the syllabus, course objectives, review of assignments, and suggested strategies for success. ORIENTATION: Tuesday, 6/16/09 from 5:00-7:00 pm in PS-115. MIDTERM: Tuesday, 7/7/09 from 5:00-7:00pm in PS-115. FINAL: Tuesday, 8/4/09 from 5:00-7:00pm in PS-115. Instructor contact information is [cbarnett@vcccd.edu](mailto:cbarnett@vcccd.edu). If unable to attend the on campus orientation, an on-line orientation may be completed by going on-line to Webstar, log-in, select "WebCT/BlackboardVista" and launch WebCT Vista. Select the corresponding course listing.

## RADIO/TV

**RT M01 Media and Society ..... 3.00 Units**

53051	05/26/2009	06/18/2009	MILLER JM	13.00 HRS/WK	ARR	WEB
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NOTE: CRN 53051 is an online class. To log-in to your class, go to your Webstar account and click on the "WebCT/Blackboard Vista" link. Please note that you will not be able to access your course until the first day of class for this semester. For additional information, please contact the instructor at [joannamiller@vcccd.edu](mailto:joannamiller@vcccd.edu).

50614	06/22/2009	07/22/2009	LARSON CS	08:00am-11:15am	MTW	HSS-204
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## RADIOLOGIC TECHNOLOGY

**RADT M10A Introduction to Radiologic Technology ..... 2.00 Units**

**PREREQUISITE: Admission to the Moorpark College Radiography Program.**  
**COREQUISITE: RADT M10AL, RADT M10B**

54331	06/08/2009	07/14/2009	DARWIN RC	09:00am-11:50am	MT	HS-107B
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**RADT M10AL Introduction to Radiologic Technology Lab ..... 2.50 Units**

**PREREQUISITE: RADT M10AL, RADT M10B**  
**COREQUISITE: RADT M10A AND RADT M10B**

54335	06/08/2009	08/07/2009	DARWIN RC	12:30pm-02:45pm	MT	HS-107B
			ALDANA G	10.00 HRS/WK	ARR	TBA
54637	06/10/2009	08/07/2009	ALDANA G	11:30am-05:20pm	W	HS-107B
			PLUS	10.00 HRS/WK	ARR	TBA
54337	06/11/2009	08/07/2009	ALDANA G	11:30am-05:20pm	Th	HS-107B
			PLUS	10.00 HRS/WK	ARR	TBA

**RADT M10B Introduction Radiographic Technique ..... 2.00 Units**

**PREREQUISITE: Admission to the Moorpark College Radiography Program.**  
**COREQUISITE: RADT M10A, RADT M10AL**

54338	06/10/2009	07/16/2009	ALDANA G	08:30am-11:20am	WTh	HS-107B
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Some class offerings and room assignments may have changed since printing this schedule.

COURSE#	START DATE	END DATE	INSTRUCTOR	CLASS TIME	CLASS DAYS	LOCATION
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**RADT M49 Radiography Summer Practicum ..... 7.50 Units**

**PREREQUISITE:** RADT M02A/M02AL, RADT M02B, RADT M02BL and RADT M12

**MATERIALS FEE:** \$46.00

52885	05/26/2009	08/07/2009	DARWIN RC ALDANA G	08:00am-11:50am 01:00pm-04:50pm	MTWThF	PSJ PSJ
53541	05/26/2009	08/07/2009	DARWIN RC ALDANA G	08:00am-11:50am 01:00pm-04:50pm	MTWThF	KPWH KPWH
50597	05/26/2009	08/07/2009	DARWIN RC ALDANA G	08:00am-11:50am 01:00pm-04:50pm	MTWThF	SJH SJH
50595	05/26/2009	08/07/2009	DARWIN RC ALDANA G	08:00am-11:50am 01:00pm-04:50pm	MTWThF	KPPC KPPC
50593	05/26/2009	08/07/2009	DARWIN RC ALDANA G	08:00am-11:50am 01:00pm-04:50pm	MTWThF	SVH SVH
50590	05/26/2009	08/07/2009	DARWIN RC ALDANA G	08:00am-11:50am 01:00pm-04:50pm	MTWThF	HCMC HCMC
50582	05/26/2009	08/07/2009	DARWIN RC ALDANA G	08:00am-11:50am 01:00pm-04:50pm	MTWThF	LRRM LRRM
50587	05/26/2009	08/07/2009	DARWIN RC ALDANA G	08:00am-11:50am 01:00pm-04:50pm	MTWThF	PVH PVH

**SIGN LANGUAGE**

**SL M01 American Sign Language I ..... 3.00 Units**

54605	05/26/2009	06/18/2009	MCNICOLL LL	NOON-03:15pm	MTWTh	SX-4
52808	06/22/2009	07/27/2009	MCNICOLL LL	10:30am-12:45pm	MTWTh	SX-4

**SL M02 American Sign Language II ..... 3.00 Units**

**PREREQUISITE:** SL M01

53519	06/22/2009	07/27/2009	WECHSBERG PS	10:30am-12:45pm	MTWTh	TR-7
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**SOCIOLOGY**

**SOC M01 Introduction to Sociology ..... 3.00 Units**

**OTHER:** Students cannot complete both SOC M01 and SOC M01H (Honors) courses because credit will only be awarded to the first course completed.

53330	05/26/2009	06/19/2009	MCDILL LG	08:00am-11:15am	MTWTh	HSS-205
53340	06/17/2009	08/05/2009	MCDILL LG	6.50 HRS/WK	ARR	TV

NOTE: CRN 53340 is instruction delivered through televideo programming. DVD/VHS, text and materials can be purchased at the Bookstore. Only three on campus class meetings are required: Orientation\*, midterm, and final. Orientation includes an explanation of the syllabus, course objectives, review of assignments, and suggested strategies for success. ORIENTATION: Wednesday, 6/17/09 from 7:00-9:00pm in PS-115. MIDTERM: Wednesday, 7/15/09 from 7:00-9:00 pm in PS-115. FINAL: Wednesday, 8/5/09 from 7:00-9:00 pm in PS-115. Instructor contact information is lmcill@vcccd.edu. \*For those unable to attend the on campus orientation, an on-line orientation may be completed by going on-line to Webstar, log-in, select "WebCT/ BlackboardVista" and launch WebCT Vista. Select corresponding course listing.

51598	06/22/2009	07/27/2009	VIEIRA DS	08:00am-10:15am	MTWTh	HSS-121
54594	06/22/2009	08/05/2009	WALTERS MG	06:30pm-09:45pm	MW	FH-213
53326	06/22/2009	07/27/2009	FRATELLO CM	8.5 HRS/WK	ARR	WEB

NOTE: CRN 53326 is an on-line class beginning 6/22/09 and ending 7/27/09. Please log into the course via WebStar by going to the following URL: <http://students.vcccd.edu/webstar.htm>. For additional information about the course, e-mail the instructor at cfratello@vcccd.edu. Moorpark College Open Access Computer Lab is available to students who need access to a computer and the internet.

**SOC M02 Social Problems ..... 3.00 Units**

53400	05/26/2009	07/02/2009	FRATELLO CM	8.50 HRS/WK	ARR	WEB
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NOTE: CRN 53400 is an on-line class beginning 5/26/09 and ending 7/02/09. Please log into the course via WebStar by going to the following URL: <http://students.vcccd.edu/webstar.htm>. For additional information about the course, contact the instructor at cfratello@vcccd.edu. Moorpark College Open Access Computer Lab is available to students who need access to a computer and the internet.

**SOC M04 Intimacy, Relationships and Commitment ..... 3.00 Units**

53342	06/16/2009	08/04/2009	BARNETT-SHELBY C	6.50 HRS/WK	ARR	TV
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NOTE: CRN 53342 is instruction delivered through televideo programming. DVD/VHS, text and materials can be purchased at the Bookstore. Only three class meetings on campus are required : Orientation\*, midterm, and final. Orientation will include an explanation of the course syllabus, course objectives, review of assignments, and suggested strategies for success. ORIENTATION: Tuesday, 6/16/09 from 5:00-7:00 pm in PS-115. MIDTERM: Tuesday, 7/7/09 from 5:00-7:00 pm in PS-115. FINAL: Tuesday, 8/4/09 from 5:00-7:00 pm in PS-115. Instructor contact information is cbarnett@vcccd.edu. \*For those unable to attend the on-campus orientation, an on-line orientation may be completed by going on-line to Webstar; log-in, select "WebCT/ BlackboardVista" and launch WebCT Vista. Select the corresponding course listing.

**SOC M05 Social Psychology ..... 3.00 Units**

53903	06/22/2009	07/27/2009	PERSER MO	10:30am-12:45pm	MTWTh	HSS-239
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**SOC M15 Introduction to Criminology..... 3.00 Units**

53338	06/22/2009	07/27/2009	VIEIRA DS	10:30am-12:45pm	MTWTh	HSS-203
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See page 147 for more information or visit WebSTAR at [www.vcccd.edu/webstar](http://www.vcccd.edu/webstar)

COURSE#	START DATE	END DATE	INSTRUCTOR	CLASS TIME	CLASS DAYS	LOCATION
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## SPANISH

<b>SPAN M01 Elementary Spanish I..... 5.00 Units</b>						
50583	05/26/2009	07/02/2009	ALBRIGHT VL	NOON-03:15pm	MTWTh	FH-219
	PLUS			3.00 HRS/WK	ARR	LLR-305
50578	05/26/2009	07/02/2009	DIRIWAECHTER-MELIA CM	06:00pm-09:15pm	MTWTh	HSS-202
	PLUS			3.00 HRS/WK	ARR	LLR-305
50575	07/06/2009	08/06/2009	PARDESS DF	NOON-04:20pm	MTWTh	HSS-202
	PLUS			3.5 HRS/WK	ARR	LLR-305
<b>SPAN M02 Elementary Spanish II..... 5.00 Units</b>						
<i>PREREQUISITE: SPAN M01 or two years of high school Spanish with grades of C or better.</i>						
54535	05/26/2009	07/02/2009	LOPEZ ML	06:00pm-09:15pm	MTWTh	FH-219
	PLUS			3.00 HRS/WK	ARR	LLR-305
50588	07/06/2009	08/06/2009	RAMIL Y	NOON-04:20pm	MTWTh	FH-215
	PLUS			3.50 HRS/WK	ARR	LLR-305

## SPEECH (SEE COMMUNICATION STUDIES)

## THEATRE ARTS

<b>THA M01 Introduction to the Theatre..... 3.00 Units</b>						
54121	06/15/2009	08/06/2009	FAGAN SJ	6.00 HRS/WK	ARR	WEB
NOTE: CRN 54121 is an online class beginning 6/15/09. While the majority of this class will be online, students will be required to attend 2 outside theatrical productions. To log into your class, log on to your Webstar account and click on the "WEBCT/Blackboard Vista" link. Please note that you will not be able to access your course until the first day of classes for this semester						
54545	06/15/2009	08/06/2009	AUGUSZTINY EC	6.00 HRS/WK	ARR	WEB
NOTE: CRN 54545 is an online class beginning 6/15/09. While the majority of this class will be online, students will be required to attend 2 outside theatrical productions. To log into your class, log on to your Webstar account and click on the "WEBCT/Blackboard Vista" link. Please note that you will not be able to access your course until the first day of classes for this semester.						
<b>THA M10 Theatre Production: Acting..... 3.00 Units</b>						
55202	06/15/2009	07/31/2009	LOPRIENO JA	09:00am-12:50pm	MW	PA-100
	PLUS			14.50 HRS/WK	ARR	PA-100
<b>THA M11 Theatre Production: Technical..... 3.00 Units</b>						
<i>Recommended Preparation: THA M20 and other technical theatre training and experience.</i>						
53297	06/15/2009	07/31/2009	LOPRIENO JA	09:00am-12:50pm	MW	PA-149
	PLUS			14.50 HRS/WK	ARR	PA-149

## WORK EXPERIENCE

<b>WEXP M20 Occupational Work Experience..... 1.50 Units</b>						
54832	06/20/2009	08/08/2009	GOULD JA	14.00 HRS/WK	ARR	TBA
NOTE: CRN 54832 If you work at least 112 hours of PAID work over the semester and your work is RELATED TO YOUR CAREER GOAL OR MAJOR, within one week of registering, call 805-378-1536 or email mcwexp@vcccd.edu to reserve ONE 1-hour Orientation time: Tues. 9 am, Weds. 5:30 pm. Orientations occurs throughout the summer semester, starting in May and ending July 8. If you have not reserved your orientation appointment within one week of registering, you will be dropped from the class.						
<b>WEXP M20 Occupational Work Experience..... 3.00 Units</b>						
53226	06/20/2009	08/08/2009	GOULD JA	28.00 HRS/WK	ARR	TBA
NOTE: CRN 53226 If you work at least 225 hours of PAID work over the semester and your work is RELATED TO YOUR CAREER GOAL OR MAJOR, within one week of registering, call 805-378-1536 or email mcwexp@vcccd.edu to reserve ONE 1-hour Orientation time: Tues. 9 am, Weds. 5:30 pm. Orientations occurs throughout the summer semester, starting in May and ending July 8. If you have not reserved your orientation appointment within one week of registering, you will be dropped from the class.						
53201	06/20/2009	08/08/2009	GOULD JA	22.50 HRS/WK	ARR	TBA
NOTE: CRN 53201 If you work at least 180 hours of UNPAID work over the semester and your work is RELATED TO YOUR CAREER GOAL OR MAJOR, within one week of registering, call 805-378-1536 or email mcwexp@vcccd.edu to reserve ONE 1-hour Orientation time: Tues. 9 am, Weds. 5:30 pm. Orientations occurs throughout the summer semester, starting in May and ending July 8. If you have not reserved your orientation appointment within one week of registering, you will be dropped from the class.						
<b>WEXP M20 Occupational Work Experience..... 4.00 Units</b>						
53228	06/20/2009	08/08/2009	GOULD JA	30.00 HRS/WK	ARR	TBA
NOTE: CRN 53228 If you work at least 240 hours of UNPAID work over the semester and your work is RELATED TO YOUR CAREER GOAL OR MAJOR, within one week of registering, call 805-378-1536 or email mcwexp@vcccd.edu to reserve ONE 1-hour Orientation time: Tues. 9 am, Weds. 5:30 pm. Orientations occurs throughout the summer semester, starting in May and ending July 8. If you have not reserved your orientation appointment within one week of registering, you will be dropped from the class.						
<b>WEXP M20 Occupational Work Experience..... 8.00 Units</b>						
53230	06/20/2009	08/08/2009	GOULD JA	25.00 HRS/WK	ARR	TBA
NOTE: CRN 53230 If you work at least 300 hours of PAID work over the semester and your work is RELATED TO YOUR CAREER GOAL OR MAJOR, within one week of registering, call 805-378-1536 or email mcwexp@vcccd.edu to reserve ONE 1-hour Orientation time: Tues. 9 am, Weds. 5:30 pm. Orientations occurs throughout the summer semester, starting in May and ending July 8. If you have not reserved your orientation appointment within one week of registering, you will be dropped from the class.						
54807	06/20/2009	08/08/2009	GOULD JA	45.00 HRS/WK	ARR	TBA
NOTE: CRN 54807 Orientations occur throughout the summer semester, starting in May and ending July 8. If you have not reserved your orientation appointment within one week of registering, you will be dropped from the class.						

Some class offerings and room assignments may have changed since printing this schedule.

# COURSE DESCRIPTIONS

## PREREQUISITES, COREQUISITES & OTHER CONDITIONS

Prerequisites for Mathematics and English will be enforced prior to registration. Students who have completed courses at another college or at the high school level that could be equivalent to the prerequisites needed to register for courses at Moorpark College should have official transcripts sent to the Counseling Office to expedite the review process. Students may also hand carry official (unopened) transcripts to the Counseling Office prior to registration. Transcripts must be reviewed by a counselor to verify college course equivalencies and to determine how high school courses meet the stated prerequisites. Additional documentation may also be required such as a course outline of a previously completed course. After review by a counselor a Prerequisite for Course Equivalency Form can be completed and signed and submitted to the Admissions and Records Office at the time of registration for the desired course. Students who believe they have met the prerequisite in ways other than through completing an equivalent course may file a Petition to Challenge. The petition outlines the specific reasons students may give for challenging a prerequisite or corequisite. Petition to Challenge forms and instructions are available from a counselor in the Administration Building.

### IMPORTANT DEFINITIONS

**PREREQUISITE:** Courses that must be completed with a grade of "C" or better prior to registration in a specific course.

**COREQUISITE:** A course a student is required to take simultaneously in order to enroll in another specific course.

**RECOMMENDED PREPARATION:** Courses that should be completed prior to or in conjunction with a specific course.

**OTHER:** Other conditions/restrictions for enrollment such as mandatory field trips.

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## ANATOMY

**ANAT M01 Human Anatomy** \_\_\_\_\_ **4.00 Units**

*PREREQUISITE: BIOL M01 or BIOL M02A or equivalent.*

Examines the anatomy of human organs and organ systems from a functional perspective that focuses on an understanding of the design of the human body. In laboratory students learn to distinguish tissue types through histological specimens, and study the three-dimensional relationship of body structures through required non-human mammalian dissection. Demonstrations on human cadavers will afford students a working knowledge of the gross anatomy of the human body. Transfer credit: CSU; UC maximum credit allowed - one course if combined with ANPH M01, M01L.

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## HUMAN ANATOMY AND PHYSIOLOGY

**ANPH M01 Human Anatomy & Physiology** \_\_\_\_\_ **5.00 Units**

*PREREQUISITE: BIOL M01 OR BIOL M02A*

Introduces the structures and the relationships of human body parts and explores how the functioning of the parts is related to their structure. The combined study of anatomy and physiology allows students to effectively integrate the study of structure with functioning of the system. The themes of hierarchical structural organization and maintenance of homeostasis form the framework for the study of the human system at both macroscopic and microscopic levels. Laboratory activities examine the structure/function relationship through the required dissection of a cat. A human cadaver is used to demonstrate the principles in the human body. Applies to Associate Degree. Transfer credit: CSU; UC maximum credit allowed one course if combined with ANAT M01 or PHSO M01.

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## ANIMAL SCIENCE

**ANSC M02 Animal Health and Safety** \_\_\_\_\_ **3.00 Units**

Introduces the health and safety issues associated with the keeping of animals in captivity. Presents the essentials of a preventive medicine program, emphasizing procedures for proper hygiene, quarantine, vaccinations, and safety. Addresses the safety of the animal keeper/handler will be addressed with a consideration of zoonosis. (Formerly EATM M02) Applies to Associate Degree.

**ANSC M04 Animal Behavior** \_\_\_\_\_ **3.00 Units**

Introduction to the study of animal behavior with an emphasis on learning theory, especially classical and operant conditioning. Designed to provide the student with an understanding of how to apply the concepts of ethology and behavior modification to the maintenance and training of animals in captivity. (Same course as PSY M12.) Applies to Associate Degree. Same course as PSY M12.

**ANSC M04L Animal Behavior Lab** \_\_\_\_\_ **0.50 Unit**

*CO-REQUISITE: ANSC M04 or PSY M12*

This course consists of laboratory activities giving the student opportunities to develop skills in behavior modification and observational research. Each student will be required to train a rat and conduct an observational research project on captive animals. (Same course as PSY M12L) Applies to Associate Degree Transfer credit: CSU.

*Some class offerings and room assignments may have changed since printing this schedule.*

**100** Please see the web for the most up to date class schedule at: <http://students.vcccd.edu/scheds.htm>.

<b>ANSC M06</b>	<b>Animal Anatomy/Physiology</b>	<b>3.00 Units</b>
An introduction to the science of veterinary medicine as it applies to mammals, birds and reptiles. The course presents a practical system-by-system approach to the basic structure (anatomy) and function (physiology) of the previously mentioned groups. (Formerly EATM M06). Applies to Associate Degree. Transfer credit: CSU.		
<b>ANSC M07</b>	<b>Animal Diversity</b>	<b>3.00 Units</b>
<b>CO-REQUISITE: ANSC M07L</b>		
Introductory survey of invertebrate and vertebrate animals, both terrestrial and marine. Topics covered include classification, general characteristics, adaptations, animal recognition, evolutionary history, and basic concepts of ecology and conversation. Applies to Associate Degree.		
<b>ANSC M07L</b>	<b>Animal Diversity Lab</b>	<b>0.50 Unit</b>
<b>CO-REQUISITE: ANSC M07</b>		
This introductory laboratory course surveys the invertebrate and vertebrate animals, both terrestrial and marine. The focus will be on animal recognition, general characteristics and behavior through animal observations. Observations will be made of live animals in America's Teaching Zoo, as well as on video. Additional species will be presented in photographic slides. Applies to Associate Degree. Transfer credit: CSU, pending.		
<b>ANSC M08</b>	<b>Wildlife Conservation</b>	<b>3.00 Units</b>
<b>RECOMMENDED PREPARATION: ANSC M07</b>		
Designed to assist students in developing awareness, knowledge, skills, and commitment that will result in informed decisions, responsible behavior and constructive actions concerning wildlife and the environment. Topics will include awareness and appreciation of wildlife, human values and wildlife, wildlife conservation, cultural and social interaction with wildlife, wildlife issues and responsible human actions. Applies to Associate Degree. Transfer credit: CSU, pending.		
<b>ANSC M11</b>	<b>Avian and Reptile Care</b>	<b>1.00 Unit</b>
The anatomy, physiology, husbandry and veterinary care of Avian and Reptilian species. (Formerly EATM M24) Applies to Associate Degree.		
<b>ANSC M60BL</b>	<b>Primate Behavior Laboratory</b>	<b>1.00 Unit</b>
Observation and analysis of primate behavior at America's Teaching Zoo. Activities include the application and evaluation of operant conditioning and environmental enrichment techniques specific to primates. May be taken for a maximum of two (2) times. Applies to Associate Degree.		

## ANTHROPOLOGY

<b>ANTH M01</b>	<b>Biological Anthropology</b>	<b>3.00 Units</b>
<i>OTHER: Students cannot complete both ANTH M01 and ANTH M01H (Honors) courses because credit will only be awarded to the first course completed. Provider approved by the California Board of Registered Nursing. Provider number CEP28111 for 45 contact hours.</i>		
Introduces the scientific method as used in the study of humans as biological organisms. Focuses on human evolution and diversity, including genetics, evolution, primatology, paleoanthropology, human variation, and biocultural adaptation. Students completing this course will understand how humans relate to other living organisms, and how the tools of science are used to reconstruct the past history of our species. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>ANTH M01L</b>	<b>Physical Anthropology Lab</b>	<b>1.00 Unit</b>
<b>PREREQUISITE: Completion of or concurrent enrollment in ANTH M01</b>		
Provides hands-on understanding of principles of evolution and genetics. Covers comparative vertebrate anatomy, modern and fossil hominids, primatology, variation in modern human populations, medical genetics and adaptability. Introduces molecular biological methods. Applies to Associate Degree. Transfer Credit: CSU; UC.		
<b>ANTH M02</b>	<b>Cultural Anthropology</b>	<b>3.00 Units</b>
<i>OTHER: Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours.</i>		
Focuses on basic concepts and methods for analyzing cultural systems, illustrated with examples drawn largely from non-Western societies. Emphasis will be on the structure and evolution of human behavior in all major aspects of culture. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>ANTH M03</b>	<b>Archaeology</b>	<b>3.00 Units</b>
This course is an introduction to the history, goals and methods of archaeology. Emphasis will be placed on methods of interpreting and dating the prehistoric past through the rise of complex societies. Special emphasis will be placed on the archaeology of the New World and Ventura County in particular. Transfer credit: CSU; UC.		
<b>ANTH M04</b>	<b>Chicano Culture</b>	<b>3.00 units</b>
Focuses on the social and cultural heritage of the Middle American Chicano civilizations from the Spanish conquest to the present, emphasizing contributions in the fine arts, literature, and oral history. (Same course as CHST M02.) Provider approved by the California Board of Registered Nursing, provider number CEP2811 for 45 contact hours. Transfer credit: CSU; UC.		
<b>ANTH M07</b>	<b>Peoples and Cultures of the World</b>	<b>3.00 Units</b>
<i>OTHER: Provider approved by the California Board of Registered Nursing, provider number CEP2811 for 45 contact hours.</i>		
Considers the differences between and the commonalities among several human sociocultural groups. A variety of theoretical orientations and topical foci will be utilized. Case studies of individual cultures will be used to discuss these cultures and understand ethnographic methodologies, while comparisons of these cultures will provide an introduction to the cross-cultural perspective Transfer credit: CSU; UC.		
<b>ANTH M11</b>	<b>Magic Witchcraft and Religion</b>	<b>3.00 Units</b>
Introduces the scientific method as used in the study of humans as biological organisms. Focuses on human evolution and diversity, including genetics, evolution, primatology, paleoanthropology, human variation, and biocultural adaptation. Students completing this course will understand how humans relate to other living organisms, and how the tools of science are used to reconstruct the past history of our species. Transfer credit: CSU; UC.		
<b>ANTH M12</b>	<b>Archaeological Laboratory Procedures</b>	<b>3.00 Units</b>
<b>PREREQUISITE: ANTH M03</b>		
This course is an actual hands-on experience working with archaeological collections. Students will be taken through initial processing, sorting, washing, stabilizing and final cataloging of an excavation collection. This will be followed by detailed analysis of one aspect of the collection. May be taken four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.		

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See page 147 for more information or visit WebSTAR at [www.vccd.edu/webstar](http://www.vccd.edu/webstar)

**ANTH M601 Chumash and Their Neighbors 3.00 Units**  
This will be an in depth look at the Chumash, the major aboriginal population to occupy Ventura County in pre-Contact times. Major consideration will be given to their social, political, and economic structure and to their relations with their aboriginal neighbors and the late Spanish Colonial establishments. Transfer credit: CSU; UC credit limitations.

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## ARABIC

**ARBC M01 Elementary Arabic I 4.00 Units**  
Introduces modern standard Arabic language, culture, history and people, emphasizing speaking, understanding, reading, and writing skills. requires individualized work in the language laboratory. Applies to Associate Degree. Transfer Credit: CSU; UC.

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## ART

**ART M10 Art Appreciation 3.00 Units**  
Studies the major principles and techniques used to create visual art objects in diverse media. Assists students in developing informed perceptions and evaluations of works of art and understanding their historical and cultural contexts. (Formerly ART M02) Applies to Associate Degree. Transfer credit: CSU; UC.

**ART M11 History of Art: Prehistoric through Gothic 3.00 Units**  
The history of art from prehistoric times through the middle ages, ranging from ancient to Gothic art, with an emphasis on the western world. Examines key styles and movements in art history and introduces techniques for producing art. This course is required for art majors. (Formerly ART M01A). Applies to Associate Degree. Transfer credit: CSU; UC.

**ART M12 History of Art: Renaissance through Modern 3.00 Units**  
The history of art from the early Renaissance to modern times with an emphasis on the Western world. Continues to examine key figures and movements in art history and to introduce new techniques of producing art. This course is required for art majors. (Formerly ART M01B) Applies to Associate Degree. Transfer credit: CSU; UC.

**ART M13 History of Art: Modern through Contemporary 3.00 Units**  
This course investigates the theory and practice of the visual arts form about 1850 to the present by examining the various movements and how they reflect social and technological changes in the modern era. (Formerly ART M01C). Applies to Associate Degree. Transfer credit: CSU; UC.

**ART M20 Two Dimensional Design 3.00 Units**  
Provides background in the use of design principles, color theory and its practical applications through specific weekly projects in line, shape, texture, form and the principles of abstraction. (Formerly ART M04A) Applies to Associate Degree. Transfer credit: CSU; UC.

**ART M23 Three Dimensional Design 3.00 Units**  
**RECOMMENDED PREPARATION: ART M20**  
Introduces three-dimensional design through the study of form, structure and theory in the creation of three-dimensional projects using a variety of materials. (Formerly ART M04B) Applies to Associate Degree. Transfer credit: CSU; UC.

**ART M30 Drawing and Composition I 3.00 Units**  
Stresses graphic representation of objects through a variety of media and techniques, emphasizing pictorial composition, depth perception, perspective and rendering. (Formerly ART M12A) Applies to Associate Degree. Transfer credit: CSU; UC.

**ART M31 Drawing and Composition II 3.00 Units**  
**PREREQUISITE: ART M30**  
Expands exploration of pen and ink and watercolor washes through a study of illustrative drawing, analytic abstraction concepts and advanced problems in rendering. (Formerly ART M12B) Applies to Associate Degree. Transfer credit: CSU; UC.

**ART M32 Beginning Life Drawing I 3.00 Units**  
**PREREQUISITE: ART M30**  
Draws the human figure from live models. Emphasizes structure, proportion, form and composition through an introduction of linear and tonal concepts. Different media will be explored, including charcoal, conte crayon, pencil, pen and ink. (Formerly ART M13A) Applies to Associate Degree. Transfer credit: CSU; UC.

**ART M33 Beginning Life Drawing II 3.00 Units**  
**PREREQUISITE: ART M32**  
Expands drawing the human figure from a live model. Emphasizes freedom of expression as well as structure, proportion, form and composition. (Formerly ART M13B) Applies to Associate Degree. Transfer credit: CSU; UC.

**ART M34 Advanced Life Drawing I 3.00 Units**  
**PREREQUISITE: ART M33**  
Further expands the human figure, beginning with a skeletal structure. Uses many media; emphasizing structure, proportion, form and composition; and continues practice of linear and tonal concepts. (Formerly ART M13C). Applies to Associate Degree. Transfer credit: CSU; UC.

**ART M35 Advanced Life Drawing II 3.00 Units**  
**PREREQUISITE: ART M34**  
Further expands the human figure and skeletal structure. Uses many media; emphasizing structure, proportion, form and composition; and increasing practices of linear and tonal concepts. (Formerly ART M13D). Applies to Associate Degree. Transfer credit: CSU, UC.

**ART M40 Beginning Illustration 3.00 Units**  
**PREREQUISITE: ART M30 or concurrent enrollment ART M12A**  
Introduces pen and ink, watercolor, collage, and colored pencil techniques as principal means of self-expression. Analyzes topical themes and individual story lines as potential subject matter for weekly drawings. Same course as GR M40. Applies to Associate Degree. Transfer Credit: CSU.

**ART M41 Intermediate Illustration 3.00 Units**  
**PREREQUISITE: ART M40 or GR M40**  
Introduces advanced studies in pen and ink, watercolor washes and mixed media, exploring individual style appropriate to magazine, newspaper and book illustration. Same course as GR M41. Applies to Associate Degree. Transfer Credit: CSU.

**ART M42 Advanced Illustration 3.00 Units**  
**PREREQUISITE: ART M41 or GR M41**  
Emphasizes development of individual style through advanced illustration techniques. Requires Individual projects. Same course as GR M42 May be take two (2) times for credit. Applies to Associate Degree. Transfer Credit: CSU.

*Some class offerings and room assignments may have changed since printing this schedule.*

**102** Please see the web for the most up to date class schedule at: <http://students.vcccd.edu/scheds.htm>.

**ART M43 Beginning Painting I 3.00 Units****PREREQUISITE:** ART M30 or ART M20

Introduces the nature of structural and expressive values in contemporary painting, emphasizing form, control or pictorial order, and the uses of color and light as fundamental skills necessary to mastery of basic painting techniques. (Formerly ART M16A). Applies to Associate Degree. Transfer credit: CSU; UC.

**ART M44 Beginning Painting II 3.00 Units****PREREQUISITE:** ART M43

Continues the developments of fundamental painting skills and concepts. Emphasizing technical competence and individual concepts using both traditional and modern materials. (Formerly ART M16B). Applies to Associate Degree. Transfer credit: CSU; UC.

**ART M45 Advanced Painting I 3.00 Units****PREREQUISITE:** ART M33

One-on-one student/teacher relationship explores advanced painting concepts and techniques. Encourages personal and unique self-expression through experimentation with and interpretation of subject matter. (Formerly ART M16C). Applies to Associate Degree. Transfer credit: CSU; UC.

**ART M46 Advanced Painting II 3.00 Units****PREREQUISITE:** ART M45

More advanced work with painting concepts and techniques aimed at developing more extensive self-expression. (Formerly ART M16D) Applies to Associate Degree. Transfer credit: CSU; UC.

**ART M47 Landscape Painting I 3.00 Units****PREREQUISITE:** ART M20 or ART M30

Introduces painting skills and concepts applicable to landscape (both indoor and outdoor). Focuses on painting nature out of doors in various mediums, such as acrylics, oils, watercolor, and pastels. (Formerly ART M17A) Applies to Associate Degree. Transfer credit: CSU; UC.

**ART M48 Landscape Painting II 3.00 Units****PREREQUISITE:** ART M47

Expands the skills and concepts of painting applicable to landscape, emphasizing a more personal, creative approach. (Formerly ART M17B) Applies to Associate Degree. Transfer credit: CSU; UC.

**ART M49 Water Color I 3.00 Units****PREREQUISITE:** ART M20 or ART M30

Introduces a thorough understanding of the watercolor media, building from simple exercises to more complex problems solved in personal and creative ways. (Formerly ART M18A) Applies to Associate Degree. Transfer credit: CSU; UC.

**ART M50 Water Color II 3.00 Units****PREREQUISITE:** ART M49

Offers advanced watercolor techniques, encouraging the use of the multiple images in both landscapes and still life. (Formerly ART M18B) Applies to Associate Degree. Transfer credit: CSU; UC.

**ART M70 Beginning Ceramics I 3.00 Units****RECOMMENDED PREPARATION:** ART M72

Introduces the potter's wheel and provides practice in elementary clay construction methods as well as glazing and firing techniques. Teaches basic ceramic design concepts, form, color, texture, decoration and craftsmanship. (Formerly ART M08A) Applies to Associate Degree. Transfer credit: CSU; UC.

**ART M71 Beginning Ceramics II 3.00 Units****PREREQUISITE:** ART M70

Practices the techniques of elementary clay construction through exploration of sculptural forms and the development of glazes, decoration and firing methods. (Formerly ART M08B) Applies to Associate Degree. Transfer credit: CSU; UC.

**ART M72 Ceramic Design I 3.00 Units****PREREQUISITE:** ART M20 and ART M71

Explores clay bodies, glaze materials and calculations, and firing techniques through independent projects. Develops individual growth and creative expression. (Formerly ART M09A) Applies to Associate Degree. Transfer credit: CSU; UC.

**ART M73 Ceramic Design II 3.00 Units****PREREQUISITES:** ART M72

Offers in-depth study of ceramics through independent projects designed to enhance artistic mastery. (Formerly ART M09B) Applies to Associate Degree. Transfer credit: CSU; UC.

**ART M77 Beginning Sculpture I 3.00 Units****RECOMMENDED PREPARATION:** Any ceramics course.

Develop awareness for historical and contemporary concerns regarding three-dimensional design concepts. Encourages personal expression through materials such as paper, cardboard, plaster, wood, wire, and clay. (Formerly ART M19A) Applies to Associate Degree. Transfer credit: CSU; UC.

**ART M78 Beginning Sculpture II 3.00 Units**

Expand technical and conceptual skills will developing self-expression and personal style in sculpture. Emphasis on discovering the medium that relates to individual expression. May be taken a total of two (2) times. Applies to Associate Degree. Transfer Credit: CSU; UC.

**ART M90 Beginning Printmaking I 3.00 Units****PREREQUISITE:** ART M20

Introduces print making media, including intaglio (etching, engraving, etc.) but emphasizing relief, collograph and embossed print. (Formerly ART M15A) Applies to Associate Degree. Transfer credit: CSU; UC.

**ART M91 Beginning Printmaking II 3.00 Units****PREREQUISITE:** ART M90

Fully explores intaglio techniques, including line etching, aquatint, sugar lift and experimental techniques. (Formerly ART M15B) Applies to Associate Degree. Transfer credit: CSU; UC.

**ART M92 Advanced Printmaking II 3.00 Units****PREREQUISITE:** ART M91

Expands work in intaglio and relief, emphasizing individual exploration of solutions and experimental techniques. Applies to Associate Degree. Transfer credit: CSU; UC.

**ART M93**      **Advanced Printmaking II** \_\_\_\_\_ **3.00 Units**

**PREQUISITE:** ART M92

Offers advanced work in intaglio with greater exploration of experimental techniques. Applies to Associate Degree. Transfer credit: CSU; UC.

**ART M96**      **Airbrush Techniques I** \_\_\_\_\_ **3.00 Units**

Course covers learning airbrush techniques, the basics of airbrush illustration and photo retouching for advertising, commercial and industrial applications, and personal expression through airbrush and brush painting. (Same course as GR M50.) May be taken three (2) times for credit. Does not apply to Associate Degree.

**ART M97**      **Airbrush Techniques II** \_\_\_\_\_ **3.00 Units**

**PREREQUISITE:** ART M96

This advanced course introduces various color applications and techniques, such as transparent dyes, transparent and opaque designer color. Techniques and treatments are presented along with various "Tricks of the trade." (Same course as GR M51.) May be taken three (3) times for credit. Does not apply to Associate Degree.

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## ASTRONOMY

**AST M01**      **An Introduction to Astronomy** \_\_\_\_\_ **3.00 Units**

**RECOMMENDED PREPARATION** MATH M01 or equivalent college course, or high school algebra

Surveys the origins, history, and accomplishments of the science of astronomy. Covers observational astronomy, light, telescopes, the solar system, stars, galaxies, and cosmology. Applies to Associate Degree. Transfer Credit: CSU; UC.

**AST M01L**      **An Introduction to Astronomy Laboratory** \_\_\_\_\_ **1.00 Unit**

**PREREQUISITE:** AST M01 or AST M02 completion or concurrent enrollment in AST M01 or AST M02

Reinforces principles and techniques of astronomy through the use of telescopes, star charts, and other common devices to observe and measure the moon, the planets, and the stars. Applies to Associate Degree. Transfer credit: CSU; UC.

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## BIOLOGY

**BIOL M01**      **Introduction to Biology** \_\_\_\_\_ **4.00 Units**

**OTHER:** Majors in biology or related areas enroll in BIOL M02A. Health Science (pre-nursing) strongly recommended to take BIOL M02A

Introduces non-majors to science and scientific methodology through a study of the basic principles of biology. Course focuses on student understanding of the unity and diversity of life through discussions of topics that include biological chemistry, metabolism, cell biology, molecular biology, genetics, evolution of living systems, and ecology. Woven throughout the course are the implications of the science of biology on human affairs. Applies to Associate Degree. Transfer credit: CSU; UC.

**BIOL M02A**      **General Biology I** \_\_\_\_\_ **5.00 Units**

**PREREQUISITES:** MATH M03 or 2 years of high school algebra or equivalent and CHEM M12 or high school chemistry all with a grade C or better

First semester of general biology for majors. Introduces students to major biological themes and principles that are fundamental to an understanding of life processes in any field of biology today. Topics covered include the scientific process, biological chemistry, cellular biology, metabolism, life cycles, genetics, molecular biology, DNA technology, developmental genetics, and evolutionary processes. Students completing this course are prepared for the more advanced courses offered by the department. Applies to Associate Degree. Transfer credit: CSU; UC.

**BIOL M02B**      **General Biology II** \_\_\_\_\_ **5.00 Units**

**PREREQUISITE:** BIOL M02A.

Second semester of general biology for majors. Covers the diversity and functioning of living systems. Topics covered include origins of life, biological diversity, animal form and function, and ecology. Students completing this course will have an appreciation of the broad diversity of life forms on the planet, a basic understanding of physiological processes in animals, and an introduction to how organisms interact with their environment and each other in ecosystems. Applies to Associate Degree. Transfer Credit: CSU; UC.

**BIOL M02C**      **Genetics and Molecular Biology** \_\_\_\_\_ **5.00 Units**

**PREREQUISITE:** BIOL M02A and CHEM M07A

An extension of the genetics, molecular and cell biology introduced in BIOL M02A. Inheritance and macromolecular functioning are the focus of the course. Course emphasizes data analysis and problem-solving skills. Topics include analysis of inheritance patterns, structure and expression of DNA in viruses, bacteria, and eukaryotes, regulation of gene expression, RNA and protein functioning, and examination of current DNA analysis technologies and their applications. Applies to Associate Degree. Transfer Credit: CSU; UC.

**BIOL M03**      **Marine Life and Its Environment** \_\_\_\_\_ **4.00 Units**

Survey of marine life from microbiota through macroscopic algae and animals, including both invertebrate and vertebrate. Applies basic ecological principles to various marine ecosystems, both inshore and offshore, with an emphasis on the integration of biotic communities with the abiotic environment. Considers human impact on and uses of marine environments. Requires field trips to various marine venues as determined by instructor. Applies to Associate Degree. Transfer credit: CSU; UC.

**BIOL M11A**      **Introduction to Biotechnology and Molecular Biology I** \_\_\_\_\_ **5.00 Units**

Examines the role of molecular biology in the manufacturing of commercial pharmaceutical and agricultural products. Introduces basic biotechnology laboratory skills, including documentation, safety, and solution and buffer preparation. Develops proficiency in aseptic technique, spectrophotometry, and electrophoresis. Same course as BIOT M01A. Applies to Associate Degree. (Same course as BIOT M01A). Applies to Associate Degree. Transfer Credit: CSU; UC.

**BIOL M12A**      **Environmental Control and Process Support** \_\_\_\_\_ **2.00 Units**

**CO-REQUISITE:** BIOT M02A

Skills training in Industrial Biotechnology with emphasis on manufacturing of biopharmaceuticals. Presents an overview of the manufacturing process and introduces environmental control and process support with a focus on Good Laboratory Practices (GLP)/ Good Manufacturing Practices (GMP), clean room procedure, monitoring techniques, and required documentation. Applies to Associate Degree. Transfer Credit: CSU.

**BIOL M12C**      **Manufacturing Cell Culture and Microbial Fermentation** \_\_\_\_\_ **3.00 Units**

Skills training in Industrial Biotechnology with emphasis on manufacturing pharmaceuticals. Introduces cell culture and microbial fermentation. Focuses on bacterial techniques, microbial assessment, mammalian cell culture, bioreactor fermentation, and media preparation. Compares small and large industrial scale cell culture. (Same course as BIOT M02C). Applies to Associate Degree. Transfer Credit: CSU.

*Some class offerings and room assignments may have changed since printing this schedule.*

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**BIOL M16 Human Biology 3.00 Units**  
Introduces the biology of humans covering basic cell structure, organ systems, inheritance, reproduction, development and aging, disease process, and human evolution and ecology. Explores biology as a scientific endeavor and analyzes the functioning of the human body both as an integrated system and as a part of the ecosystem with special attention to physiological structure and function. Emphasizes acquisition of knowledge needed to make intelligent decisions on bioethical issues that face society. Applies to Associate Degree. Transfer credit: CSU; UC.

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## BIOTECHNOLOGY

**BIOT M01A Introduction to Biotechnology and Molecular Biology I 4.00 Units**  
Examines the role of molecular biology in the manufacturing of commercial pharmaceutical and agricultural products. Introduces basic biotechnology laboratory skills, including documentation, safety, and solution and buffer preparation. Develops proficiency in aseptic technique, spectrophotometry, and electrophoresis. (Same course as BIOL M11A) Applies to Associate Degree. Transfer Credit: CSU; UC.

**BIOT M02A Environmental Control and Process Support 2.00 Units**  
Skills training in Industrial Biotechnology with emphasis on manufacturing of biopharmaceuticals. Presents an overview of the manufacturing process and introduces environmental control and process support with a focus on Good Laboratory Practices (GLP)/ Good Manufacturing Practices (GMP), clean room procedure, monitoring techniques, and required documentation. (Same course as BIOL M12A). Applies to Associate Degree. Transfer Credit: CSU.

**BIOT M02C Manufacturing Cell Culture and Microbial Fermentation 2.00 Units**  
Provides skills training in Industrial Biotechnology with emphasis on manufacturing pharmaceuticals. Introduces cell culture and microbial fermentation. Focuses on bacterial techniques, microbial assessment, mammalian cell culture, bioreactor fermentation, and media preparation. Compares small and large industrial scale cell culture. (Same course as BIOL M12C) Applies to Associate Degree. Transfer Credit: CSU.

**BIOT M50A Bridge to Biotechnology 0.50 Unit**  
Designed as a bridge for entry-level and high school students who are interested in the field of biotechnology. Includes practical, hands-on experience with current biotechnology laboratory techniques. (Same course as BIOT M50A).

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## BOTANY

**BOT M06 Plants and Society 3.00 Units**  
Introduces basic concepts related to plant structure, function, genetics, evolution, and domestication. Examines the economic, aesthetic, and ecological roles of plants, and considers the role of plants as a force in shaping civilizations. Stresses the importance of plants and plant products in everyday life, as well as their ritualistic and pharmacological uses. Presents basic scientific principles and techniques using examples from plants and their products to gain an understanding of science and its value in today's society. Applies to Associate Degree. Transfer credit: UC.

**BOT M06L Plants and Society Laboratory 1.00 Unit**  
Emphasizes plant structure and function and studies some of the major plant products used in everyday life, such as starches, oils, fibers, spices and medicines. Surveys the major groups of economically important plants, including cereals, legumes, squash and others; and reviews the principles of genetics, evolution, and plant systematics. Introduces students to basic scientific principles and techniques using examples from plants and plant products. Applies to Associate Degree. Transfer Credit: UC.

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## BUSINESS

**BUS M01A Accounting Procedures I 3.00 Units**  
*RECOMMENDED PREPARATION: MATH M09 and BUS M28 or ENGL M02*  
Covers the fundamentals of double-entry bookkeeping and the debit/credit method of recording transactions. Includes the full bookkeeping cycle from recording transactions to preparing financial statements. Emphasizes service enterprises operating as sole proprietorships. Required course for the Accounting Procedures Certificate of Achievement. Applies to Associate Degree.

**BUS M01B Accounting Procedures II 3.00 Units**  
*PREREQUISITE: BUS M01A*  
Continues the fundamentals of double-entry bookkeeping and the debit/credit method of recording transactions. Emphasizes merchandising enterprises operating as sole proprietorships. Includes purchases and sales of merchandise, inventory adjustments in both periodic and perpetual inventory systems, financial statements for merchandising enterprises, and expenditures for plant and equipment. Applies to Associate Degree.

**BUS M02A Financial Accounting I 3.00 Units**  
*RECOMMENDED PREPARATION: BUS M01A and BUS M30 and MATH M09 and BUS M28 or ENGL M02*  
*OTHER: Complies with the California IMPAC (Intersegmental Major Preparation Articulated Curriculum) Project Accounting Committee recommendations.*  
Examines financial accounting from both user and preparer perspectives, emphasizing public corporations. Explores what accounting is, why it is important, how it is used in making business decisions, and how to record and present information. Focuses on operating activities. Covers the accounting cycle, classified financial statements, information systems, internal control, and ethical issues. Applies to Associate Degree. Transfer credit: CSU; UC (BUS M02A combined with BUS M02B: maximum credit, one course).

**BUS M02B Financial Accounting II 3.00 Units**  
*PREREQUISITE: BUS M02A*  
Continues examining financial accounting related primarily to public corporations. Focuses on investing and financing activities. Explores long-term asset acquisition/use, short and long-term debt, stockholders' equity, intercompany investments, preparation and use of the Statement of Cash Flows, and financial statement analysis. Complies with the California IMPAC (Intersegmental Major Preparation Articulated Curriculum) Project Accounting Committee Recommendations. Applies to Associate Degree. Transfer credit: CSU; UC (BUS M02B combined with BUS M02A: maximum credit, one course).

**BUS M02C Managerial Accounting 3.00 Units**  
*PREREQUISITE: BUS M02A and BUS M02B*  
*OTHER: BUS M02B may be taken concurrently*

Examines how managers use accounting information in making decisions. Focuses on cost terms and concepts, methods of accounting for manufacturing costs, cost behavior and estimation, cost analysis (including cost-volume-profit analysis), cost control, budgeting, variance analysis, and responsibility accounting. Complies with the California Core Competency Model for the First Course in Accounting developed by the California Society of Certified Public Accountants Committee on Accounting Education. Applies to Associate Degree. Transfer credit: CSU; UC.

**BUS M04 Personal Finance 3.00 Units****RECOMMENDED PREPARATION:** BUS M28 or ENGL M02

Covers the personal decision-making tools related to spending, saving, borrowing, and investing decisions that individuals make during their life. The course includes investing in stocks, bonds, real estate, money management, career planning, consumer credit, banking services, housing, insurance, income taxes, retirement and estate planning. The course provides the information and decision-making tools needed to plan, and implement successful personal financial planning activities. Applies to Associate Degree. Transfer credit: CSU.

**BUS M05 Fundamentals of Investing 3.00 Units****RECOMMENDED PREPARATION:** BUS M04

Introduces investment planning and strategy to those with little or no familiarity with investing. Covers the fundamentals of structuring a portfolio to minimize risk and earn an acceptable rate of return. Explores the basics involved in allocating funds available for investment between stocks, bonds, real estate, mutual funds, money market instruments, commodities, and cash. Includes different styles of investments such as income, growth, and momentum. Applies to Associate Degree. Transfer credit: CSU.

**BUS M08 Accounting With Quickbooks 3.00 Units****PREREQUISITE:** M01A or BUS M02A

Introduces the use of QuickBooks in a computerized accounting system. Reinforces basic accounting concepts and procedures and their relationship to QuickBooks. Provides extensive hands-on experience including setting up a new company. (Same course as CIS M18.) Applies to Associate Degree.

**BUS M28 Business English 3.00 Units**

Develops fundamentals and mechanics of business English usage, reviewing grammar, sentence structure, punctuation, proof reading and written expression. Provides background for writing business letters and reports. Applies to Associate Degree. Transfer credit: CSU.

**BUS M30 Introduction to Business and Economics 3.00 Units****RECOMMENDED PREPARATION:** BUS M28 or ENGL M02

Examines basic concepts of business and the application of economic principles to the operation of business. Explores economic systems, global markets, ethics, entrepreneurship, management, human resources, marketing, accounting, finance, securities markets, money supply, the impact of information technology on business, and personal financial planning. ( Same course as ECON M30.) Applies to the Associate Degree. Transfer credit: CSU; UC.

**BUS M31 Introduction to Management 3.00 Units****RECOMMENDED PREPARATION:** BUS M30/ECON M30 and BUS M28 or ENGL M02

Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours.

Examines the fundamental concepts of management as applied to the performance of organizations, teams, and individuals. Addresses topics such as strategic planning, organizational design, the evolving role of management, leadership, and business ethics in the context of a changing and multi-cultural/international environment. Applies to Associate Degree. Transfer credit: CSU.

**BUS M32 Small Business Management 3.00 Units****RECOMMENDED PREPARATION:** BUS M30/ECON M30 and BUS M28 or ENGL M02

Focuses on establishing and managing a small business, with emphasis on planning, financing, staffing, marketing, site selection, budgeting, legal concerns, and regulatory issues. Considers the rewards and perils of owning a business. The Child Development Permit of Title 5 ECE/CD programs requires this course for Site Supervisors (Option 1) and Program Directors. (Same course as CD M25.) Applies to Associate Degree. Transfer credit: CSU.

**BUS M33 Business Law 3.00 Units****RECOMMENDED PREPARATION:** BUS M28 or ENGL M02

Examines the fundamental legal principles pertaining to business transactions. Focuses on contract law. Explores the origins of legal systems and procedures, including torts, basics of criminal law, sales and leases, agency, and ethics. Applies to Associate Degree. Transfer credit: CSU; UC (BUS M33 and BUS M34 combined: maximum credit, one).

**BUS M37 Marketing 3.00 Units****RECOMMENDED PREPARATION:** BUS M30/ECON M30 and BUS M28 or ENGL M02

Introduces basic concepts and practices of modern marketing, including strategic planning, market research, buyer behavior, target marketing, new product development, pricing, channels of distribution, and advertising. Applies to Associate Degree. Transfer credit: CSU.

**BUS M38 Advertising 3.00 Units****RECOMMENDED PREP:** BUS M30/ECON M30 and BUS M37 and BUS M28 or ENGL M02

Examines the role of advertising in business and introduces an integrated approach to market communications. Analyzes the various forms of communication including print, radio and broadcast advertising, sales promotion, public relations, and direct response marketing. Explores influences on the consumer audience as well as basic strategies for research, media planning and buying, ad creation, and the role of advertising agencies. Applies to Associate Degree. Transfer credit: CSU.

**BUS M39 Business Communications 3.00 Units****RECOMMENDED PREPARATION:** Word processing skills and BUS M28 or ENGL M01A or ENGL M02

Introduces effective business communication skills by preparing and analyzing business letters, reports and oral presentations. Emphasizes gathering, organizing, analyzing, and presenting information for decision making, interviewing and negotiating in a multicultural arena. Applies to Associate Degree. Transfer credit: CSU.

**BUS M40 International Business 3.00 Units****RECOMMENDED PREPARATION:** BUS M30/ECON M30 and BUS M28 or ENGL M02

Examines how political, economic, and cultural differences affect global business activities. Covers issues related to economic theories, government policies, foreign exchange, and monetary systems and their impact on the strategy and structure of international business. Focuses on the managerial implications of production, human resources, research and development, marketing, accounting, and financing in a global environment. Applies to Associate Degree. Transfer credit: CSU.

## CHEMISTRY

**CHEM M01A General Chemistry I 5.00 Units****PREREQUISITE:** MATH M03 or equivalent college course.**RECOMMENDED PREPARATION:** CHEM M12 or equivalent college course or one year of high school chemistry.

Study of atomic theory and stoichiometry: nomenclature and chemical reactions; thermochemistry; quantum theory and electronic structure of atoms; chemical bonding and molecular structure; physical behavior of gases; states of matter and phase equilibria; and solutions. Laboratory activities address spectroscopy; distillations; qualitative analysis; titrations; thermo chemistry; gravimetric and volumetric analyses; and colligative properties. Applies to Associate Degree. Transfer Credit: CSU; UC.

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**CHEM M01B      General Chemistry II \_\_\_\_\_ 6.00 Units****PREREQUISITE:** CHEM M01A or equivalent college course and MATH M05 or equivalent college course.

Study of chemical kinetics; phase equilibria; equilibria in gases and solutions; acids and bases; solubility and complex ions; thermodynamics; electrochemistry; qualitative and quantitative chemical and an overview of nuclear chemistry, coordination chemistry and ligand field theory, and organic chemistry. Laboratory activities address chemical kinetics; equilibria; thermodynamics; spontaneous oxidation-reduction reactions and electrolysis; selective precipitation; titrations; and exposure to ultraviolet, infrared, and nuclear magnetic resonance spectroscopy. Applies to Associate Degree. Transfer Credit: CSU; UC.

**CHEM M07A      General Organic Chemistry I \_\_\_\_\_ 5.00 Units****PREREQUISITE:** CHEM M01B or equivalent college course.

Focus on molecular structure, chemical and physical properties, and the preparation and reactivity of organic molecules with an emphasis on reaction mechanisms, synthesis, structure determination and applications. Laboratory experience involves using the appropriate methods, techniques, and instrumentation for the synthesis, purification and identification of organic compounds discussed in the lecture portion. (This is the first semester of a one-year course to fulfill the organic chemistry requirements of those majors requiring a full year of organic chemistry.) (CHEM M07A and CHEM M08/M08L combined: maximum credit, 6 units) Applies to Associate Degree. Transfer Credit: CSU; UC.

**CHEM M07B      General Organic Chemistry II \_\_\_\_\_ 5.00 Units****PREREQUISITE:** CHEM M07A or equivalent college course

Continues the study of functional groups such as carboxylic acids and their derivatives; carbonyls, amines and aromatics. Emphasizes reaction mechanisms, synthesis, and structure determination using nuclear magnetic resonance and infrared spectroscopy. Also introduces aspects of biochemistry including the study of proteins, carbohydrates, and nucleic acids. Laboratory experience involves multi-step synthetic routes, chromatography, and applications of basic techniques. Applies to Associate Degree. Transfer Credit: CSU; UC.

**CHEM M11      Foundations of General, Organic and Biochemistry \_\_\_\_\_ 5.00 Units****PREREQUISITE:** MATH M01

General, organic, and biological chemistry with an emphasis placed on medical applications; designed for students who are allied health science majors. General chemistry topics include the modern view of the atom, molecules, chemical compounds, reactions, and calculations. Organic and biochemistry topics include hydrocarbons, alcohols, aldehydes and ketones, amines, carboxylic acids and their derivatives, carbohydrates, lipids, proteins, nucleic acids, and metabolism. This course is not intended for students planning to take Chemistry M01A. Applies to Associate Degree. Transfer credit: CSU; UC.

**CHEM M12      Introductory Chemistry I \_\_\_\_\_ 5.00 Units****PREREQUISITE:** MATH M01

**OTHER:** Students cannot complete both CHEM M12 and CHEM M12H (Honors) courses because credit will only be awarded to the first course completed.

Introduces basic principles of inorganic chemistry with reference to measurement, chemical nature of matter and energy, atomic theory, elements and compounds, periodic table, bonding, molecular structure, nomenclature, chemical reactions, equations, and calculations. Course fulfills prerequisites for CHEM 01A and CHEM M13. Applies to Associate Degree. Transfer credit: CSU; UC. (No credit if taken after CHEM M01A).

## CHICANO STUDIES

**CHST M02      Chicano Culture \_\_\_\_\_ 3.00 Units****OTHER:** Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours.

Focus on the social and cultural heritage of Middle American Chicano civilizations from the Spanish conquest to the present, emphasizing contributions in the fine arts, literature, and oral history. (Same as course as ANTH M04) Applies to Associate Degree. Transfer Credit: CSU; UC.

**CHST M04      History of Mexican Americans in the United States \_\_\_\_\_ 3.00 Units**

A survey of the American experience from colonial beginnings to the present, emphasizing the history of Mexican Americans. Examines the changing roles and contributions of Mexican Americans in the context of the social, political, and economic history of the United States. (Same course as HIST M04.) Applies to Associate Degree. Transfer credit: CSU; UC.

## CHILD DEVELOPMENT

**CD M01      Introduction to Careers in ECE \_\_\_\_\_ 1.00 Unit**

Focuses on the vast array of career options that are available to the Child Development major. Career information and educational requirements, educational services, the child development permit matrix and exploration of the early childhood career lattice will be reviewed. Applies to Associate Degree. Transfer credit: CSU.

**CD M02      Human Development \_\_\_\_\_ 3.00 Units**

Examination of the major developmental milestones for children, both typical and atypical, from conception through adolescence in the areas of physical, psychological, and cognitive, emphasizing interactions between maturational processes and environmental factors including language, culture, and diversity. While studying developmental theory and investigative research methodologies, students will observe children, evaluate differences, and analyze characteristics of development at various stages. Applies to Associate Degree. (CD M02 combined with PSY M07: maximum credit, one course) . Transfer credit CSU; UC.

**CD M03      Child, Family and Community \_\_\_\_\_ 3.00 Units**

Study of environmental influences on children and families. The core components will include socialization over the lifespan; status of children in society; diverse family structures; family interpersonal relationships; schools and other educational opportunities and mass media influences. It will also include influences of age, gender and ability, race, culture, ethnic and socio-economic factors; parenting styles and social challenges related to children and families. Students will explore the impact of violence and abuse on children and the family and public policy issues relating to children and families. (Formerly CD M40) Transfer credit: CSU. Applies to Associate Degree.

**CD M04      Observation and Assessment \_\_\_\_\_ 1.50 Units****RECOMMENDED PREPARATION:** CD M02

Provides a framework to introduce assessment of children in early childhood settings through observation of children at play using understandings about children to inform teaching practice. Explores anecdotal records, rating systems, and multiple assessment strategies. Focuses on the appropriate use of assessment strategies to document growth, play, and learning to join with families in promoting children's success. Uses standards-based assessment to inform teaching practice and to ensure developmentally appropriate curriculum. Applies to Associate Degree. Transfer credit: CSU.

**CD M04L Observation and Assessment Lab 3.00 Unit****PREREQUISITE:** Requires proof of negative TB clearance**RECOMMENDED PREPARATION:** CD M02**CO-REQUISITE:** CD M04

Analysis of child behavior in a designated child development center through direct observation or equivalent multimedia. Applies observation techniques presented in the Observation and Assessment course to early childhood teaching practices. Requires use of specific observation tools to observe children's development and their interactions with adults, children, materials, and activities leading to completion of a variety of observation formats. Applies to Associate Degree. Transfer credit: CSU.

**CD M05 Equity Issues in ECE 3.00 Units**

Explore personal prejudices and biases through the examination of the principles of equity in the areas of family lifestyles, economics, gender, special needs and culture/ethnicity. (Formerly CD M36). Applies to Associate Degree. Transfer credit: CSU.

**CD M07 Music in ECE 3.00 Units**

Introduces creative movement, dance, rhythm, and song as essential components of the physical, social, emotional, creative and cognitive development of young children. Focuses on critical analysis of developmentally appropriate activities and appreciation of diversity. Encourages integration and application of music throughout the curriculum. Applies to Associate Degree. Transfer credit: CSU.

**CD M08 Art in ECE 3.00 Units****RECOMMENDED PREPARATION:** CD M02

Provides a study of the importance of art in the young child's educational experience and introduces developmentally appropriate art curriculum. Reviews art as an essential component of physical, social, emotional, creative and cognitive growth. Focuses on integration, presentation and evaluation of art activities, media and resources throughout the curriculum. Applies to Associate Degree. Transfer Credit: CSU.

**CD M09 Science and Math in ECE 3.00 Units**

Introduces theoretically sound and developmentally appropriate science and math curriculum. Emphasizes the facilitation of the inquiry approach to experiencing science and math as well as the development and evaluation of curricular materials. (Formerly CD M 53) Applies to Associate Degree. Transfer credit: CSU.

**CD M10 Language Arts in ECE 3.00 Units**

Introduces current research in children's literature and language arts and demonstrates theoretical classroom applications. Emphasizes evaluation of developmentally appropriate experiences and materials that support literature as a tool allowing communication, creativity, and logical thinking. Applies to Associate Degree. Transfer credit: CSU.

**CD M11 Programs: Preschool 3.00 Units****RECOMMENDED PREPARTION:** CD M30

Reviews history and philosophies of preschool education, introducing developmentally appropriate practices, teacher's role, learning theories, assessment, classroom environment and management, curriculum development and lesson plans. Applies to Associate Degree. Transfer: CSU.

**CD M12 Student Teaching Practicum 2.00 Units****PREREQUISITE:** CD M04 and CD M04L. Requires proof of negative TB clearance**CO-REQUISITE:** CD M12L**RECOMMENDED PREPARATION:** CD M02 and CD M11

Examines in-depth the procedures and practices for teaching young children in a range of settings. Provides opportunities to demonstrate early childhood teaching competencies, make connections between theory and practice, and develop professional behaviors. Students design and evaluate experiences that promote positive development and learning for all young children, and become informed advocates for high quality and appropriate educational practices and policies. Requires proof of negative TB clearance. Applies to Associate Degree. Transfer credit: CSU.

**CD M12L Student Teaching Practicum Lab 1.00 Unit****PREREQUISITE:** CD M04 and CD M04L. Requires proof of negative TB clearance**CO-REQUISITE:** CD M12L**RECOMMENDED PREPARATION:** CD M02 and CD M11

Under supervision at a designated Child Development Center, students demonstrate early childhood teaching competencies, make connections between theory and practices, and develops professional behaviors. Requires hands-on application of procedures and practices presented in the Student Teaching Practicum course. Provides opportunity to implement and evaluate developmentally appropriate experiences that promote positive development and learning for young children. (May be taken a maximum of two (2) times for credit). Applies to Associate Degree. Transfer credit: CSU.

**CD M13 Practicum 3 - Preschool 3.00 Units****PREREQUISITE:** CD M02, CD M04, CD M12 & M12L and requires proof of negative TB clearance

Expands knowledge of procedures and practices for teaching and assessing young children through guided student teaching in a Title 22 or Title 5 licensed preschool. Requires 56 hours per semester of student teaching in a community program. (Formerly CD M 39B) Applies to Associate Degree. Transfer Credit: CSU.

**CD M16 Behavior Management 3.00 Units****RECOMMENDED PREPARATION:** CD M02

Introduces characteristics of children with behavioral challenges and behavior management techniques. Difficult behaviors encountered by those working with children as well as techniques to cope and solve these behavior difficulties will be included. Applies to Associate Degree. Transfer credit: CSU.

**CD M23 Health, Safety and Nutrition, Children 2.00 Units****RECOMMENDED PREPARATION:** CD M02

**OTHER:** Provider approved by the California board of Registered Nursing. Provider number CEP2811 for 30 contact hours.

Introduces the laws, regulations, standards, policies and procedures and early childhood curriculum related to child health, safety, and nutrition. Identifies key components that ensure physical health, mental health and safety for both children and staff along with the importance of collaboration with families and health professionals. Focuses on integrating the concepts into everyday planning and program development for all children. Applies to Associate Degree. Transfer credit: CSU.

**CD M24 Administration in ECE 3.00 Units****PREREQUISITE:** CD M02, CD M11; and one of the following CD M06, CD M07, CD M08, CD M09, or CD M10

Introduces principles and practices of administering a child development program, emphasizing administrative needs; personnel and staffing parameters; parent/teacher relations and education; licensing requirements; professional development; specific personnel management skills; and communication. Course required by the Child Development Permit Site Supervisor (Title 5) and Program Director (Title 22). Applies to Associate Degree. Transfer credit: CSU.

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**CD M25 Administration in ECE – 2 3.00 Units**  
*PREREQUISITE: CD M02, CD M03, CD M11 & one of the following: CD M06, CD M07, CD M08, CD M09, or CD M10 with a grade of C or better.*

Focuses on establishing and managing a small business, with emphasis on planning, financing, staffing, marketing, site selection, budgeting, legal concerns, and regulatory issues. Considers the rewards and perils of owning a business. The Child Development Permit of Title 5 ECE/CD programs requires this course for Site Supervisors (Option 1) and Program Directors. (Same course as BUS M32) Applies to Associate Degree. Transfer credit: CSU.

**CD M60A Toddler Program 1.50 Units**

Provides an environment to study and observe toddlers in a naturalistic setting. Focuses on adult-toddler relationships, developmental stages, issues, concerns, and developmentally appropriate practices. Registration of children for this class is done through the Child Development Center. All children must meet California immunization guidelines. May be taken four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU.

**CD M60N Parent Conferencing 1.00 Unit**

*RECOMMENDED PREPARATION: CD M02*

An introduction to effective conferencing techniques between parents, teachers or caregivers. The course includes the impact of significant adults in the lives of children and developing a positive working relationship. Applies to Associate Degree. Transfer credit: CSU.

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## CHINESE

**CHIN M01 Elementary Chinese: Mandarin I 4.00 Units**

Introduces Mandarin Chinese language, culture, history and people, emphasizing speaking, understanding, reading and writing skills. Requires individualized work in the language laboratory. Applies to Associate Degree Transfer Credit: CSU; UC.

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## COLLEGE

**COL M01 College Strategies 3.00 Units**

Develops each student's comprehensive learning profile, applying it to the construction and implementation of educational, career and life goals. Emphasizes independent critical thinking skills, appropriate use of available resources and effective strategies for academic success. Provides opportunity for one-on-one work with faculty. Applies to Associate Degree. Transfer credit: CSU; UC.

**COL M02 College Individual Tutoring 1.00 Unit**

An introduction to the methods of individual tutoring with emphasis on learning theories and tutoring methodology. (Formerly ES M89A). Applies to Associate Degree. Transfer credit: CSU.

**COL M05 Supervised Tutoring Across Curriculum 0.00 Unit**

Individual and/or group tutoring designed to assist in reviewing course material and preparing for class assignments and tests. Does not apply to Associate Degree. Offered on a credit/no credit basis only.

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## COMMUNICATIONS (FORMERLY SPEECH)

**COMM M01 Introduction to Speech 3.00 Units**

Prepares students to be effective oral communicators in a public speaking context through instruction in basic communication theory, appropriate delivery skills, common organizational patterns, and thorough research techniques. Offers practical training in feedback and listening skills. (Formerly SPCH M01) Applies to Associate Degree Transfer Credit CSU; UC.

**COMM M03 Voice and Diction 3.00 Units**

Introduces theory and practice of voice control, emphasizing correct pronunciation, breathing control techniques, and regional and foreign dialects. Especially useful for those in theatre, forensics and broadcasting. May be taken for a total of two (2) times for credit. (Formerly SPCH M03) Applies to Associate Degree. Transfer Credit: CSU; UC.

**COMM M04 Interpersonal Communication 3.00 Units**

Provides an introduction to the dynamics of communication in one-to-one relationships, focusing on experience, behavior, and rules governing interpersonal contexts such as friendship, families, and employer-employee relations. Studies factors influencing communication are studied such as language, perception, non-verbal cues, listening, status and roles. Explores problems of communication and conflict resolution. Studies assertiveness and confidence in relating interpersonally through the communication process. (Formerly SPCH M04) Applies to Associate Degree Transfer Credit: CSU; UC.

**COMM M10A Forensics I 2.00 Units**

Provides training, rehearsal, practice and performance necessary to succeed as a competitive speech team. Emphasizes argumentation and debate, informative and persuasive speaking, and impromptu and extemporaneous speaking. Involves research and on-on-one interactive training. Requires participation in interscholastic competition or community speaker's bureau. (Formerly SPCH M10A) Applies to Associate Degree. Transfer credit: CSU.

**COMM M10B Forensics II 2.00 Units**

Provides training, rehearsal, practice and performance necessary to succeed as a competitive speech team. Emphasizes argumentation and debate, informative and persuasive speaking, and impromptu and extemporaneous speaking. Involves research and on-on-one interactive training. Requires participation in interscholastic competition or community speaker's bureau. (Formerly SPCH M10B) Applies to Associate Degree. Transfer credit: CSU.

**COMM M10C Forensics III 2.00 Units**

Provides training, rehearsal, practice and performance necessary to succeed as a competitive speech team. Emphasizes argumentation and debate, informative and persuasive speaking, and impromptu and extemporaneous speaking. Involves research and on-on-one interactive training. Requires participation in interscholastic competition or community speaker's bureau. (Formerly SPCH M10C) Applies to Associate Degree. Transfer credit: CSU.

**COMM M10D Forensics IV 2.00 Units**

Provides training, rehearsal, practice and performance necessary to succeed as a competitive speech team. Emphasizes argumentation and debate, informative and persuasive speaking, and impromptu and extemporaneous speaking. Involves research and on-on-one interactive training. Requires participation in interscholastic competition or community speaker's bureau. (Formerly SPCH M10D) Applies to Associate Degree. Transfer credit: CSU.

**COMM M25 Introduction to Rhetorical Criticism** **3.00 Units****PREREQUISITE: ENGL M01A**

Studies the principles of reasoning and rhetoric and their application to the analysis and evaluation of public discourse. Examines both the technique and the substance of discourse by exploring, rhetorical strategies, quality of argument, quality of support for claims, use of language, fallacies, as well as the demands placed on the speaker by the audience. Emphasizes the integration of critical thinking principles with techniques of effective written and spoken discourse. (Formerly SPCH M25).

**COMM M26 Rhetoric of Popular Culture** **3.00 Units**

Studies U.S. popular culture. Examines the role of popular culture in the U.S. as a mediator of cultural values and attitudes. Specifically, evaluates representation of popular culture in advertising, film, television, sports, and politics. (Formerly SPCH M26) Applies to Associate Degree Transfer Credit: CSU; UC.

**COMPUTER INFORMATION SYSTEMS****CIS M11 Basic Computer Keyboarding** **1.00 Unit**

Introduces basic beginning keyboarding techniques, emphasizing speed and accuracy to 20 words per minute. Works in a custom-designed program in Microsoft Word. Applies to Associate Degree. May be taken for a maximum of 2 times.

**CIS M12 Intermediate Computer Keyboarding** **1.00 Unit****PREREQUISITE: CIS M10 or CIS M11 or touch type 20 wpm**

Introduces students to figure and symbol skills and develops speed and accuracy through a custom-designed program in Microsoft Word. Applies to Associate Degree.

**CIS M13 Computer Keyboarding-Speed Building** **1.00 Unit****PREREQUISITE: CIS M12 or ability to type 35 wpm**

Emphasizes continued development of speed and accuracy through a programmed series of timings and drills customized the individual needs. May be taken two (2) times for credit. Applies to Associate Degree.

**CIS M14 10-Key Mastery on the Computer** **1.00 Unit**

Builds mastery of the numeric keyboard and develops speed and accuracy for data entry as well as spreadsheet and database applications in a work environment. Applies to Associate Degree.

**CIS M16 Introduction to Information Systems** **4.00 Units**

Covers development and application of information processing systems with emphasis on the microcomputer. Includes an overview of applications of computer programs in solving business programs. Provides hands-on experience with the major microcomputer business applications: word processing, spreadsheets, and computerized database management. Uses Microsoft Office Suite as the software package. Applies to Associate Degree. Transfer credit: CSU; UC.

**CIS M17 Introduction to Windows** **1.50 Units**

Introduces the Windows operating system, emphasizing running programs, entering/moving data, and performing DOS-related tasks. Includes program and file management using Explorer, Paint, and WordPad. Transfer credit: CSU Applies to Associate Degree.

**CIS M18 Accounting with QuickBooks** **3.00 Units****PREREQUISITE: BUS M01A or BUS M02A**

Introduces the use of QuickBooks in a computerized accounting system. Reinforces basic accounting concepts and procedures and their relationship to QuickBooks. Provides extensive hands-on experience including setting up a new company. (Same course as BUS M08.) Applies to Associate Degree.

**CIS M20 Microsoft Word, Part I** **1.50 Units**

An introduction to Microsoft Word. Topics include creating and editing, fonts and symbols, newspaper columns, spelling and grammar, headers and footers, page numbering, and searching on the Internet. Prepares students for the Microsoft Office User Specialist (MOUS) exam (Core Level). (May be taken for a maximum of 2 times).

Applies to Associate Degree. Transfer Credit: CSU.

**CIS M21 Microsoft Word, Part II** **1.50 Units****PREREQUISITE: CIS M20**

Introduces advanced topics in Microsoft Word, including borders and shading, merging documents, sorting text, tables and indexes, macros, fill-in forms, working with clip art. Prepares students for the Microsoft Office User specialist (MOUS) exam (Expert Level). (May be taken for a maximum of two (2) times for credit) Applies to Associate Degree.

**CIS M24 Microsoft Excel, Part I** **1.50 Units****PREREQUISITE: CIS M17**

Introduces basics of an electronic spreadsheet, working with Excel's desktop environment. Emphasizes how to enter, select commands, move the cell cursor around the worksheet, get help, save a worksheet in a workbook file, print a range of data, insert formulas, and format worksheets. Prepares student for the Microsoft Office user. Specialist (MOUS) exam (Core Level). (May be taken for a maximum of 2 times). Applies to Associate Degree. Transfer Credit: CSU.

**CIS M25 Microsoft Excel, Part II** **1.50 Units****PREREQUISITE: CIS M24**

Develops advanced spreadsheet tools for managing data and making financial decisions. Emphasizes using database functions, data tables, PivotTable reports, and Report Manager. Prepares student for the Microsoft Office User Specialist (MOUS) exam (Expert Level). (May be taken for a maximum of two (2) times for credit). Applies to Associate Degree.

**CIS M26A Microsoft Access I** **1.50 Units****PREREQUISITES: CIS M17**

Covers the basics of designing and building a database, using the latest version of Microsoft Access. The topics include, creating tables, forms, queries and reports, using built in wizards, maintaining a relational database, table joins, referential integrity, creating multi table forms and reports using basic controls and sharing data among other Microsoft Applications like Excel and Word. (May be taken two (2) times for credit). Applies to Associate Degree.

**CIS M26B Microsoft Access II** **1.50 Units****PREREQUISITE: CIS M26A**

Covers the advanced topics of Microsoft Access, such as creating advanced queries, defining relationships between tables; using advance techniques and controls to create custom forms and custom reports. Topics also include, creating custom user interface using Switchboard manager and macros, writing and using SQL (Structured Query Language); integrating Excel worksheet/text file data with Access and using data access pages to publish to Internet. Prepares student to pass the Microsoft Office User Specialist Expert-Level Examination in Access. Applies to Associate Degree. (May be taken a maximum of two (2) times for credit).

Some class offerings and room assignments may have changed since printing this schedule.

110 Please see the web for the most up to date class schedule at: <http://students.vccd.edu/scheds.htm>.



**CNSE M31 MS Windows Network Server 3.00 Units**

**RECOMMENDED PREPARATION: CNSE M30**

Provides an in-depth, hands-on introduction to Microsoft Windows Server 2003 technical support. Covers server installation; server environment configuration; and management on system policies, file system, partition, and fault tolerance. Also covers protocols configuration, remote access services implementation, internetworking and intranetworking, and troubleshooting. Applies to Associate Degree. Transfer credit: CSU.

**CNSE M43A Network Infrastructure Admin 3.00 Units**

**PREREQUISITES: CNSE M31 OR CNSE M71**

Prepares students to install, manage, monitor, configure, and troubleshoot Domain Name System (DNS), Dynamic Host Configuration Protocol (DHCP), Remote Access, Network Protocols, Internet Protocol (IP) Routing, and Windows Internet Name Service (WINS) in a Windows server network infrastructure. In addition, provides training required to manage, monitor, and troubleshoot Network Address Translation and Certificate Services. Adopts the most current Windows server technology. Prepares students for Microsoft exam 70-291. (Formerly CNSE M43) Applies to Associate Degree. Transfer credit: CSU.

**CNSE M42 Windows Server Active Directory Services 3.00 Units**

**PREREQUISITE: CNSE M31**

Prepares students to plan configure, and administer Active Directory infrastructure. Students learn how to configure Domain Name System (DNS) to manage name resolution, schema, and replication; to use Active Directory to centrally manage users, groups, shared folders, and network resources, and to administer the user environment and software with group policy; and to implement and troubleshoot security in a directory services infrastructure and monitor and optimize Active Directory performance. One of the core required courses for the Windows Server 2003 Microsoft Certified Systems Engineer (MCSE) and Microsoft Certified Systems Administrator (MCSA) and prepares students for Microsoft exam 70-294. Applies to Associate Degree. Transfer credit: CSU.

**CNSE M55 Linux Networking and System Administration 2.00 Units**

**RECOMMENDED PREPARATION: Experience with any computer system including use of mouse, use of menus and any graphical user interface**

Teaches the knowledge and skills needed to install, configure, operate, and manage the Linux operating system. It covers topics in (1) Linux system and network administration, (2) Linux network services, (3) Linux Internet services, (4) Linux system maintenance, and (5) security and problem solving. Prepare students for CompTia Linux+ certification examination. Applies to Associate Degree. Transfer Credit: CSU.

**CNSE M82 Introduction to Network Security..... 1.50 Units**

**RECOMMENDED PREPARATION: Experience with any computer system including use of mouse, use of menus and any graphical user interface.**

Provides a comprehensive overview of network security. Covers general security concepts, communication security, infrastructure security, cryptography, and operational/organizational. Also prepares students for CompTIA (Computing Technology Industry Association) Security+ certification exam. Students will be prepared to pass a foundational security exam leading to a security certification. Applies to Associate Degree. Transfer credit: CSU.

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## COMPUTER SCIENCE

**CS M10A Introduction to Computer Programming Using Structured C++ 4.00 Units**

**PREREQUISITE: MATH M06 or M07**

**RECOMMENDED PREPARATION: CS M01 M10AL combined: maximum credit for one course and one lab.**

An introduction to computer programming languages. The basic components, syntax, and semantics of the C++ programming language are covered. Introduces basic programming concepts such as algorithms, data and control structures, documentation, structured programming, arrays, and pointers. Transfer credit: CSU; UC credit limitations: CS M01, M01L and M10A.

**CS M10B Object-Oriented Programming Using C++ 4.00 Units**

**PREREQUISITE: CS M10A**

In-depth understanding of the fundamentals of object-oriented programming methodology. Included are such concepts as encapsulation, classes, data and implementation hiding, message passing, inheritance, polymorphism, function overloading, operator overloading, parameterized functions, parameterized classes, virtual functions, exception handling, and an introduction to the Standard Template Library. Applies to Associate Degree. Transfer credit: CSU; UC (CS M10A combines with CIS M16 or CS M01: maximum credit, 4 units).

**CS M10J Introduction to Computer Programming Using Java Fundamentals 4.00 Units**

**PREREQUISITE: MATH M06 OR MATH M07**

**RECOMMENDED PREPARATION: CS M01**

An introduction to computer programming. The basic components, syntax, and semantics of the Java programming language are covered. Uses the Java computer language to introduce basic programming concepts such as algorithms, data and control structures, debugging, documentation, graphical user interface (GUI) and object oriented programming. Transfer credit: CSU; UC.

**CS M20 Object-Oriented Data Structure and Algorithm Design 4.00 Units**

**PREREQUISITE: CS M10B**

An in-depth study on server-side programming. Topics include Http Servlets basics, Servlet lifecycle, sending HTML (Hypertext Markup Language) information, sending multimedia content, session tracking, security, database connectivity, applet-servlet communication, servlet collaboration, enterprise servlets and Java 2 Enterprise Edition (J2EE), Internationalization, the tea framework, Extensible Markup Language Compiler (XMLC), and Java Server Pages. Transfer credit: CSU; UC.

**CS M30 Introduction to Computer Systems 4.00 Units**

**PREREQUISITE: CS M10A OR CS M10J**

An introduction to basic computer architecture, assembly language programming, system software, and computer applications. Covers number systems, data representation, overview of operating systems, and internal organization of computers such as gates, combinational circuits, flip-flops, and the design and analysis of sequential circuits. Transfer credit: CSU; UC.

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## COUNSELING

**COUN M02 Career Development 3.00 Units**

Introduces self-assessment tools to identify college majors and careers by clarifying interests, skills, values, and personality type through self-assessment tools. Reviews decision-making processes, labor market trends, career research, interviewing skills, resume and cover letter writing, application completion, job search strategies, and use of the internet in this process. (Formerly PG M02) Applies to Associate Degree. Transfer credit: CSU.

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Please see the web for the most up to date class schedule at: <http://students.vccd.edu/scheds.htm>.

**COUN M02A Career Development-Choosing a Major and/or Career** \_\_\_\_\_ **1.50 Units**  
Introduces self-assessment tools to identify college majors and career by clarifying interests, skills, values, and personality type. Reviews decision-making process, labor market trends, career research, and use of the internet in this process.(Formerly PG M02A) [COUN M02A and M02B equals COUN M02] Applies to Associate Degree. Transfer credit: CSU.

**COUN M03 Orientation to Moorpark College** \_\_\_\_\_ **0.50 Unit**  
Introduces students to college services and requirements in order to help them define and achieve tier educational goals. Under the guidance of a counselor, students will select those topics which best meet their personal educational needs. These can include but are not limited to: associate degree and transfer requirements, basics of time management, planning a career and major, financial aid and scholarship opportunities, using the college library, and other student services and workshops. Students will produce an Education Plan at the conclusion of the course. Offered on a credit/no credit basis only. Applies to Associate Degree.

**COUN M04 Student Development in Higher Education** \_\_\_\_\_ **1.00 Unit**  
*RECOMMENDED PREPARATION: Completion of Math and English self-assessment and orientation*  
Introduces student development and the concept of lifelong resources. Explores models for student success, choosing a major/career and a college, and values clarification. Evaluates time management, study skills, and learning styles. Emphasizes problem solving and decision making skills. Develop personalized student education plan (SEP). (Formerly PG M04) Applies to Associate Degree. Transfer credit: CSU.

**COUN M06B Tools for Transfer** \_\_\_\_\_ **0.50 Unit**  
*RECOMMENDED PREPARATION: Completion of 30 transferable units.*  
To facilitate a smooth transfer from Moorpark College to four year colleges and universities, provides information about timelines and application processes including essays for applications, applications for financial aid and scholarship applications, and resources in the Transfer Center, such as on-line articulation information. Non-credit only. Applies to Associate degree.

**COUN M60C Self-Paced Career Assessment** \_\_\_\_\_ **0.50 Unit**  
Introduces online and computer-based career self-assessment tools to identify and prioritize values, interests, skills, and personality attributes culminating in options in college majors and careers in an 8-hour, self-paced format. Includes intake and exit individual counseling/career consultations to strategize next steps congruent with individual goals and objectives. Applies to Associate Degree. Transfer credit: CSU.

**COUN M60D Self-Paced Career Research** \_\_\_\_\_ **0.50 Unit**  
*RECOMMENDED PREPARATION: COUN M60C*  
Presents online and computer-based career research tools designed to assist students in evaluating and prioritizing career options. Research on specific careers and their correlating majors will culminate in first and second choices. Includes intake and exit individual counseling/career consultations to strategize next steps congruent with individual goals and objectives. Process will be completed in an 8 hour, self-paced format. Applies to Associate Degree Transfer Credit: CSU.

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## CRIMINAL JUSTICE

**CJ M01 Introduction to Criminal Justice** \_\_\_\_\_ **3.00 units**  
Introduces the history and philosophy of criminal justice in America, reviewing system recapitulation, sub-system identification, role expectations and interrelationships, crime, punishment and rehabilitation theories, and ethics, education and training issues. Transfer credit: CSU; UC.

**CJ M02 Concepts of Criminal Law** \_\_\_\_\_ **3.00 Units**  
*RECOMMENDED PREPARATION: CJ M01, ENGL M01A*  
Introduces the historical development and philosophy of law. Reviews constitutional provisions, definitions and classifications of crimes, and their application to the Criminal Justice System. Examines concepts of the law as a social force. Explores crimes against persons, property and the state as a social, religious and historical ideology. Employs legal research and review of case law methodology. Transfer credit: CSU; UC.

**CJ M04 Legal Aspects of Evidence** \_\_\_\_\_ **3.00 Units**  
*RECOMMENDED PREPARATION: CJ M01 and CJ M02*  
Introduces the origin, development, philosophy and constitutional basis of evidence, including constitutional and procedural considerations affecting arrest, search and seizure; kinds and degrees of evidence and rules governing admissibility; and judicial decisions interpreting individual rights. Transfer credit: CSU. (UC under review).

**CJ M05 Principles and Procedures of the Justice System** \_\_\_\_\_ **3.00 Units**  
*RECOMMENDED PREPARATION: CJ M01, CJ M02*  
Introduces the role and responsibilities of each segment within the Criminal Justice System: law enforcement, courts, and corrections. Reviews each subsystem's procedures from initial entry to final disposition as well as the relationship each segment maintains with its system members. Transfer credit: CSU. (UC Under review).

**CJ M06 Criminal Justice Report Writing** \_\_\_\_\_ **3.00 Units**  
Emphasizes the practical aspects of gathering, organizing, and preparing written reports for criminal justice activities on local, state and federal levels. Introduces techniques of communicating facts, information, and ideas effectively in a simple, clear and logical manner for various types of criminal justice system reports, letters, memoranda, directives and administrative reports appropriate for court presentation. Applies to Associate Degree. Transfer Credit: CSU.

**CJ M11 Criminal Investigation** \_\_\_\_\_ **3.00 Units**  
*RECOMMENDED PREPARATION: CJ M01 and CJ M02*  
Introduces fundamentals of investigation including crime scene search and recording; collection and preservation of physical evidence; scientific aids and modus operandi; sources of information; interviews and interrogation; and follow-up and case preparation. Applies to Associate Degree. Transfer credit: CSU.

**CJ M17 Anatomy of a Murder** \_\_\_\_\_ **3.00 Units**  
*RECOMMENDED PREPARATION: CJ M01 or CJ M11*  
Examines the historical and contemporary analysis of criminal homicide. Use of case studies to examine the nature and extent of murder, including serial murder and sex crime related murder. Includes victimology, suspect profiling and investigative techniques and procedures for the identification, collection, preservation and presentation of evidence from a homicide crime scene. Applies to Associate Degree. Transfer Credit: CSU.

**CJ M18 Narcotics Investigation** \_\_\_\_\_ **3.00 Units**  
*RECOMMENDED PREPARATION: CJ M01, CJ M04, CJ M11*  
Reviews identification of marijuana, opiates, dangerous drugs, hallucinogens, and their paraphernalia. Includes principles of identifying and dealing with the "user"; laws and court decisions relating to the offender fundamentals of search and arrest strategies; report writing and court testimony; prevention and control of drug abuse within society. Applies to Associate Degree. Transfer credit: CSU.

**CJ M41 Introduction to Probation, Parole and Corrections \_\_\_\_\_ 3.00 Units****RECOMMENDED PREPARATION: CJ M01**

Introduces an overview of the historical aspects of punishment and the development of contemporary correctional philosophy in the United States. Focuses on legal and practical aspects, practices and procedures of probation, parole and the correctional institutions. Rehabilitation issues, legal issues, general laws, and operations of correctional institutions, and the relationship between corrections and other components of the criminal justice system will be examined. Applies to Associate Degree Transfer credit: CSU.

**DANCE****DANC M01A Dance Appreciation \_\_\_\_\_ 3.00 Units**

Examines dance through viewing dance performances and through lectures and discussions, focusing on the historical, cultural and artistic developments and factors that influence change in dance. Applies to Associate Degree. Transfer credit: CSU; UC.

**DANC M03 Dance History \_\_\_\_\_ 3.00 Units**

Introduces through a sweeping overview of tribal, ethnic, and folk-dance forms the wide-ranging activity of dance as it has existed throughout the world. Focuses on ballet from its origin in Renaissance Europe to the present as well as twentieth century modern and jazz dance, including the contemporary scene which is international and electric. Transfer Credit: CSU; UC.

**DANC M10A Ballet I-Fundamentals \_\_\_\_\_ 1.50 Units**

Introduces basic ballet technique and terminology, including general principles of alignment, centering and posture. Requires exercises at the barre to develop flexibility, strength, control and coordination. Includes resilience and center practice of Port des Bras, simple adage and allegro movements. May be taken four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.

**DANC M10B Ballet II-Beginning \_\_\_\_\_ 1.50 Units****PREREQUISITE: DANC M10A**

Introduces new movements and terminology as part of the basic ballet technique, both at the barre and in center, combining basic movements into adage and allegro patterns. Stresses heightened technical skills. May be taken four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.

**DANC M10C Ballet III-Intermediate \_\_\_\_\_ 1.50 Units****PREREQUISITE: DANC M10B**

Introduces knowledge and development of intermediate technique both at the barre and in center, concentrating on the discipline of ballet form and the physical abilities necessary to execute movements. May be taken four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.

**DANC M11A Modern Jazz I-Fundamentals \_\_\_\_\_ 1.50 Units**

Introduces basic movement skills of modern jazz technique, emphasizing understanding and appreciation of jazz as an artistic dance form. May be taken four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.

**DANC M11B Modern Jazz II-Beginning \_\_\_\_\_ 1.50 Units****PREREQUISITE: DANC M11A**

Develops basic skills of modern jazz technique, emphasizing compositional forms and rhythms that lead to understanding and appreciation of jazz as an artistic dance form. May be taken four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.

**DANC M11C Modern Jazz III-Intermediate \_\_\_\_\_ 1.50 Units****PREREQUISITE: DANC M11B**

Continues introduction of modern jazz, emphasizing style and form as well as increased technical and choreographic skills. May be taken four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.

**DANC M11D Modern Jazz IV-Advanced \_\_\_\_\_ 2.00 Units****PREREQUISITE: DANC M11C**

Offers advanced review of modern jazz, emphasizing performance for style and form as well as increased technical and choreographic skills. May be taken four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.

**DANC M12A Modern Dance I-Fundamentals \_\_\_\_\_ 1.50 Units**

Covers the fundamentals of modern dance techniques based on the teaching of modern dance masters such as Graham, Humphrey, Limon and Laban. Develops fundamental modern technique, basic locomotor movements, movement dynamics and qualities, elements of modern dance history, evaluation and application of dance composition, and the understanding and appreciation of modern dance as an art form. Transfer credit: CSU; UC. May be taken four times for credit.

**DANC M12B Modern Dance II-Beginning \_\_\_\_\_ 1.50 Units****PREREQUISITE: DANC M12A or equivalent**

Continues to develop the basic skills in modern dance techniques based on the teaching of modern dance masters such as Graham, Humphrey, Limon, and Laban. Develops beginning modern technique, simple improvisation and composition, the understanding of the principles of alignment and motion, and to experience movement in more complex rhythmic forms. Transfer credit: CSU; UC. May be taken four times for credit.

**DANC M12C Modern Dance III-Intermediate \_\_\_\_\_ 2.00 Units****PREREQUISITE: DANC M12B**

Expands appreciation of dance as a creative art form. Focuses on modern dance techniques, emphasizing increased flexibility, strength, and coordination. Reviews dance phrase combinations by integrating rhythm, design, dynamics and motivation. May be taken four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.

**DANC M12D Modern Dance IV-Advanced \_\_\_\_\_ 2.00 Units****PREREQUISITE: DANC M12C**

Continues exploration of modern dance technique, emphasizing performance, composition and choreography. May be taken four (4) times for credit. May be taken four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.

**DANC M13A Tap I-Fundamentals \_\_\_\_\_ 1.50 Units**

Introduces some history of tap as well as basic tap techniques and elementary dances, routines and rhythm structures. Develops motor coordination and rhythm. May be taken four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.

**DANC M13B Tap II-Beginning \_\_\_\_\_ 1.50 Units****PREREQUISITE: DANC M13A**

Expands tap dancing techniques, including music theory concepts and syncopated rhythms. Further develops motor coordination and rhythm and expands historical awareness. May be taken four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.

Some class offerings and room assignments may have changed since printing this schedule.

**DANC M13C Tap III-Intermediate 1.50 Units****PREREQUISITE:** DANC M13B.

Builds upon the basic tap vocabulary and techniques introduced and explored previously in levels I (fundamental) and II (beginning). Musical theory concepts as they apply to the syncopated rhythms of tap dance will provide an opportunity to further develop motor coordination and rhythm. Exploration into the fusion of tap with other dance techniques will also be explored. Applies to Associate Degree. Transfer credit: CSU/UC.

**DANC M14A Choreography, Modern Dance-Fundamentals 2.00 Units****PREREQUISITE:** DANC M12B.

Introduces basic principles and practical applications of dance composition. Focuses on forms of expression; develops space, time and energy into dance; and integrates dance movement technique as a form of expression. Requires solo and small group choreography and improvisations. May be taken four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.

**DANC M15 Choreography 2.00 Units****PREREQUISITES:** Two of the following courses: DANC M10C, DANC M11C, or DANC M12C**CO-REQUISITE:** DANC M51A or M51B or M51C or M51D**RECOMMENDED PREPARATION:** Concurrent enrollment in DANC M55.

Introduction to the theory and techniques of dance composition. Elements of choreography are applied to dance improvisation, ballet, jazz, and modern dance. The focus of movement is enhanced through the analysis of basic problems and issues of choreography. Emphasis is placed on student application of choreographic concepts through the development of solo and group movement compositions. Applies to Associate Degree. Transfer Credit: CSU; UC.

**DANC M16A Hip Hop 1 – Fundamentals 1.50 Units**

Introduces the fundamentals of hip-hop dancing, pop and lock, hip-hop funk, krumping, freestyling, break dancing, syncopations and rhythms as applied in commercial hip-hop venues. Develops flexibility, strength, control, coordination, endurance, style and the understanding and appreciation of hip-hop and its cultural significance and history. Applies to Associate Degree. Transfer credit: CSU; UC.

**DANC M30A Ballroom I 1.50 Units**

Introduces history, music and fundamental practices of ballroom dancing. Includes basic steps, variations and styling techniques for the foxtrot, swing, waltz, cha-cha, tango, rumba, samba, mambo, polka and selected novelty dances. May be taken four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.

**DANC M30B Ballroom II 1.50 Units****PREREQUISITE:** DANC M30A

This course is designed to further students' knowledge of and expertise in ballroom dancing. Students will review basic steps and increase their repertoire of variations and styling techniques for the foxtrot, swing, waltz, cha-cha, tango, rumba, samba, mambo, polka and selected novelty dances. Students will be expected to attend at least one out of class dance. May be taken four (4) times for credit. Applies to Associate Degree. Transfer credit: USC; UC.

**DANC M32 Swing Dance 1.50 Units**

An overview of American Swing Dance in the 20th century. Areas of study include, but are not limited to: movement theory, dance vocabulary, dance courtesies, fundamentals of music as they relate to dance, and dance history. Students will be exposed to vintage dance forms as well as current trends. May be taken for a total of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.

**DANC M51D Dance Performance/Production IV 2.00 Units****PREREQUISITE:** Intermediate dance class**RECOMMENDED PREPARATION:** Concurrent enrollment in dance class

Offers practical experience in the many phases of dance productions, concerts and demonstrations. Focuses on dance performance with some review of choreography and staging. May be taken four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.

**DANC M55 Dance Rehearsal and Performance 1.50 Units****CO-REQUISITE:** Enrolled in a dance technique class

Rehearsal and performance based course focusing on learning repertory choreographed by students, faculty and guest artists. Explores various styles and genres of artistic dance, including ballet, modern, tap, hip hop, jazz, and ethnic dance traditions. Course culminates in a performance of the works learned in a formal concert environment. Number of units acquired is based on hours of class attendance. Applies to Associate Degree. Transfer credit: CSU; UC .

## DRAFTING

**DRFT M01 Introduction to Drafting 3.00 Units**

Introduces use and care of drafting equipment and instruments, lettering, theory of orthographic projection, pictorial drawings, sketches, and working drawings. Applies to the Associate Degree. Transfer credit: CSU.

**DRFT M02A Computer Aided Drafting I 3.00 Units****PREREQUISITE:** DRFT M01 or DRFT M03A or equivalent.**RECOMMENDED PREPARATION:** CIS M17 or prior computer use.

Foundation course in AutoCAD (Computer-Aided Design software). Explores CAD drawing and editing concepts, principles, and commands while preparing basic 2D technical drawings. May be taken two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.

**DRFT M02B Computer Aided Drafting II 3.00 Units****PREREQUISITE:** DRFT M02A or equivalent.

For architecture, engineering and industrial design students. An advanced course which emphasizes the development of a 3D object during the design process. Provides skill development in the use of 3D graphical techniques to produce wire frame, surface and solid design models. Includes hands-on computer simulation techniques and development of working and rendered presentation drawings. Requires basic knowledge of AutoCAD design software. Fees will apply. May be taken two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC, credit limitations.

**DRFT M03A Architectural Drafting I 3.00 Units**

Introduces fundamentals of preparing architectural drawings, emphasizing use and care of drafting equipment and instruments, lettering, line work and dimensioning. Focuses on preparing various plan, elevation and sectional views, details, sketches, working drawings, orthographic and isometric drawings. Presents basic elements of building requirements and codes will be presented. May be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU.

**DRFT M04 Architectural CAD 3.00 Units****PREREQUISITE:** DRFT M02B, DRFT M03 or equivalent

This course will introduce students to the development of architectural drawings with the use of computer-aided drafting, utilizing three-dimensions for a walk-through effect. May be taken two (2) times for credit. Transfer credit: CSU.

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**DRFT M08 Energy Conservation Code 3.00 Units**

Introduces requirements and necessary forms regarding Title 24 of the State Energy Code. Applies to Associate Degree. Transfer credit: CSU.

**DRFT M11 Building Codes 3.00 Units**

Introduces building codes related to structural, plumbing, heating, air conditioning, and electrical components of buildings constructed in Southern California. Applies to Associate Degree.

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## ECONOMICS

**ECON M01 Principles of Microeconomics 3.00 Units**

Examines the function of the market mechanism and its strengths and weaknesses in allocating scarce resources in the economy. Develops a method of thinking by investigating and applying the principles of economic inquiry to the behavior of individual consumers, producers and industries. The structure of industries and the distribution of resources are examined. May not be taken concurrently with ECON M02 Transfer credit: CSU; UC.

**ECON M02 Principles of Macroeconomics 3.00 Units**

*OTHER: Students cannot complete both ECON M02 and ECON M02H (Honors) courses because credit will only be awarded to the first course completed.*

Introduces macroeconomic issues such as unemployment, inflation, taxation, economic growth, trade balance, the Classical and Keynesian models, government deficits, fiscal and monetary policy. Examines the role of government policy in relation to these issues. reviews recent economic events such as recession, recovery and boom. Includes analysis and evaluation of real-life macroeconomic phenomena through deduction of the logical consequences of well-defined assumptions. Applies to Associate Degree. Transfer Credit: CSU; UC.

**ECON M30 Introduction to Business and Economics 3.00 Units**

*RECOMMENDED PREPARATION: BUS M28 or ENGL M02 Same course as BUS M30*

Examines basic concepts of business and the application of economic principles to the operation of business. Explores economic systems, global markets, ethics, entrepreneurship, management, human resources, marketing, accounting, finance, securities markets, money supply, the impact of information technology on business, and personal financial planning. ( Same course as BUS M30.) Applies to the Associate Degree. Transfer credit: CSU; UC.

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## EDUCATION

**EDU M02 Introduction to Teaching 3.00 Units**

*RECOMMENDED PREPARATION: ENGL M01A*

This introductory foundation course is designed to provide students with the fundamental knowledge of the understanding of the American educational enterprise, especially problems in urban multicultural schools. Concepts and methods from the fields of sociology, philosophy, and the politics of education are used to gain knowledge of, understand, and analyze the current conditions of American schools and to evaluate selected proposals/models for reform. A minimum of 20 hours of observation and participation in a multicultural school and community setting is required. Applies to Associate Degree. Transfer credit: CSU, pending.

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## ENGINEERING

**ENGR M04 Engineering and Design/Cad 3.00 Units**

*PREREQUISITE: DRFT M01 or one year of high school drafting or equivalent.*

Introduces engineering as a profession by exploring systematic design techniques, written communication, and makeup of the various engineering programs. Requires extensive use of computer-aided drafting software and completion of a design project. Applies to the Associate Degree. Transfer credit: CSU; UC.

**ENGR M16 Engineering Statics and Strength of Materials 4.00 Units**

*PREREQUISITE: PH M20A/M20AL*

Covers vector algebra, equivalent force systems, free body diagrams and equilibrium, structural mechanics, behavior of deformable solids, stress and strain, tension, compression, flexure, torsion, beams, columns, statically indeterminate problems, mutiaxial stresses, and theories of strength. Applies to Associate Degree. Transfer Credit: CSU; UC.

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## ENGLISH

**ENGL M01A English Composition 4.00 Units**

*PREREQUISITE: ENGL M02 or completion of the assessment process*

*OTHER: Students cannot complete both ENGL M01A and ENGL M01AH (Honors) courses because credit will only be awarded to the first course completed.*

Emphasizes expository writing that demonstrates the principles of thesis and support, logical organization and development, clear paragraph and sentence construction, control of diction, and command of the conventions of English usage. Includes research and documentation of sources. Develops analytical and interpretive reading skills. Applies to Associate Degree. Transfer Credit: CSU; UC. (English M01AH and ENGL M01A combined: maximum credit, one course).

**ENGL M01AH Honors: English Composition 4.00 Units**

*PREREQUISITE: ENGL M02 with a grade of B or better, or the completion of the assessment process.*

*OTHER: Students cannot complete both ENGL M01A and ENGL M01AH (Honors) courses because credit will only be awarded to the first course completed.*

Emphasizes expository writing that demonstrates the principles of thesis and support, logical organization and development, clear paragraph and sentence construction, control of diction, and command of the conventions of English usage. Includes research and documentation of sources. Develops analytical and interpretive reading skills. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications, and enrichment opportunities. Applies to Associate Degree. Transfer Credit: CSU; UC. (English M01AH and ENGL M01A combined: maximum credit, one course).

COURSE DESCRIPTION

Some class offerings and room assignments may have changed since printing this schedule.

116 Please see the web for the most up to date class schedule at: <http://students.vccd.edu/scheds.htm>.

**ENGL M01B Literature: Critical Thinking and Composition** 3.00 Units**PREREQUISITE:** ENGL M01A.*OTHER: Students cannot complete both ENGL M01B and ENGL M01BH (Honors) courses because credit will only be awarded to the first course completed.*

Critical thinking and writing skills in close textual analysis of issues and themes in fiction, poetry, and drama as well as in non-fictional literature and literary criticism. Review deductive and inductive reasoning, recognition and avoidance of logical fallacies, and relationships between language and meaning. Emphasizes detailed critical analysis. Applies to Associate Degree. Transfer credit: CSU; UC. (English M01BH and ENGL M01B combined: maximum credit, one course).

**ENGL M01BH Honors Literature: Critical Thinking and Composition** 3.00 Units**PREREQUISITE:** ENGL M01A with a grade of B or better.*OTHER: Students cannot complete both ENGL M01B and ENGL M01BH (Honors) courses because credit will only be awarded to the first course completed.*

Honors work in critical thinking and writing skills in close textual analysis of issues and themes in fiction, poetry, and drama as well as in non-fictional literature and literary criticism. Reviews deductive and inductive reasoning, recognition and avoidance of logical fallacies, and relationships between language and meaning. Emphasizes detailed critical analysis. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications and enrichment opportunities. Applies to Associate Degree. Transfer credit: CSU; UC. (English M01BH and ENGL M01B combined: maximum credit, one course).

**ENGL M01C Critical Thinking and Composition** 3.00 Units**PREREQUISITE:** ENGL M01A*OTHER: Students cannot complete both ENGL M01C and ENGL M01CH (Honors) courses because credit will only be awarded to the first course completed.*

Develops work in advanced levels of critical thinking, reading and writing. Focuses on the development of logical reasoning as well as analytical and argumentative writing skills. Applies to Associate Degree. Transfer credit: CSU; UC. (English M01CH and ENGL M01C combined: maximum credit, one course).

**ENGL M01CH Honors: Critical Thinking and Composition** 3.00 Units**PREREQUISITE:** ENGL M01A with a grade of B or better.*OTHER: Students cannot complete both ENGL M01C and ENGL M01CH (Honors) courses because credit will only be awarded to the first course completed.*

Develops honors work in advanced levels of critical thinking, reading and writing. Focuses on the development of logical reasoning as well as analytical and argumentative writing skills. Applies to Associate Degree. Transfer credit: CSU; UC. (English M01CH and ENGL M01C combined: maximum credit, one course).

**ENGL M02 Introduction to College Writing** 3.00 Units

Introduces college-level writing, focusing on composing clear, organized paragraphs and short essays. Stresses development and support of coherent central ideas with relevant reasoning and examples. Offers instruction in the writing process (preparation, organization, development, revision, editing) as well as grammar, punctuation and sentence structure. Includes college-level reading and real-world applications. Applies to Associate Degree.

**ENGL M03 Writing Skills** 3.00 Units

Helps students strengthen their basic writing skills. It involves intensive practice in developing ideas, making clear statements, and organizing information at the level of the paragraph and short essay. Grammar, spelling, vocabulary, and sentence structure are also emphasized in order to compose, revise, and edit essays. Students will write regularly and learn word processing skills on a computer (in computer lab) as part of the composing process. Does not apply to the Associate Degree.

**ENGL M05 Radio/Television Script Writing** 3.00 Units**PREREQUISITE:** ENGL M01A

Students will develop skills in the analysis and preparation of news, commercials, program formats, public service announcements, and dramatic scripts including situation comedy, made-for-television movie, continuing dramatic series, and theatrically released motion picture. (Same course as RT M05). Applies to Associate Degree. Transfer credit: CSU.

**ENGL M10A Creative Writing** 3.00 Units**PREREQUISITE:** ENGL M01A

This course introduces tactics for effective creative writing through writers' workshop. Student writers learn techniques in fiction and poetry writing, then have opportunity to practice, critique and revise their original work in a supportive setting. Transfer credit: CSU; UC.

**ENGL M13A Major American Writers I** 3.00 Units**PREREQUISITE:** ENGL M01A

Introduces American writing from the colonial era to the end of the end of the Civil War, emphasizing works for major writers in their literary, historical and cultural contents. Includes such authors as authors as Bradstreet, Edwards, Franklin, Poe, Melville, Hawthorne, Emerson, Thoreau, Whitman, and Dickinson as well as lesser known writers such as Equiano and Stowe. Applies to Associate Degree. Transfer credit: CSU; UC.

**ENGL M15A Survey of English Literature I** 3.00 Units**PREREQUISITE:** ENGL M01A

Surveys major works of British literature from the Romantic period to the present in their literary, historical, and cultural contexts. Includes lectures, discussions, examinations, and critical papers. Applies to the Associate Degree. Transfer credit: CSU; UC.

**ENGL M17 Shakespeare** 3.00 Units**PREREQUISITE:** ENGL M01A

Surveys several plays, including comedies, histories, tragedies, and "problem plays." Discusses works of Shakespeare in their social context. Introduces the sonnets. Includes lectures, discussions, and critical papers. Applies to Associate Degree. Transfer credit: CSU; UC.

**ENGL M29A The Bible as Literature: (Old Testament)** 3.00 Units

Introduces the 39 books of the Old Testament and the Old Testament Apocrypha through lecture, reading, and discussion. Emphasizes literary qualities such as characters, recurrent themes, motifs, images and symbols, as well as major genres and representative forms of Biblical writings. Applies to Associate Degree. Transfer credit: CSU; UC.

**ENGL M31 Masterpieces of World Literature II** 3.00 Units**PREREQUISITE:** ENGL M01A or equivalent

Surveys important works of literature from about 1650 CE to the present. Includes works from the Americas, Asia, Europe, and Africa. Applies to Associate Degree. Transfer credit: CSU; UC.

**ENGL M70 Grammar/Punctuation Review** 1.00 Unit

Reviews the rules and conventions of standard English grammar and punctuation. Develops students' ability to write concise, clear, correct sentences and to join them into unified, coherent paragraphs. (Formerly ES M33). Offered credit/no-credit only. Does not apply toward a degree.

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# ENGLISH AS A SECOND LANGUAGE

## **ESL M01** **Beginning ESL** **4.00 Units**

Focus on listening, speaking, reading, and writing skills of beginning English language learners, using daily activities and topics of general interest. Activities include group and class discussions and oral presentations. Includes vocabulary acquisition; accurate pronunciation; and grammar review of parts of speech, parts of the sentence, sentence structure and patterns, and verb tenses; reading comprehension of brief paragraphs and essays; and writing paragraphs. Does not apply to the Associate Degree.

## **ESL M02** **Intermediate ESL** **4.00 Units**

**RECOMMENDED PREPARATION:** *ESL M01*

Focus on listening, speaking, reading, and writing skills of intermediate English language learners using general interest and academic subjects. Activities include group and class discussions of text material, TV/video segments and lectures and oral presentations. Includes vocabulary acquisition, accurate pronunciation, and intonation; grammar study of sentence structure, compound and complex sentences, and reduction of grammar errors; reading comprehension and critical thinking; and writing multi-paragraph essays. Does not apply to the Associate Degree.

## **ESL M03** **Advanced ESL**

**RECOMMENDED PREPARATION:** *ESL M02*

Focus on listening, speaking, reading, and writing skills of advanced English language learners, using cross-curricular and current events subjects. Activities include discussions of text and selected materials, TV shows/videos, news programs, lectures, and one complete feature film and multiple 5-minute oral presentations. Includes emphasis on vocabulary acquisition, accurate pronunciation, and intonation in class discussions; grammar study of sentence correctness and style; reading interpretation, analysis, and application; and writing 5-paragraph essays developed by a combination of rhetorical modes. May be taken for a maximum of two times for credit. Does not apply to the Associate Degree.

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# ENVIRONMENTAL SCIENCE

## **ENSC M01** **Environmental Science** **3.00 Units**

Provides students with an understanding of the natural processes operating in the world with fundamental laws of physics and chemistry controlling these processes. Emphasizes the interrelationships between humans and their environment and the impact of technology on the quality of the global environment. Surveys energy, air, water, and solid pollution and conservation. Presents sustainable development and practices. Applies to Associate Degree. Transfer Credit: CSU; UC.

## **ENSC M01L** **Environmental Science Lab** **1.00 Unit**

**PREREQUISITE:** *ENSC M01*

**CO-REQUISITE:** *ENSC M01*

**OTHER:** *Field trips may be required*

Clarifies environmental concepts presented in ENSC M01. Requires four field trips: utility plant, wastewater treatment facility, recycling/recovery center and college nature center. Stresses scientific method, elements of statistics and sample, and the completion of a research-based oral presentation. Applies to Associate Degree. Transfer credit: CSU; UC.

## **ENSC M02** **Environment and Human Interactions** **4.00 Units**

Introduces the biological principles governing ecosystems. Analyzes environmental problems as they relate to world demography and human activities. Topics include: population dynamics, major world biotic communities, the urban environment and environmental health and basic toxicology. Includes field study of California's major plant communities and study of the local environment. Applies to Associate Degree. Transfer Credit: CSU; UC.

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# EXOTIC ANIMAL TRAINING

## **EATM M01A** **Animal Care and Handling I** **1.00 Unit**

**PREREQUISITE:** *Admission to EATM Program*

**CO-REQUISITE:** *EATM M01AL*

This course instructs students in basic zoo-keeping practices used in the husbandry of domestic and non-domestic animals. Topics include safety, emergency, sanitation, and handling procedures as well as environmental enrichment, teamwork concepts, food handling and record keeping. Applies to Associate Degree.

## **EATM M01AL** **Animal Care and Handling Lab I** **4.00 Units**

**PREREQUISITE:** *Admission to EATM Program*. **CO-REQUISITE:** *EATM M01A*

This laboratory provides the student with the opportunity to apply the theory and principles from EATM M01A to the care and handling of the America's Teaching Zoo animal collection. Essential zoo keeping skills are developed through this 'hands-on' approach. Applies to Associate Degree. Transfer credit: CSU, pending.

## **EATM M02A** **Zoo Work Skills: First Year #1** **1.00 Unit**

**CO-REQUISITE:** *EATM M01A*

Provides the first year/first semester student an on-campus zoo laboratory for supervised on-the-job zoo keeping work experience and additional skill practice in animal care and handling. Work assignments include participating as a zoo operations team member, holiday zoo keeping, weekend area, assisting with daily zoo operations, zoo maintenance and improvement projects, day watch with safety rounds, leading tours, and assisting with educational presentations. Applies to Associate Degree.

## **EATM M02B** **Zoo Work Skills: First Year WI** **0.50 Unit**

**PREREQUISITE:** *EATM M02A*

During the winter intersession, provides the first year student an on-campus zoo laboratory for supervised on-the-job zoo keeping work experience and additional skill practice in animal care and handling. Work assignments include participating as a zoo operations team member, holiday/winter intersession zoo keeping, weekend area, assisting with daily zoo operations, zoo maintenance and improvement projects, day watch with safety rounds, leading tours with holiday theme, and assisting with holiday educational presentations. Applies to Associate Degree.

## **EATM M02D** **Zoo Work Skills: Second Year SS** **3.00 Units**

**PREREQUISITE:** *EATM M02C*

Provides the second year summer session student an on-campus zoo laboratory for supervised on-the-job intermediate zoo keeping work experience and skill practice in animal care, handling and training. Work assignments include conducting training sessions with assigned animals, participating as a zoo operations team member and leader, holiday/weekend zoo keeping, intermediate zoo daily operations, maintenance and improvement projects, day watch with safety rounds and conducting tours. Applies to Associate Degree.

*Some class offerings and room assignments may have changed since printing this schedule.*

**118** Please see the web for the most up to date class schedule at: <http://students.vccd.edu/scheds.htm>.

**EATM M02E Zoo Work Skills: Second Yr. #1 3.00 Units**

**PREREQUISITE:** EATM M02D

Provides the second year fall semester student an on-campus zoo laboratory for supervised on-the-job intermediate to advanced zoo keeping work experience and skill practice in animal care, handling and training. Work assignments include weekday and weekend area, serving as a mentor to first year students conducting training sessions with assigned animals, exhibiting assigned animals at weekend shows, participating as a zoo operations team member and leader, intermediate-advanced zoo daily operations, maintenance and improvement projects, day watch with safety rounds and conducting tours. Applies to Associate Degree.

**EATM M15A Wildlife Education I 1.00 Unit**

**PREREQUISITE:** Admission to EATM Program

**CO-REQUISITE:** EATM M15AL

Instructs the student in the use of live animals for educational presentations in zoos and other situations. Includes public speaking, environmental education, interpretation techniques, and the handling of animals for presentations. Applies to Associate Degree.

**EATM M15AL Wildlife Education I – Lab 1.00 Unit**

**PREREQUISITE:** Admission to EATM Program

**CO-REQUISITE:** EATM M15A

Provides the student with the opportunity to develop public speaking skills, interpretation techniques, and animal handling skills appropriate for educational presentations in zoos and other situations. The student will perform presentations to both large and small audiences and conduct tours of the teaching zoo. May be taken for a total of two (2) times for credit. Applies to Associate Degree.

**EATM M15CL Wildlife Education III Lab 2.00 Units**

**PREREQUISITE:** EATM M15B & EATM M15BL

Provides a range of supervised Wildlife Education production and performance activities involving presentations with live animals. Performance rehearsing and animal handling in preparation for a public performance is stressed. Opportunities to conduct presentations to a variety of audiences in a variety of settings will be offered. Applies the basic elements of production (staging, publicity, script development, set design and construction) and performance (safety considerations, animal handling, and voice techniques). This may be taken four (4) times for credit. (Formerly EATM M16) Applies to Associate Degree.

**EATM M15D Wildlife Education IV 1.00 Unit**

**PREREQUISITE:** EATM M15B

**CO-REQUISITE:** EATM M15DL

**OTHER: REQUIRES FIELD TRIPS**

Requires design, development and implementation of wildlife education outreach programs for audiences of various ages, cultural orientations, and developmental levels. The student will gather information on environmental and conservation issues and incorporate this material into educational presentations. Applies to Associate Degree.

**EATM M15DL Wildlife Education IV Lab 2.00 Units**

**PREREQUISITE:** EATM M15CL

**CO-REQUISITE:** EATM M15D

**OTHER: REQUIRES FIELD TRIPS**

This laboratory course provides the second year EATM student with the opportunity to develop and implement wildlife education programs in the community to audiences of various ages, cultural orientations and developmental levels. (Formerly EATM M46). Applies to Associate Degree.

**EATM M21A Animal Training I 1.00 Unit**

**PREREQUISITES:** EATM M01B and ANSC M04 or PSY M12

**CO-REQUISITE:** EATM M21AL

Introduces the student to basic techniques of animal training including applying operant conditioning theory, record keeping, and controlling behavior. Topics include the history of animal training, reasons for training animals, factors affecting training success, and shaping of new behaviors. Applies to Associate Degree.

**EATM M21AL Animal Training I Lab 2.00 Units**

**PREREQUISITES:** EATM M01BL and ANSC M04L or PSY M12L

**CO-REQUISITE:** EATM M21A

Provides the opportunity to develop basic animal training techniques through hands-on work with animals at the teaching zoo. Requires behavioral observations, development of training plans, maintenance of training records, and shaping the behavior of one or more animals. May be taken a total of two (2) times for credit. Applies to Associate Degree.

**EATM M21B Animal Training II 1.00 Unit**

**PREREQUISITE:** EATM M21A

**CO-REQUISITE:** EATM M21BL

Presents techniques of animal training including husbandry training, training groups of animals, and dealing with aggression. Includes developing training plans, protected contact training, and problem solving. Applies to Associate Degree.

**EATM M21BL Animal Training II Lab 2.00 Units**

**PREREQUISITE:** EATM M21AL

**CO-REQUISITE:** EATM M21B

Provides the opportunity to develop the skills needed to train husbandry behaviors through hands-on work with animals at the teaching zoo. May be taken a total of two (2) times for credit. Applies to Associate Degree.

**EATM M23A Elementary Veterinary Procedures I 4.00 Units**

**PREREQUISITE:** EATM M01B, ANSC M03, ANSC M06

An introduction to the science of veterinary medicine as it applies to domestic and non-domestic animals. The student will learn a practical organ system-by-organ system approach to the recognition, diagnosis, treatment and nursing care as related to the various disease processes involved with these systems. May be taken one (1) time for credit. Applies to the Associate Degree. Transfer credit: CSU.

**EATM M23AL Elementary Veterinary Procedures I Lab 1.00 Unit**

**CO-REQUISITE:** EATM M23A

An introduction to the science of veterinary medicine as it applies to domestic and non-domestic animals. Veterinary procedures are practiced that are relative to a practical organ system by organ system approach to the diagnosis, treatment and nursing care as related to the various disease processes. May be taken one (1) time for credit. Applies to Associate Degree. Transfer Credit: CSU.

**EATM M30A Zoo Day I** \_\_\_\_\_ **0.50 Unit**

**PREREQUISITE:** Successful completion of a previous EATM course

An independent project in zoo keeping with two days at Los Angeles Zoo and one day at Santa Barbara Zoo. Applies to Associate Degree.

**EATM M30B Zoo Days II** \_\_\_\_\_ **0.50 Unit**

**PREREQUISITE:** Successful completion of a previous EATM course

An independent project in zoo keeping with two days at Los Angeles Zoo and one day at Santa Barbara Zoo. Applies to Associate Degree.

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## **FILM STUDIES (FORMERLY HUMANITIES COURSES)**

**FILM M10 Introduction to Cinema** \_\_\_\_\_ **3.00 Units**

Introduces the art form of cinema. Topics include modes of production, form, style, genre, aesthetics, critical analysis, and social implications. Develops an appreciation for the art form and prepares students for more advanced film studies courses. Lectures accompanied by screenings of appropriate films. (Formerly HUM M08 Introduction to Cinema) Applies to Associate Degree. Transfer Credit: CSU; UC (Under review).

**FILM M15 Introduction to Documentary Film** \_\_\_\_\_ **3.00 Units**

**RECOMMENDED PREP:** FILM M10

Introduces documentary films through an international, historical, social and political perspective. focus is on analysis of various types of documentary films with a wide range of subject matter. (Formerly HUM M17). Applies to Associate Degree. Transfer Credit: CSU; UC.

**FILM M25 History of the International Cinema I: to WWII** \_\_\_\_\_ **3.00 Units**

**RECOMMENDED PREPARATION:** FILM M10

Surveys international film from its emergence in the 1890s through WWII. Through the examination of narrative, documentary and experimental film, the medium's technical, aesthetic, and theoretical developments will be investigated. Particular attention will be given to the historical, cultural and economic influences that contributed to the international art form. (Formerly HUM M03) Applies to Associate Degree. Transfer Credit: CSU; UC.

**FILM M26 History of the International Cinema II: WWII to Present** \_\_\_\_\_ **3.00 Units**

**RECOMMENDED PREPARATION:** FILM M10

A survey of international film from the end of WWII to the present. Through the examination of narrative, documentary and experimental film, the medium's technical, aesthetic, and theoretical developments will be investigated. Particular attention will be given to the historical, cultural and economic influences that contributed to the international art form. (Formerly HUM M04 History of Cinema II) Applies to Associate Degree. Transfer Credit: CSU; UC.

**FILM M51 Images of Women in Film** \_\_\_\_\_ **3.00 Units**

**RECOMMENDED PREPARATION:** FILM M10

Examines gender based representations in film using critical and historical perspectives. Surveys the economic, historical, and social influences upon these representations from early cinema to the present from national to international films. Images of women is the focus. The work and achievements of women will be examined as will masculinity and sexuality. Film theories and analytical perspectives will be introduced. (Formerly HUM M18 Images of Women in Film) Applies to Associate Degree. Transfer Credit: CSU; UC.

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## **FILM, TELEVISION, MEDIA (FORMERLY RADIO/TELEVISION)**

**FTVM M01 Media and Society** \_\_\_\_\_ **3.00 Units**

Explores the history, laws, methods and media of mass communications and their impacts on American consumers and society. Examines the ethics and effects of today's mass media. (Formerly RT M01) (Same course as JOUR M01) Applies to Associate Degree Transfer Credit: CSU; UC.

**FTVM M20 Introduction-Television Studio** \_\_\_\_\_ **3.00 Units**

Introduces multiple camera production for television and multimedia applications. Provides hands-on practical experiences with basic operational skills and techniques in: directing, switching, scripting, lighting, sound and camera composition and operation. (Formerly RT M02A) Applies to Associate Degree Transfer Credit: CSU.

**FTVM M21 Intermediate Television Studio** \_\_\_\_\_ **3.00 Units**

Provides student with intermediate level instruction and work experience in studio productions. Offers hands-on experience with camera operation, technical directing, lighting design, set design and multi-camera directing. Emphasizes creation of new program formats. (Formerly RT M03A). Applies to Associate Degree. Transfer credit: CSU.

**FTVM M30A Digital Camera Production/Editing I** \_\_\_\_\_ **1.50 Units**

Introduces knowledge and skills for single camera production as well as aesthetics and technical techniques in video editing. Emphasizes shooting single camera, audio, lighting, and editing. Requires students to practice beginning field production and perform pre- and post-production activities. (Same course as JOUR M30)(Formerly RT M02B) Applies to Associate Degree. Transfer credit: CSU.

**FTVM M30B Digital Camera Production/Editing II** \_\_\_\_\_ **1.50 Units**

Continues to build student's knowledge and skills for single camera production and further develops the ongoing work with aesthetics and technical techniques in video editing. Extends and broadens student's skills in shooting to storyboards, lighting a scene, and enriching the audio in post-production. Requires student to perform extensive field production, pre- and post-production activities. (Formerly RT M02B). Applies to Associate Degree. Transfer credit: CSU.

**FTVM M37 Digital Filmmaking/Preproduction** \_\_\_\_\_ **3.00 Units**

**PREREQUISITE:** FTVM M30A AND M30B

**RECOMMENDED PREP:** FTVM M11 AND FTVM M70

Develops advanced skills in producing and writing in the development of narrative story telling. Includes the application of the principles and techniques of storyboarding, location scouting, budgeting and casting. Requires students to produce and write a short narrative digital film. Applies to Associate Degree (Formerly RT M10A) Transfer Credit: CSU.

**FTVM M38 Digital Filmmaking/Production and Post Production** \_\_\_\_\_ **3.00 Units**

**PREREQUISITE:** JOUR M30 OR FTVM M30A AND FTVM M30B

**RECOMMENDED PREP:** FTVM M70

Promotes advanced skills in directing and shooting in the development of narrative storytelling. Includes the application of the principles and techniques of digital cameras, non-linear editing and aesthetic evaluations. Requires students to shoot and edit a short narrative digital film. Applies to Associate Degree. (Formerly RT M10B) Transfer credit: CSU.

*Some class offerings and room assignments may have changed since printing this schedule.*

**120** Please see the web for the most up to date class schedule at: <http://students.vccd.edu/scheds.htm>.

**FTVM M40 Audio Production 3.00 Units**  
Provides a basic knowledge of audio equipment used in typical radio, television, multimedia and dramatic productions, including: audio consoles, various digital audio recording equipment and digital audio workstations. Develops skills in announcing, basic writing, disc jockeying, program production and direction, commercial production, interviewing techniques, station operations and live and recorded audio production for news media and theater. (Formerly RT M07A) Applies to Associate Degree. Transfer Credit: CSU.

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## FRENCH

**FREN M01 Elementary French I 4.00 Units**  
*OTHER: Provider approved by the California Board of Registered Nursing, provider number CEP2811 for 60 contact hours.*

Introduces French language, culture, history and people of the Francophone world, emphasizing speaking, understanding, reading, and writing skills. The course requires individualized work in the language lab each week. Transfer credit: CSU; UC.

**FREN M02 Elementary French II 4.00 Units**  
*PREREQUISITE: FREN M01 or 2 years of high school French with grades of C or better*  
*OTHER: Provider approved by the California Board of Registered Nursing, for 60 contact hours.*  
Further explores French language, culture, history and people of the Francophone world as well as speaking, reading, and writing proficiency. Requires individualized work in the language lab each week. Applies to the Associate Degree. Transfer credit: CSU; UC.

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## GEOGRAPHIC INFORMATION SYSTEMS

**GIS M01 Introduction to Mapping and GIS 3.00 Units**  
Physical Geography brings together several branches of the natural sciences to provide students with an understanding of the processes responsible for the physical patterns of climate, water, soils, vegetation, and landforms found over the earth. Emphasis is also placed on gaining an understanding of human-induced agents of change within the physical world and human/environmental relationships. Applies to Associate Degree. Transfer credit: CSU; UC.

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## GEOGRAPHY

**GEOG M01 Physical Geography 3.00 Units**  
Surveys several branches of the natural sciences to provide students with an understanding of the processes responsible for the physical patterns of climate, water, soils, vegetation, and landforms found over the earth. Emphasizes understanding of human-induced agents of change within the physical world and human/environmental relationships. Transfer credit: CSU; UC. Applies to Associate Degree.

**GEOG M01L Physical Environment Lab 1.00 Unit**  
*PREREQUISITE: GEOG M01 (may be concurrent) or equivalent*  
*OTHER: REQUIRES FIELD TRIPS*  
Introduces earth-sun relations as well as map an air photo reading and interpretation. Provides hands-on practice in landscape description, measurement and analysis. Requires written reports. Applies to Associate Degree. Transfer credit: CSU; UC.

**GEOG M02 Cultural Geography 3.00 Units**  
Concerns the significance and distribution of various cultural elements and with the impact of human activities on the natural environment. An issue-based, or topical approach is taken to understanding and explaining spatial patterns of the key components of culture such as population, migrations, settlements, development, agriculture, geopolitics, land-use, globalization, language and religion. Emphasis is on the analysis of current world events. Applies to Associate Degree. Transfer credit: CSU; UC.

**GEOG M03 World Regional Geography 3.00 Units**  
*OTHER: Students cannot complete both GEOG M03 and GEOG M03H (Honors) courses because credit will only be awarded to the first course completed.*

Provides a survey of the world's major regions and their physical and cultural characteristics from a geographic perspective. Emphasis is placed on familiarizing students with the diversity of people and places, on current events and global problems and on developing a mental map of the world. Key issues and problems relevant to contemporary society in each of the world's regions will be addressed. This brief tour of the world will help students better understand world events, living styles and conditions, environments, and conflicts. Applies to Associate Degree. Transfer credit: CSU; UC.

**GEOG M03H Honors: World Regional Geography 3.00 Units**  
*OTHER: Students cannot complete both GEOG M03 and GEOG M03H (Honors) courses because credit will only be awarded to the first course completed.*

Provides an honors level survey of the world's major regions and their physical and cultural characteristics from a geographic perspective. Emphasis on familiarizing students with the diversity of people and places, on current events and global problems and on developing a mental map of the world. Addresses key issues and problems relevant to contemporary society in each of the world's regions will be addressed. Transfer credit: CSU; UC.

**GEOG M10 Geography of California 3.00 Units**  
Study of California's diverse bio-physical and human geography. Topics examined include the Golden State's climate, landforms natural vegetation, and mineral and water resources. The influence the environment has on human geography is also examined with respect to ethnic diversity, this native American past, settlement (urban and rural) population growth, agricultural regions, and the geo-economic challenges of the future. Applies to Associate Degree. Transfer credit: CSU; UC.

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## GEOLOGY

**GEOL M02 Physical Geology 3.00 Units**  
Introduces geologic materials and processes that shape Earth and its environments. Examines global plate tectonic processes and their relationship to earthquakes, volcanoes, mountain building, formation of rocks, minerals and natural resources, and rock structures (folds and faults). Includes a study of mass movements and glacial, river, and coastal processes that form Earth's landscapes. Emphasizes relationships between humans and geologic processes. Applies to Associate Degree. Transfer credit: CSU; UC.

**GEOL M02L Physical Geology Lab 3.00 Unit***CO-REQUISITE: Completion of or concurrent enrollment in GEOL M02**OTHER: Field trips will be required*

Provides hands-on experience in identifying minerals, fossils, as well as igneous, sedimentary, and metamorphic rocks. Introduces topographic and geologic map interpretation and practice using remote sensing, aerial photographs, and maps to recognize landforms and geologic structures. Emphasizes laboratory and field observation and scientific analysis of geologic data. Applies to Associate Degree. Transfer credit: CSU; UC.

**GEOL M03 Earth History 3.00 Units**

Introduces geologic history of the earth and evolution of life revealed by fossil records. Reviews elementary problems in paleontology, stratigraphy, and structure and geologic mapping. Applies to the Associate Degree. Transfer credit: CSU; UC.

**GEOL M05 The World Ocean 3.00 Units**

Introduces the geological, physical and chemical characteristics of the ocean. Reviews formation of the ocean basins, ocean currents, waves, tides, beaches, chemistry and marine pollution. Applies to the Associate Degree. Transfer credit: CSU; UC.

## GERMAN

**GERM M01 Elementary German I 4.00 Units***OTHER: Provider approved by the California Board of Registered Nursing, provider number CEP 02811 for 60 contact hours.*

Introduces the German language and culture(s) of the major German-speaking areas of Europe (Germany, Austria, Switzerland) and emphasizes speaking, understanding, reading, and writing skills. The course requires individualized work in language lab each week. Applies to Associate Degree. Transfer credit: CSU; UC.

## GRAPHICS

**GR M10 Introduction to Communication Design 3.00 Units**

Fundamentals of communication design including design theory, the language and history of design, and contemporary design practices. Emphasis on basic principles and the human experience in design, including graphic design and advertising, industrial design, environmental design and electronic arts. Applies to Associate Degree. Transfer Credit: CSU; UC.

**GR M23 Introduction to Computer Graphics (Macintosh) 3.00 Units**

Surveys computer graphics applications on the Macintosh Computer and introduces basic web design issues. Provides hands-on experience with Adobe Photoshop, Adobe Illustrator and QuarkXpress. Applies to Associate Degree. Transfer Credit: CSU.

**GR M24A Desktop Publishing I 3.00 Units***PREREQUISITE: GR M20. Applies to Associate Degree.*

Introduces fundamentals and basic operating procedures of Adobe InDesign page layout and graphic software. Emphasizes practical application of InDesign on the PC platform including layout, typography and publication design. Requires creation of digital files for film output and camera-ready artwork for the reproduction process. Includes scanning graphic images for the printing process and PowerPoint presentations. Applies to Associate Degree. Transfer Credit: CSU.

**GR M26 Computer Assisted Illustration: (Macintosh): Illustrator 3.00 Units***PREREQUISITE: GR M23 or equivalent*

Introduces principles of design and computer illustration using Macintosh Computer and appropriate software. Emphasizes organization of visual material, including design concepts, typography, space, shape, line, and texture. Stresses creativity. Applies to Associate Degree.

**GR M27 Electronic and Digital Photography 3.00 Units***PREREQUISITE: A course in the discipline. Same course as PHOT M06*

Focuses on Adobe Photoshop for photography, computer graphics, illustration and graphic design. Includes appropriate techniques for scanning negatives, transparencies, reflective materials, type effects, color correction, selection techniques, special effects, channel calculations, adjustment layers, output devices and clipping paths/groups. Clarifies relationship between traditional film-based photography and digital techniques. May be taken two (2) times for credit. Applies to Associate Degree. Transfer Credit: CSU.

**GR M30 Design Fundamentals 3.00 Units**

Provides a solid foundation for the student's expanding abilities as designers. Develops visual and technical skills through problem solving and analytical thinking. Craftsmanship and use of design tools are emphasized through compositional and color exercises. Applies to Associate Degree. Transfer credit: CSU.

**GR M31 Graphics Design I 2.00 Units**

Emphasizes graphic design principles as they relate to basic design problem solving, for the design and development of logos, symbols, corporate identification systems, cover/poster design. Requires a hands-on completion of each project, including the creation of roughs and final comprehensives for presentation. Transfer credit: CSU.

**GR M32 Graphic Design II 3.00 Units***PREREQUISITE: GR M31 or concurrent*

Introduces advertising layouts and their translation into camera-ready artwork, including rendering, type specifications and figure indication. Includes developing and executing comprehensive presentations, flat ads, packaging, posters and point-of-purchase displays. Applies to Associate Degree. Transfer credit: CSU.

**GR M33 Advertising Design 2.00 Units***PREREQUISITE: GR M32*

Introduces advertising layouts and their translation into camera-ready artwork, including rendering, type specifications and figure indication. Includes developing and executing comprehensive presentations, flat ads, packaging, posters and point-of-purchase displays. May be taken two times for credit. Applies to Associate Degree. Transfer credit: CSU.

**GR M34 Lettering and Typography 2.00 Units***PREREQUISITE: GR M31 or concurrent*

Introduces basic lettering with pen and brush. Includes construction of letters in Gothic, Roman, Italic, Script, Text and Modern type, emphasizing character form and distribution essential for page layouts. Applies to Associate Degree. Transfer credit: CSU.

**GR M40 Beginning Illustration 3.00 Units***PREREQUISITE: Art M12A or concurrent*

Introduces pen and ink, watercolor, collage, and colored pencil techniques as principle means of self-expression. Analyzes topical themes and individual story lines as potential subject matter for weekly drawings. Same course as ART M40. Transfer credit: CSU.

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**122** Please see the web for the most up to date class schedule at: <http://students.vccd.edu/scheds.htm>.

<b>GR M41</b>	<b>Intermediate Illustration</b>	<b>3.00 Units</b>
<i>PREREQUISITE: GR M40 or ART M40</i>		
Introduces advanced studies in pen and ink, watercolor washes and mixed media, exploring individual style appropriate to magazine, newspaper and book illustration. Transfer credit: CSU. Same course as ART M41.		
<b>GR M42</b>	<b>Advanced Illustration</b>	<b>3.00 Units</b>
<i>PREREQUISITE: GR M41 or ART M42</i>		
Emphasizes development of individual style through advanced illustration techniques. Requires Individual projects. Same course as Art M42. May be taken two(2) times for credit. Applies to Associate Degree. Transfer Credit: CSU.		
<b>GR M50</b>	<b>Airbrush Techniques I</b>	<b>3.00 Units</b>
<i>PREREQUISITE: GR M10 or GR M40 or suitable portfolio</i>		
This basic course covers the use of the airbrush including the basics of illustration and photo retouching for advertising, commercial and industrial applications. Emphasis is placed upon masking, paints, tip selections, air controls and care and preventative maintenance of equipment.		
<b>GR M51</b>	<b>Airbrush Techniques II</b>	<b>3.00 Units</b>
<i>PREREQUISITE: GR M50</i>		
This advanced course introduces various color applications and techniques, such as transparent dyes, transparent and opaque designer color. Techniques and treatments are presented along with various "Tricks of the trade."		
<b>GR M60A</b>	<b>Airbrush Practice</b>	<b>1.00 Unit</b>
<i>PREREQUISITE: A previous airbrush course</i>		
Refine skills with airbrush and cover topics which are not covered in detail in other airbrush courses. May be taken 4 times for credit.		
<b>GR M60B</b>	<b>Computer Graphics Practice</b>	<b>1.00 to 2.00 Units</b>
<i>PREREQUISITE: GR M30, GR M31 or GR M32</i>		
Designed for the student who needs to refine skills in a variety of software packages. Students will work on the Macintosh computer and have access to the Macintosh lab by appointment. May be taken four (4) times for credit. Applies to Associate Degree.		
<b>GR M60G</b>	<b>Creating Background Illustration Scenes for Animation</b>	<b>3.00 Units</b>
Introduces special techniques and color to produce final background scenes using a various subjects, effects, and media. Emphasizes special effects for television and movies and for commercials. May be taken for a total of three (3) times for credit.		

## HEALTH EDUCATION

<b>HED M01</b>	<b>Health and Society</b>	<b>2.00 Units</b>
Focus of the course is on the nature and function of health in our society. The course is an overview of major health concepts designed to contribute to the students understanding of healthy living. Concepts included are: personal fitness; nutrition; mental health; personal relationships; harmful substances; environmental health; communicable diseases; chronic and degenerative disease; reproduction and contraception; and consumer health. Applies to Associate Degree. Transfer credit: CSU; UC (HED M01, M02 and M07 combined: maximum credit, one course).		
<b>HED M02</b>	<b>Women's Health</b>	<b>2.00 Units</b>
Focuses on nature and function of women's health in our society. Introduces major female health problems, emphasizing both the individual's and the community's role in understanding medical advances and implementing their effects. Applies to Associate Degree. Transfer credit: CSU; UC (HED M02, M01, M07 combined: maximum credit, one course).		
<b>HED M03</b>	<b>Nutrition, Fitness and Stress Management</b>	<b>3.00 Units</b>
<i>OTHER: Provider approved by the California Board of Registered Nursing, provider number CEP2811 for 45 contact hours.</i>		
This course is an integrated approach to good health and physical fitness through the study of basic principles of exercise, nutrition and human behavior. Concepts will be applied to specific topics of current concern such as maintaining healthy weight, prevention of heart disease and stress management. Skills for incorporating habits and techniques into one's daily life will be stressed. Transfer Credit: CSU.		
<b>HED M05</b>	<b>First Aid and CPR</b>	<b>3.00 Units</b>
Introduces procedures for rendering assistance in emergency First Aid situations. Successful course completion qualifies student for the American Red Cross Standard First Aid, Adult CPR, AED, and Child and Infant CPR Certifications. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>HED M07</b>	<b>Personal Health</b>	<b>3.00 Units</b>
Introduces components and skills of health and wellness, reviewing positive behavioral changes and their effect on life. Emphasizes self-responsibility based on self-analysis and assessment. Applies to Associate Degree. Transfer credit: CSU; UC (HED M07, M01 and M02 combined: maximum credit, one course).		
<b>HED M10E</b>	<b>Athletic Injuries Seminar</b>	<b>0.50 Unit</b>
Examines medical aspects of athletic injury management including: prevention, first-aid, treatment, evaluation, and reconditioning. Applies to Associate Degree. Transfer credit: CSU.		
<b>HED M10F</b>	<b>Stress Management</b>	<b>0.50 Unit</b>
Examines the physical, emotional, cognitive and behavioral effects of stress including: sources of stress, symptoms and physiology of the stress response, burnout, effective coping strategies and induction of the relaxation response. Applies to Associate Degree. Transfer credit: CSU.		
<b>HED M10M</b>	<b>Healthful Eating</b>	<b>0.50 Unit</b>
Examines the foundation of nutrition science; nutrients, their individual requirements, nutrition guidelines, diets and fad diets, and nutritional standards. Discusses consumer issues, personal food choices, and the role of diet in the prevention of disease. Applies to Associate Degree. Transfer credit: CSU.		
<b>HED M10P</b>	<b>Fitness for Life</b>	<b>0.50 Unit</b>
Introduces key concepts in physical fitness developing practical tools needed to assess personal levels of fitness and to create successful individualized exercise programs in injury-free environments. Reviews consumer tips for the health and fitness industry. Applies to Associate Degree. Transfer credit: CSU.		
<b>HED M10Q</b>	<b>Health and Sexuality</b>	<b>0.50 Unit</b>
Introduces health and human sexuality, including review of basic sexual anatomy, physiology of sexual response, sexually transmitted diseases, common impediments to healthy sexual functioning, sexual enhancement, and communication skills for achieving greater intimacy. Applies to Associate Degree. Transfer credit: CSU.		

**HED M10R      Diabetes Awareness \_\_\_\_\_ 0.50 Unit**

Provides a complete overview of diabetes, with an emphasis on diabetes nutrition, and the psychological and social impact on the individual. Includes step-by-step survival skills for dealing with the daily routine of diabetes care. Provides strategies for preventing diabetes complications. Demonstrates the process of carbohydrate counting and exercise as the cornerstones of diabetes management. Same course as NTS M10R. Applies to Degree. Transfer Credit: CSU.

**HED M10S      Sports Nutrition \_\_\_\_\_ 0.50 Unit**

Examines sports and exercise nutrition for athletes and non-athletes. Introduces social and behavioral aspects, by examining the components of fitness, body composition and the diet for optimal performance. Evaluates the dangers of "making weight", the use of supplements and fad diets. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 7.5 contact hours. Same course as NTS M10S. Applies to Associate Degree. Transfer credit: CSU.

## HEALTH INFORMATION MANAGEMENT

**HIM M01      Introduction to Health Information Management \_\_\_\_\_ 3.00 Units**

Fundamental theories and practices of health information management, including healthcare systems, content and analysis of clinical records, application of data collection standards and regulations for accreditation, certification and licensure, forms design, integration of uniform data sets, use of manual and computerized indices and registries, and medical office procedures. Applies to Associate Degree. Transfer Credit: CSU.

**HIM M02      Clinical Classification Systems ICD-9CM coding \_\_\_\_\_ 3.00 Units**

**RECOMMENDED PREPARATION:** ANPH M01 or both ANAT M01 & PHSO M01; HIM M01; HS M19 & HS M25  
 Overview of nomenclature and classification systems, focusing on coding inpatient clinical information from medical records; the International Classification of Diseases-9-CM coding; clinical modification, with instruction in coding diagnoses and procedures, sequencing and coding conventions; review of complications and co-morbidities; and coding software applications. Applies to Associate Degree. Transfer Credit: CSU.

**HIM M03      Clinical Classification System CPT Procedural Coding \_\_\_\_\_ 3.00 Units**

**RECOMMENDED PREPARATION:** HIM M02  
 Beginning coding for alternative classification systems, focusing on HCPCS/CPT ambulatory care coding, ambulatory patient classifications, and resource-based relative value scales. Applies to Associate Degree. Transfer Credit: CSU.

**HIM M04      Medical Insurance and Reimbursement \_\_\_\_\_ 4.00 Units**

**RECOMMENDED PREPARATION:** HIM M02 AND HIM M03  
 Medical insurance billing and current payment methodologies in in-patient and physician office's settings, focusing on regulatory compliance and billing practices. Applies to Associate Degree. Transfer Credit: CSU.

## HEALTH SCIENCES

**HS M15      Pharmacology \_\_\_\_\_ 3.00 Units**

**OTHER:** Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours.

Introduces mechanisms and uses of currently available drugs, establishing foundation for understanding future developments in drug therapy and for administering drugs more efficiently and safely. Applies drug information and mathematical calculations in clinical setting. The course may be repeated to monitor constantly changing pharmaceutical approaches and resultant practical implications. Applies to Associate Degree. Transfer credit: CSU.

**HS M16N      Basic Skills for the Nurse \_\_\_\_\_ 0.50 Unit**

Provides basic client care skills to those preparing for a career in the nursing profession. The focus is on the essential principles and practices of safe, effective care in the multifaceted multicultural nursing field. Caring, safety, and basic documentation associated with providing client care are integrated throughout the course. It is recommended that this course be taken the semester before acceptance into the nursing program. Applies to Associate Degree.

**HS M16R      Basic Skills for the Radiologic Technologist \_\_\_\_\_ 0.50 Unit**

Provides basic knowledge of client care skills to those preparing for a career as a Radiographer. The focus is on the essential principles and practices of safe effective care in this constantly changing medical field. Safety, communications, documentation and cultural diversity are integrated throughout the course. It is recommended that this course be taken the semester before acceptance into the radiologic technology program. Applies to Associate Degree.

**HS M17      Health Care Ethics \_\_\_\_\_ 3.00 Units**

**OTHER:** Provider approved by the California Board of Registered Nursing, provider number CEP2811 for 45 contact hours.

Introduces theoretical and applied ethics relating to problems in medicine, health care and the human life sciences. Includes examination of foundational moral principles and the main moral theories. Provides an introduction to ethics in general, a foundation for understanding legal implications in healthcare, and a framework for analyzing and resolving ethical problems through the application of ethical principles and critical thinking. (Same course as PHIL M17.) This is a required course for Radiologic Technology students. Applies to Associate Degree. Transfer credit: CSU.

**HS M19      Medical Terminology \_\_\_\_\_ 3.00 Units**

Prepares for a career in the health care industry to understand and communicate medial information. This is a course in the language of medicine, which focuses on the building of medical words through the use of word components. The student will learn many of the basic words, prefixes, and suffixes upon which medical works are built. The course will assist the student in learning medical terms related to anatomy, physiology, diseases, diagnoses, pharmacology, therapeutics and common abbreviations. Applies to Associate Degree. Transfer credit: CSU.

**HS M23      Pharmacology for Allied Health Professional \_\_\_\_\_ 2.00 Units**

Introduces pharmacology, providing the knowledge of basic pharmacological terminology and concepts, administration, and common generic and trade name medications. Applies to Associate Degree. Transfer credit: CSU.

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**HS M24                      Emergency Medical Technician I (Basic) \_\_\_\_\_ 4.00 Unit**

*PREREQUISITE: HS M18 or American Heart Association Basic Life Support (BLS) CPR or American Red Cross CPR for the Professional Rescuer or American Safety and Health Institute CPR for the Professional Rescuer with current card.*

*CO-REQUISITE: HS M24L taken concurrently*

*RECOMMENDED PREPARATION: HS M19*

Prepares the student to render pre-hospital basic life support at the scene of an emergency, during transport of the sick and injured or during inter-facility transfer. Selected topics in anatomy, physiology, patient assessment, and emergency will be presented. Successful completion of this course and HS M24L will allow the student to take the state and national certification examinations for EMT 1 (Basic). Applies to Associate Degree.

**HS M24L                      Emergency Medical Technician I (Basic) Lab \_\_\_\_\_ 1.00 Unit**

*PREREQUISITE: HS M18 or American Heart Association Basic Life Support (BLS) CPR or American Red Cross CPR for the Professional Rescuer or American Safety and Health Institute for the Professional Rescuer* *CO-REQUISITE: HS M24 taken concurrently*

*RECOMMENDED PREPARATION: HS M19*

*MATERIALS FEE: \$92*

Prepares the student to render pre-hospital basic life support at the scene of an emergency, during transport of the sick, injured or during inter-facility transfer. Applies the theory of patient assessment and emergency care presented in HS M24 EMT - Basic. Provides skills training and clinical experience in an emergency room and on an emergency vehicle. Successful completion of this course and HS M24 will allow the student to take the state certification for EMT-1 Basic (provided all other state requirements are met and the student is at least 18 years of age at the time of examination). Applies to Associate Degree. Transfer credit: CSU.

**HS M24R                      EMT-1 (Basic) Recertification \_\_\_\_\_ 2.00 Units**

*PREREQUISITE: EMT-1 (Basic Certification) or expired EMT-1 (Basic) Certification -- not more than 24 months from expiration date and from US state.*

Designed to update the emergency medical technician and meet state requirements for recertification. The course reviews life support assessment, emergency interventions, and the use of emergency equipment and supplies. May be taken a maximum of four (4) times for credit. Applies to Associate Degree.

**HS M25                      Introduction to Pathophysiology \_\_\_\_\_ 4.00 Units**

*RECOMMENDED PREPARATION: ANPH M01*

*OTHER: Provider approved by the California Board of Registered Nursing, provider number CEP2811 for 60 contact hours.*

Introduces fundamentals of Pathophysiology, focusing on physiologic changes and altered functions resulting from disease processes. Reviews principles from anatomy, physiology, and chemistry as foundation for study of basic disease process concepts, body systems, etiology, and pathogenesis of various disorders. Explores diagnostic procedures, preventative measures, and current therapeutic regimens. Applies to Associate Degree. Transfer credit: CSU.

## HEBREW

**HEB M01                      Elementary Hebrew I \_\_\_\_\_ 4 Units**

Introduces Hebrew language, culture, history and people, emphasizing speaking, understanding, reading and writing skills. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 60 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC.

## HISTORY

**HIST M01A                      An Introduction to Western Civilization \_\_\_\_\_ 3.00 Units**

Introduces important events and developments in Western civilization from prehistory through the sixteenth century. Focuses on ideas, institutions, and contributions. Applies to Associate Degree. Transfer credit: CSU; UC.

**HIST M01B                      An Introduction to Western Civilization \_\_\_\_\_ 3.00 Units**

Introduces important events and developments in Western civilization from the seventeenth century to modern times. Focuses on ideas and institutions. (Hits M01A not prerequisite). Applies to Associate Degree. Transfer credit: CSU; UC.

**HIST M03A                      African American History to 1877 \_\_\_\_\_ 3.00 Units**

A survey of United States history with an emphasis on the African American experience from 15th century Africa to the era of Reconstruction. Focuses on the political, social, economic, cultural and intellectual trials of African Americans and their contributions to the growth and development of the United States. Partially satisfies the Title V United States History, Constitution, and American Ideals requirement. Applies to Associate Degree. Transfer credit: CSU; UC.

**HIST M04                      History of Mexican Americans in the United States \_\_\_\_\_ 3.00 Units**

A survey of the American experience from colonial beginnings to the present, emphasizing the history of Mexican Americans. Examines the changing roles and contributions of Mexican Americans in the context of the social, political, and economic history of the United States. (Same course as CHST M04.) Applies to Associate Degree. Transfer credit: CSU; UC.

**HIST M06                      History of American Indian \_\_\_\_\_ 3.00 Units**

Introduces the history of the indigenous people of North America from the pre-Colonial era to the present. Emphasizes American Indian and Euro-American interaction, U.S. policy development and the roles played by American Indians to ensure their survival and cultural integrity into the 21st century. Applies to Associate Degree. Transfer credit: CSU; UC.

**HIST M07A                      Social and Political History of the United States \_\_\_\_\_ 3.00 Units**

Introduces creation and development of American society to 1865, analyzing impact of individuals and groups. Explores colonial foundation of American cultural heritage; growth of US political party system; women and social reform; the institution of and movement to abolish slavery; and the Civil War, including its causes and repercussions. Partially satisfies the title V United States History, Constitution, and American Ideals requirement. Applies to Associate Degree. Transfer credit: CSU; UC.

**HIST M07B                      Social and Political History of the United States \_\_\_\_\_ 3.00 Units**

Evaluates social and political adjustments from 1865 to the present, emphasizing the effects on contemporary Americans. Reviews individual and group contributions surrounding such issues as westward expansion, industrial development, immigration and the development of modern American society. Focuses on major social and political reform movements since 1865 as well as the United States' role as a major world power in international affairs. Applies to Associate Degree. Transfer credit: CSU; UC.

**HIST M08 History of California 3.00 Units**  
Introduces the political and social development of California from early Native California cultures to the present. Applies to Associate Degree. Transfer credit: CSU; UC.

**HIST M12 History of American Women 3.00 Units**  
*OTHER: Students cannot complete both HIST M12 and HIST M12H (Honors) courses because credit will only be awarded to the first course completed.*

The history of the United States from the 17th century to the present, tracing the changing roles of women. Evaluates the contributions made by famous and 'average' women and the boundaries they faced. Contrasts myth and reality for Euro-American and ethnic minority women. Applies to Associate Degree. Transfer credit: CSU; UC.

**HIST M14 Race and Gender in American History 3.00 Units**  
Surveys the experience of Native Americans, Latinos, Asian-Americans, African Americans, and women throughout American history, assessing their accomplishments, the persistence of stereotypes, and the continuity and change in the position of these different groups. Analyzes historical documents, films, and literature. Applies to Associate Degree. Transfer credit: CSU; UC.

**HIST M20A World History I 3.00 Units**  
The world's major civilizations of Asia, Europe, Africa and the Americas from pre-history through 1500, covering each civilization's religions and cultural achievements, as well as its political, economic and social structures. Applies to Associate Degree. Transfer credit: CSU; UC.

**HIST M20B World History II 3.00 Units**  
Introduces the major civilizations of Asia, Europe, Africa and the Americas from 1500 to the present, covering each civilization's religious and cultural achievements, as well as its political, economic and social structures. Applies to Associate Degree. Transfer credit: CSU; UC.

**HIST M25 History of the United States 3.00 Units**  
*RECOMMENDED PREPARATION: ENGL M01A*  
*OTHER: Students cannot complete both HIST M25 and HIST M25H (Honors) courses because credit will only be awarded to the first course completed.*

Surveys the political, economic, and social development of the United States. Traces the constant and changing values that shaped American institutions. Analyzes the diversity of the of the American people—the heroes Americans have treasured and the significant choices Americans have made. Applies to Associates Degree Transfer credit: CSU; UC.

**HIST M25H Honors: History of the United States 3.00 Units**  
*RECOMMENDED PREPARATION: ENGL M01A*  
*OTHER: Students cannot complete both HIST M25 and HIST M25H (Honors) courses because credit will only be awarded to the first course completed.*

Provides honors work in a survey of the political, economic, and social development of the United States. Traces the constant and changing values that shaped American institutions. Analyzes the diversity of the American people – the heroes Americans have treasured and the significant choices Americans have made. Partially satisfies the Title V United States History, constitution, and American Ideals requirement. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications and enrichment opportunities. Applies to Associate Degree. Transfer credit: CSU; UC.

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## HUMANITIES

**HUM M01 The Individual and Society 6.00 Units**  
Analyzes history, philosophy, and social issues through accomplishments of people who have shaped civilization and its institutions. Explores individual and collective responsibility to preserve and improve society. Places special emphasis on writing skills. Transfer credit: CSU (UC under review) *OTHER: This is an interdisciplinary course that is team-taught by instructors from different disciplines. Applies to Associate Degree. Transfer credit: CSU.*

**HUM M07 Humanities through the Arts 3.00 Units**  
Introduces documentary films through an international, historical, social and political perspective. Focus is on analysis of various types of documentary films with a wide range of subject matter. Applies to Associate Degree. Transfer Credit: CSU; UC.

**HUM M10A Ethics, Culture and the Arts: The Roots of Humanities 3.00 Units**  
Introduces human cultural heritage from the earliest times to approximately 1000 CE, emphasizing major ideas of several periods of Western civilization. Examines literature, philosophy, music, painting, and sculpture of each era. Highlights ethical choices and aesthetic responses possible within each period. Applies to Associate Degree. Transfer credit: CSU; UC.

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## INTERIOR DESIGN

**ID M11 Beginning Interior Design 3.00 Units**  
Introduces students to an extensive range of products and services available through the field of Interior Design. Applies design theories including the principles and elements of design, light and color. Students begin to develop skills in effective space planning, business organization, and meeting the challenges of individual requirements through the design process. (Formerly ID M05). Applies to Associate Degree. Transfer credit: CSU.

**ID M12 Materials and Installation 3.00 Units**  
*RECOMMENDED PREPARATION: SPCH M01 and ID M11*  
Explores various products and materials common to the field of Interior Design and methods of installation. Students employ skills in coordinating a presentation in public speaking related to a specific product and/or material. Emphasis placed on developing a trade resource file and utilizing it in the procurement, specification, and pricing for a design project. (Formerly ID M06). Applies to Associate Degree. Transfer credit: CSU.

**ID M13 Textiles 3.00 Units**  
Introductory analysis of the various stages of textile manufacturing and production. Students identify textiles according to fiber content, construction, coloration and finishing processes, and end uses. It is designed to employ techniques that will aide in the selection and care of textiles. (Formerly ID M31). Applies to Associate Degree. Transfer credit: CSU; UC.

**ID M14 Intermediate Interior Design 3.00 Units**  
*RECOMMENDED PREPARATION: ID M11, ID M12, ARTM04A and SPCH M01*  
Intermediate course refines students' skills in applying the principles and elements of Interior Design. Students explore diverse interior environments and develop design solutions that meet function, aesthetics, psychological, and emotional requirements of the inhabitants. (Formerly ID M08). Applies to Associate Degree. Transfer credit: CSU.

*Some class offerings and room assignments may have changed since printing this schedule.*

**126** *Please see the web for the most up to date class schedule at: <http://students.vccd.edu/scheds.htm>.*



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# LEARNING SKILLS

**LS M02      Basic Writing Skills \_\_\_\_\_ 3.00 Units****CO-REQUISITE: LS M02L**

Develops basic English writing skills, including grammar, usage, and correct sentence structure. Enables students to write well-organized paragraphs and short essays. Does not apply towards Associate Degree.

**LS M02L      Writing Skills Laboratory \_\_\_\_\_ .50 Unit****CO-REQUISITE: LS M02****MATERIALS FEE: A \$2.00**

This course is a co-requisite for LS M02. Uses computer word processing, proofreading tools and assistive technology to enhance the writing process. Offers practice and reinforcement of concepts and strategies taught in LS M02, Basic Writing Skills. May be taken for a maximum of 2 times for credit. Does not apply towards Associate Degree.

**LS M03      Study Strategies \_\_\_\_\_ 3.00 Units**

Introduces fundamental principles of study skills. Includes time management, goal setting memory improvement, reading comprehension and learning strategies. Also includes strategies for note-taking, test-taking, and research. Emphasizes independent critical thinking skills and appropriate use of available resources on the campus and in the community. Instruction designed to meeting the educational needs of students with or without disabilities. Applies to Associate Degree. Transfer Credit: CSU; UC.

**LS M04      Reading and Reasoning \_\_\_\_\_ 3.00 Units****CO-REQUISITE: LS M04L.**

Develops essential reading skills for students with learning disabilities or reading comprehension difficulties. Includes critical thinking skills, inferential comprehension, problem-solving activities and vocabulary development. Does not apply towards Associate Degree. May be taken four (4) times for credit.

**LS M04L      Reading Skills Lab \_\_\_\_\_ .50 Unit****CO-REQUISITE: LS M04.****MATERIALS FEE: A \$2.00**

Develops reading comprehension skills and vocabulary through the use of computer-based instruction. Provides practice and reinforcement of reading strategies taught in LS M04, Reading and Reasoning. May be taken for a maximum of 4 times for credit. Does not apply towards Associate Degree.

**LS M07A      Basic Math Skills I \_\_\_\_\_ 3.00 Units**

Foundational math course designed for students with math anxiety, who have difficulty understanding and applying mathematical concepts. Covers basic operation with whole numbers, decimals, and fractions. Teaches math test-taking strategies and mnemonic skills for learning and recalling math operations, which can be used in subsequent math courses. May be taken for a maximum of two (2) times for credit. Does not apply toward a degree.

**LS M07B      Basic Math Skills II \_\_\_\_\_ 3.00 Units****RECOMMENDED PREPARATION: LS M07A**

Foundational math course designed for students with math anxiety, who have difficulty understanding and applying mathematical concepts. Covers percents, proportions, measurement and basic algebra. Teaches math test-taking strategies and mnemonic skills for learning and recalling math operations, which can be used in subsequent math courses. May be taken for a maximum of two (2) times for credit. Does not apply toward a degree.

**LS M09      Strategies for College and Career Success \_\_\_\_\_ 3.00 Units**

Introduces students to strategies for success in achieving college, career, and life goals. Explores interests, values, and personality to increase self-understanding and develop strategies for lifelong learning. Includes self-advocacy, career research, job seeking skills, personal management and communication skills. Instruction is designed to meet the educational needs of students with or without disabilities. Applies to Associate Degree. Transfer Credit: CSU.

**LS M11      Memory Improvement Strategies \_\_\_\_\_ 3.00 Units**

Introduces a variety of memory techniques and practical strategies to improve the ability to organize and remember information for school and general life activities. Does not apply towards Associate Degree. May be taken two times for credit. Does not apply toward a Associate Degree.

**LS M13      Strategies for Positive Self Esteem \_\_\_\_\_ 3.00 Units**

Introduces a ten-step model designed to help students become self-empowered individuals with positive self-esteem. Topics include: Letting go of negative past experiences; developing appreciation of self and others; clarifying purpose and vision; setting new goals and objectives; visualization; affirmations; finding success in college, the workplace, the home environment, and in interpersonal relationships; maintaining self esteem. May be taken 2 times for credit. Does not apply toward a degree.

**LS M14      Computer and Tutorial Instruction \_\_\_\_\_ .50 to 1.50 Unit**

Provides students with the opportunity to develop academic skills through the use of computer-based or small group instruction. Individualized, self-paced instruction is determined by student's identified learning needs. Areas of instruction may include assistive technology training, computer skills development, reading, writing, mathematics, job skills, and study strategies. Offered on a credit/no credit basis only. May be taken for a maximum of 4 times. Does not apply toward a degree.

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# MATHEMATICS

**MATH M01      Elementary Algebra \_\_\_\_\_ 5.00 Units****RECOMMENDED PREPARTION: MATH M09 or equivalent college course**

Briefly reviews arithmetic, including integers, fractions and decimals. Covers linear equations and inequalities, graphing, systems of linear equations, polynomials, rational expressions, integer exponents, square roots and radical expressions, and quadratic equations and the quadratic formula. Applies to Associate Degree.

**MATH M01A      Elementary Algebra Part A \_\_\_\_\_ 3.00 Units****RECOMMENDED PREPARATION: MATH M09 Does not apply toward a degree****OTHER: Both MATH M01A and M11B must be taken for credit to be given for MATH M01.**

Briefly reviews arithmetic, including integers, fractions, and decimals. Covers linear equations and inequalities, graphing, and systems of linear equations. Does not apply towards Associate Degree.

Some class offerings and room assignments may have changed since printing this schedule.

128 Please see the web for the most up to date class schedule at: <http://students.vccd.edu/scheds.htm>.

**MATH M03 Intermediate Algebra 5.00 Units****RECOMMENDED PREPARATION: MATH M01**

Reviews elementary algebra, including factoring, rational expressions, linear equations, and inequalities. Covers determinants and Cramer's Rule, exponents and radicals, complex numbers, functions and graphs, quadratic equations, and exponential and logarithmic functions. Applies to Associate Degree.

**MATH M03A Intermediate Algebra Part A 3.00 Units****RECOMMENDED PREPARATION: MATH M01 or MATH M01B**

*OTHER: The first part of a two-semester course. MATH M03A and MATH M03B are equivalent to MATH M03. A student may receive unit credit for either MATH M03 or MATH M03A and MATH M03B, not both. A student may receive unit credit for either MATH M03 or MATH M03A and MATH M03B, not both. MATH M03A and MATH M03B are equivalent to MATH M03.*

Reviews elementary algebra and covers equations, inequalities, problems solving, graphs and functions, systems of equations, polynomials, and rational polynomial expressions. The first part of a two-semester course. Reviews elementary algebra and covers equations, inequalities, problems solving, graphs and functions, systems of equations, polynomials, and rational polynomial expressions. Applies to Associate Degree.

**MATH M04A Elementary and Intermediate Algebra Part A 5.00 Units****RECOMMENDED PREPARATION: MATH M09**

*OTHER: The first part of a two-semester course. A passing grade in both MATH M04A and MATH M04B must be obtained in order to receive unit credit for Elementary and Intermediate Algebra. Students receiving credit in both MATH M04A and MATH M04B will not receive credit for MATH M01 or MATH M03.*

Reviews integer and fraction computations. Covers linear equations and inequalities, graphing, linear functions, systems of linear equations, integer exponents, polynomials, factoring, rational expressions and equations. Applies to Associate Degree.

**MATH M05 College Algebra 3.00 Units****PREREQUISITE: Math M03, (Math M06 may be taken concurrently).**

*OTHER: Completing MATH M05 and MATH M06 is same as completing MATH M07*

Covers polynomial functions, rational functions, theory of equations, logarithmic and exponential functions, complex numbers, mathematical induction, sequences and series, binomial theorem, and matrices and determinants. Applies to Associate Degree. Transfer credit: CSU; UC.

**MATH M06 Trigonometry 3.00 Units****PREREQUISITE: MATH M05. (Math M05 may be taken concurrently)**

*OTHER: Completion of Math M05 and Math M06 is equivalent to completing Math M07*

Covers functions, trigonometric functions, solutions of triangles, radian measure, analytic trigonometry, trigonometric identities and equations, composite angle identities, inverse trigonometric functions, complex numbers, and polar coordinates. Applies to Associate Degree. Transfer credit: CSU.

**MATH M07 College Algebra and Trigonometry 5.00 Units****PREREQUISITE: Math M03**

*OTHER: Students taking Math M05, Math M06, and Math M07 will receive a maximum of 6 units credit.*

*Completion of Math M07 is equivalent to completing both Math M05 and Math M06*

Integrates college algebra and trigonometry. Recommended if entering MATH M25A/B/C sequence. Includes basic algebraic concepts, equations and inequalities of the first and second degree, functions and graphs, linear and quadratic functions, polynomial functions of higher degree, rational functions, exponential and logarithmic functions, trigonometric functions, analytical trigonometry, systems of equations and inequalities, and sequences and series. Applies to Associate Degree. Transfer credit: CSU; UC maximum credit allowed -- 4 units if combined with Math M05 and M12.

**MATH M09 Pre-Algebra 3.00 Units****RECOMMENDED PREPARATION: Competence with whole number arithmetic (addition, subtraction, multiplication and division of whole numbers)**

Prepares students for algebra, emphasizes basic arithmetic operations on fractions, decimals, and signed numbers. Provides drills to reinforce operations. Emphasizes problem solving and practical applications on topics such as percent, proportion, and measurement. Includes an introduction to basic algebra. Does not apply toward a degree.

**MATH M10 Mathematics for Elementary Teachers 3.00 Units****PREREQUISITE: Math M03**

Covers language of sets, systems of numeration, nature of numbers and the fundamentals of operations, domain of integers, and fields of rational and real numbers. Not recommended for majors in physical sciences or mathematics.

Transfer credit: CSU; UC.

**MATH M13 Mathematical Ideas 3.00 Units****PREREQUISITE: Math M03**

Introduces liberal arts students to the nature of mathematics, the character and origin of different subject fields in mathematics and the application of mathematics to several disciplines. Includes topics in logic, voting theory, management science including circuits, probability, statistics, growth and geometry and related applications such as the traveling salesman problem, fair division, symmetry in nature, and population growth. Applies to Associate Degree. Transfer credit: CSU; UC.

**MATH M15 Introductory Statistics 5.00 Units****PREREQUISITE: Math M03. Applies to Associate Degree**

*OTHER: Students cannot complete both MATH M15 and MATH M15H (Honors) courses because credit will only be awarded to the first course completed.*

Explores nature of statistical methods, including description of sample data, probability, theoretical frequency distributions, sampling, estimation, testing hypotheses and special topics. Provides problem-solving techniques. Applies to Associate Degree. Transfer Credit: CSU; UC.

**MATH M16A Applied Calculus I 3.00 Units****PREREQUISITE: Math M05 or Math M07**

Covers limits, continuity, and differentiation. Applies differential calculus to problems in business, economics, social and biological sciences. Introduces anti-differentiation. Applies to Associate Degree. Transfer credit: CSU; UC.

**MATH M16B Applied Calculus II 3.00 Units****PREREQUISITE: MATH M16A or MATH M25A**

Includes integration, elementary and separable differential equations, functions of several variables, partial derivatives, relative maxima and minima, Lagrange multipliers, method of least squares, double integrals, infinite series, Taylor Approximation, and Newton's method. Applies calculus to problems in business, economics, and social and biological sciences. Transfer credit: CSU; UC.

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**MATH M25A Calculus and Analytical Geometry I** **5.00 Units****PREREQUISITE:** MATH M05 and M06 or MATH M07**OTHER:** Students cannot complete both MATH M25 and MATH M25H (Honors) courses because credit will only be awarded to the first course completed.

Covers limits, continuity, differentiation and integration of algebraic functions with applications, differentiation and integration of elementary transcendental functions with applications, and solutions of first order, separable differential equations with applications. Applies to Associate Degree. Transfer credit: CSU;UC. Maximum credit allowed - one course if combined with MATH M16A.

**MATH M25AH Honors: Calculus Analytical Geometry I** **5.00 Units****PREREQUISITE:** MATH M05 AND MATH M06 OR MATH M07 **RECOMMENDED PREPARATION:** MATH M02**OTHER:** Students cannot complete both MATH M25 and MATH M25H (Honors) courses because credit will only be awarded to the first course completed.

Provides Honors work covering limits, continuity, differentiation and integration of algebraic functions with applications, differentiation and integration of elementary transcendental functions with applications, and solutions of first order, separable differential equations with applications. Emphasizes mathematical rigor and in depth analysis of real-world applications. Honors work challenges students to be more analytical and creative through expanded assignments and enrichment opportunities. Applies to Associate Degree. Transfer credit: CSU; UC.

**MATH M25B Calculus with Analytical Geometry II** **5.00 Units****PREREQUISITE:** MATH M25A or MATH M16B

Reviews differentiation and integration of logarithmic and exponential functions, then covers inverse trigonometric and hyperbolic functions, techniques of integration, improper integrals and L'Hôpital's Rule, sequences, series, and Taylor's Theorem, and analytical geometry including conic sections, translations, rotations, and applications of integration and differentiation. Applies to Associate Degree. Transfer credit: CSU; UC. Maximum credit allowed - one course if combined with MATH M16B.

**MATH M25C Calculus with Analytical Geometry III** **5.00 Units****PREREQUISITE:** MATH M25B

Covers vectors in plane and in three dimensional space, dot and cross products, spherical and cylindrical coordinates, functions of several variables, partial derivatives, gradients, Lagrange multipliers, multiple integrals and their applications, vector calculus with line and surface integrals, Green's, Stokes', and Divergence Theorems and applications. Applies to Associate Degree. Transfer credit: CSU; UC.

**MATH M31 Introduction To Linear Algebra** **3.00 Units****PREREQUISITE:** MATH M25B or equivalent course

Covers linear systems, matrices, vector spaces, linear transformations, eigenvectors and eigenvalues, proofs, and applications. Applies to Associate Degree. Transfer credit: CSU; UC.

**MATH M35 Applied Differential Equations** **3.00 Units****PREREQUISITE:** MATH M25B or equivalent course.

Covers ordinary differential equations, equations with constant coefficients, variation of parameters, Laplace transforms, systems of linear equations, first order differential equations, series solutions, and existence and uniqueness of solutions. Emphasizes applications to physics and engineering as well as an introduction numerical solutions. Applies to Associate Degree. Transfer credit: CSU; UC.

**MICROBIOLOGY****MICR M01 General Microbiology** **5.00 Units****PREREQUISITE:** BIOL M02A or M04 or equivalent & CHEM M01A or M12 or equivalent or high school chemistry

Microbiological principles and lab techniques related to the morphology, metabolism, genetics, classification, and ecology of bacteria are emphasized. Characterization of viruses and eukaryotic microorganisms is also covered. Content on human disease includes characteristics of pathogens, immunology, and epidemiology. Laboratory exercises include aseptic technique, staining, the determination of bacterial growth conditions and requirements, and the identification of an unknown bacterium. In addition, clinical applications are included in lab exercises, as well as the examination of the bacteriology of water, soil, and food. Applies to Associate Degree. Transfer credit: CSU; UC.

**MULTIMEDIA****MM M10 Introduction to Digital Media** **3.00 Units****RECOMMENDED PREPARATION:** Eligibility for ENGL M01A

Introduction to the technology, concepts and principles of production used in the New Media industry. Beginning with 2D and 3D presentations, students will look at integration of graphics, text, sound and video for platforms such as the World Wide Web, CD-ROM, DVD, and interactive television. Students will learn to think critically about design for multimedia, while considering the practical, technical, production, and budgetary constraints. Students will also study the history of multimedia, and gain hands-on experience in the basics of multimedia design and production using Adobe Photoshop and Macromedia Flash. (Formerly MM01) Applies to Associate Degree. Transfer credit: CSU

**MM M20 Web Design** **3.00 Units****RECOMMENDED PREPARATION:** Eligibility for English M01A; Computer fundamentals including operating systems, file management, word processing; MM M10, CIS M30

Introduction to the fundamental aspects of web design, including information architecture, interface design, usability, color theory, web graphics, file formats, and hosting. Still images, simple animation, type, desktop video and sound, and basic interactivity will be used in the design process. Students will produce projects from concept to completion using Macromedia Fireworks, Flash and Dreamweaver. (Formerly MM M02) Applies to Associate Degree. Transfer credit: CSU.

**MM M30 Motion Graphics** **3.00 Units**

Develops the concepts, skills and techniques used in creating and editing motion graphics through hands-on digital video production exercises. Fundamental principles of time-based design, including forms of narrative, storyboarding, composition, visual design and sound and motion will be explored. Using video editing software and Adobe After Effects, students will produce projects from concept to completion. (Formerly MM M03) Applies to Associate Degree. Transfer credit: CSU.

**MM M40 Introduction to 3D Modeling and Animation** **3.00 Units****RECOMMENDED PREPARATION:** Eligibility for ENGL M01A

Introduces the fundamental concepts of 3D computer design, including: modeling, texture mapping and animation. Students create character animation, construct set designs, and complete an independent animated project. Emphasis is upon the conceptual issues and strategies in project development, as well as a working knowledge of Cinema 4D software. (Formerly MM M04). Applies to Associate Degree. Transfer credit: CSU.

Some class offerings and room assignments may have changed since printing this schedule.

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**MM M50 Interactive Design 3.00 Units****RECOMMENDED PREPARATION:** *Eligibility for ENGL M01A; Web design fundamentals; MM M20*

Focuses on the total design of web and interactive media applications. Topics include design issues and methodology, design and implementation of audio, video and 3D elements, production processes, teamwork, compatibility issues, optimization, and testing. Working in teams, students will participate in a directed design and implementation of an interactive media application using Cinema 4D, Adobe After Effects, and Macromedia Flash. (Formerly MM M05) Applies to Associate Degree. Transfer credit: CSU.

**MM M70 Introduction to Game Design 3.00 Units****RECOMMENDED PREPARATION:** *MM M10 or strong computer and Internet literacy, ENGL M01 or ENGL M01AH*

Introduces students to game design and development terminology, principles, tools, and techniques. Includes an introduction to gameplay, the game design industry, game design production processes, game pitches, game design documents, game story development, game character design and development, and character concept art production. Examines the history and theories of game design and explores a variety of game genres and software applications that are used in the creation of digital media. Reviews exemplary artifacts leading to the design and development of a game. Uses game development tools to create a game that is a work of art, in terms of gameplay, story, interface, and visual appeal. Discusses business principles, legal and ethical issues, and technological developments in relation to the creation of computer games. Applies to Associate Degree. Transfer credit: CSU; UC. (under review).

## MUSIC

**MUS M01 Fundamentals of Music 3.00 Units**

Introduces music theory, notation, intervals, scales, triads, sight-singing, and dictation. This course is designed for the student with little or no prior experience in music, and for music majors and minors to fulfill the prerequisite for MUS M02A. Applies to Associate Degree. Transfer Credit: CSU; UC.

**MUS M02A Theory I - Diatonic Harmony 3.00 Units****PREREQUISITE:** *MUS M01***CO-REQUISITE:** *MUS M02AL*

Studies diatonic harmonic vocabulary, four-part chorale writing and voice leading, figured bass, harmonic progression, melodic invention and harmonization and non-harmonic tones. Applies to Associate Degree. Transfer Credit: CSU; UC.

**MUS M02AL Musicianship I 2.00 Units****CO-REQUISITE:** *MUS M02A*

Includes sight singing, as well as rhythmic, melodic, and diatonic harmonic dictation to correlate to harmonic vocabulary of MUS M02A. Makes extensive use of Music Learning Center. May be taken for a maximum of 2 times. Applies to Associate Degree. Transfer Credit: CSU; UC.

**MUS M02B Theory II-Chromatic Harmony 3.00 Units****PREREQUISITE:** *MUS M02A and MUS M02AL***CO-REQUISITE:** *MUS M02BL*

Emphasizes pivot chord modulation. Studies chromatic harmonic vocabulary, foreign key modulation, keyboard and instrumental styles, and composition. Applies to Associate Degree. Transfer Credit: CSU; UC.

**MUS M02BL Musicianship II 2.00 Units****PREREQUISITE:** *MUS M02A and MUS M02AL***CO-REQUISITE:** *MUS M02B*

Develops aural skills introduced in MUS M02AL: sight-singing in solfege, rhythmic clapping, and dictation (rhythmic, melodic, and harmonic), which use the diatonic harmonic vocabulary. Gradually adds chromatic harmonic vocabulary to all aspects of aural skills as the theoretical concept is clarified. emphasizes computer-aided instruction in the Music Learning Center. May be taken for a maximum of 2 times. Applies to Associate Degree. Transfer Credit: CSU; UC.

**MUS M02C Theory III-Musical Analysis 3.00 Units****PREREQUISITE:** *MUS M02B and M02BL***CO-REQUISITE:** *MUS M02CL*

Examination of complex harmonic problems and musical form while surveying musical literature from the Baroque to the early 20th century. Applies to Associate Degree. Transfer Credit: CSU; UC.

**MUS M02CL Musicianship III 2.00 Units****PREREQUISITE:** *MUS M02B and MUS M02BL***CO-REQUISITE:** *M02C*

Develops aural skills introduced in MUS M02BL: Emphasizes individualized work in Music Learning Center. Includes complex drill in all areas of musicianship including keyboard harmony. May be taken for a maximum of 2 times. Applies to Associate Degree. Transfer Credit: CSU; UC.

**MUS M03 Introduction to Music Technology 3.00 Units**

Introduces the concepts, techniques, terminology and uses of music technology; also addresses ethical, aesthetic, economic, and social problems in technology applications. Lab components address usage of current hardware and software for music notation, sequencing, synthesis, digital audio, and music performance and practice. Applies to Associate Degree. Transfer credit: CSU; UC.

**MUS M04 Survey of World Music 3.00 Units****OTHER:** *Students cannot complete both MUS M04 and MUS M04H (Honors) courses because credit will only be awarded to the first course completed.*

Surveys selected world music traditions, examining style, performance practice, and cultural context. The course provides students an appreciation of the range and diversity of musical expression in a variety of world cultures, Western and Non-Western. Requires field trips and concert attendance. Applies to Associate Degree. Transfer credit: CSU; UC.

**MUS M04H Honors: Survey of World Music 3.00 Units****OTHER:** *Students cannot complete both MUS M04 and MUS M04H (Honors) courses because credit will only be awarded to the first course completed.*

Honors work in examining selected world music traditions, with a focus on style, performance practice, and cultural context. The course provides honors students an appreciation of the range and diversity of musical expression in a variety of world cultures, Western and Non-Western. Requires field trips and concert attendance. Applies to Associate Degree. Transfer credit: CSU; UC.

- MUS M08 Music Appreciation 3.00 Units**  
Introduces history of music, emphasizing understanding and enjoyment. Investigates basic elements of music, including structure of musical compositions as well as orchestral instrumentation. Focuses on styles, characteristics, and composers representative of (but not limited to) Western classical tradition, with directed listening of major musical examples. Not recommend for music majors. Applies to Associate Degree. Transfer Credit: CSU; UC.
- MUS M09A Music History I 3.00 Units**  
Explores musical activity, influences, and contributions of Greek and Roman civilizations. Traces development of music of Western world from Romanesque period to Baroque, including major composers as well as instrumental and vocal forms of each period. Requires listening to, identifying, and analyzing representative works of each period. Applies to Associate Degree. Transfer credit: CSU; UC.
- MUS M10 Concert Choir 2.00 Units**  
Singing organization. Teaches choral music selected from the Renaissance, Baroque, Classical, Romantic, and Modern Periods. Includes performing in on-campus concerts, high school assembly programs, community college choral festivals, and other community events. May be taken four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.
- MUS M12 Vocal Ensemble 2.00 Units**  
*PREREQUISITE: Audition*  
Select group of singers known as Renaissance Singers. Studies and performs suitable choral music from all periods. May be taken four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.
- MUS M13A Fundamentals of Vocal Technique I 2.00 Units**  
Begins development of vocal potential to correct faulty singing and to lay foundation for proper vocal production. Emphasizes vocal exercises as well as material sung in Italian, English and German. Designed for both majors and non-majors. Applies to Associate Degree. Transfer credit: CSU; UC
- MUS M13B Fundamentals of Vocal Technique II 2.00 Units**  
*PREREQUISITE: MUS M13A*  
Expands vocal development through advanced vocal exercises and the introduction of advanced material, including art songs, opera and oratorio literature. Applies to Associate Degree. Transfer credit: CSU; UC.
- MUS M13C Advanced Vocal Development I 2.00 Units**  
*PREREQUISITE: MUS M13B*  
Continues development of a proper vocal production. Includes English, Italian, German, French art songs and more demanding opera and oratorio literature. Applies to Associate Degree. Transfer credit: CSU; UC.
- MUS M13D Advanced Vocal Development II 2.00 Units**  
*PREREQUISITE: MUS M13C*  
Further expands vocal development through study and performance. Includes more challenging material, emphasizing operatic and oratorio literature as well as more difficult art songs. Applies to Associate Degree. Transfer credit: CSU; UC.
- MUS M15 Moorpark Community Orchestra 1 to 2.00 Units**  
*PREREQUISITE: Must be able to read music and be proficient on an orchestral instrument*  
Provides a venue for developing orchestral instrumentalist to rehearse and to perform. Focuses on basic orchestral skills while developing proper ensemble techniques. Successful completion could lead to an audition with the Moorpark Symphony Orchestra. May be taken a maximum of 4 times. Transfer credit: CSU; UC.
- MUS M18 Studio Jazz Ensemble 2.00 Units**  
*RECOMMENDED PREPARATION: Ability to read music and play a standard jazz musical instrument*  
Students will learn the basics of participation and performance in small and large jazz ensembles, including sight-reading, jazz chord theory, and improvisation. Participation in concert is required. May be taken four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.
- MUS M19 Chamber Ensembles 2.00 Units**  
*RECOMMENDED PREPARATION: Ability to play a musical instrument and to read music notation*  
Within a chamber ensemble setting, students will study, rehearse, and perform chamber music literature from the Renaissance to the Twentieth Century. May be taken for a maximum of 4 times. Applies to Associate Degree. Transfer credit: CSU; UC.
- MUS M20 Piano Ensemble 2.00 Units**  
*PREREQUISITE: MUS M25B*  
Rehearse and perform piano literature composed for 1-piano/4-hands, 2-pianos/4-hands, and 2-piano/8-hands. Perform in class as well as in public concert. Designed for piano majors and students beyond elementary piano level. Transfer credit: CSU;UC. Requires note reading ability in Grand Staff & basic piano technique and coordination. May be taken for a maximum of 4 times.
- MUS M21 Wind Ensemble 2.00 Units**  
*PREREQUISITE: Ability to perform on a standard band instrument.*  
Provides rehearsals and public performances for wind and percussion instrumentalists, focusing on a standard wind ensemble and symphonic bank repertoire. May be taken four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC
- MUS M23 Moorpark Symphony Orchestra 1.00 to 2.00 Units**  
*PREREQUISITE: MUS M15*  
Provides a venue in which intermediate and advanced orchestral instrumentalists can rehearse and perform. Focuses on orchestral performance practices covering wide stylistic eras from Baroque to the modern. Transfer Credit: CSU; UC (under review) Make be taken for a maximum of four (4) times. Applies to Associate Degree
- MUS M25A Class Piano-Beginning I 2.00 Units**  
Designed for students with little or no prior piano experience. Includes the fundamentals of piano playing, music reading, technique, improvisation, scales, chords, and simple piano literature. Applies to Associate Degree. Transfer credit: CSU; UC .
- MUS M25B Class Piano-Beginning II 2.00 Units**  
*RECOMMENDED PREPARATION: MUS M25A*  
Designed for students with some basic music reading ability and hand coordination at the piano keyboard. Includes the further development of independence of hands and reinforces the fundamentals of piano playing, including music reading, technique, articulation, improvisation, scales, chords, and simple piano literature. Transfer credit: CSU; UC.

Some class offerings and room assignments may have changed since printing this schedule.

132 Please see the web for the most up to date class schedule at: <http://students.vcccd.edu/scheds.htm>.

**MUS M25C Class Piano-Intermediate I \_\_\_\_\_ 2.00 Units****PREREQUISITE: MUS M25B**

Provides further development of greater independence of hands and reinforces the fundamentals of expressive piano playing at the early-intermediate level, including music reading, technique, improvisation, scales, and chords. Includes an overview and study of the didactic works of the major important composers at the early-intermediate level, with emphasis on historically accurate interpretation. Applies to Associate Degree. Transfer credit: CSU; UC.

**MUS M25D Class Piano-Intermediate II \_\_\_\_\_ 2.00 Units****PREREQUISITE: MUS M25C**

Provides further development of greater independence of hands and reinforces the fundamentals of expressive piano playing at the later-intermediate level, including music reading, technique, improvisation, scales, and chords. Includes an overview and study of the didactic works of the major important composers at the later-intermediate level, with emphasis on historically accurate interpretation. Applies to Associate Degree. Transfer credit: CSU; UC.

**MUS M29 Repertoire Class \_\_\_\_\_ 1.00 Unit****CO-REQUISITE: MUS M30**

Requires student performance of musical literature studied in MUS M30A-G. Discusses various issues concerning public performance. May be taken for a maximum of 4 times. Applies to Associate Degree. Transfer credit: CSU; UC.

**MUS M30A Applied Music-Woodwind \_\_\_\_\_ 1.00 Unit**

**CO-REQUISITE: MUS M29, MUS M02A/M02AL, or MUS M02B/M02BL or MUS M02C/M02CL or MUS M02D or M02DL, MUS M10, MUS M12, MUS M15, MUS M18, MUS 19, MUS M20, MUS M21, MUS M23, MUS M60D, MUS M60G, MUS M60P or MUS M60V.**

**OTHER: Performance at college level, with audition based on repertoire standards established by the Music Department.**

Provides a one-hour private weekly lesson in performance of literature for the individual instrument. May be taken four (4) time for credit. Applies to Associate Degree. Transfer Credit: CSU; UC.

**MUS M30B Applied Music-Brass \_\_\_\_\_ 1.00 Unit**

**CO-REQUISITE: MUS M29, MUS M02A/M02AL, or MUS M02B/M02BL or MUS M02C/M02CL or MUS M02D or M02DL, MUS M10, MUS M12, MUS M15, MUS M18, MUS 19, MUS M20, MUS M21, MUS M23, MUS M60D, MUS M60G, MUS M60P or MUS M60V**

**OTHER: Performance at college level, with audition based on repertoire standards established by the Music Department**

Provides a one-hour private weekly lesson in performance of literature for the individual instrument. May be taken four (4) time for credit. Applies to Associate Degree. Transfer Credit: CSU; UC.

**MUS M30C Applied Music-Strings \_\_\_\_\_ 1.00 Unit**

**CO-REQUISITE: MUS M29, MUS M02A/M02AL, or MUS M02B/M02BL or MUS M02C/M02CL or MUS M02D or M02DL, MUS M10, MUS M12, MUS M15, MUS M18, MUS 19, MUS M20, MUS M21, MUS M23, MUS M60D, MUS M60G, MUS M60P or MUS M60V**

**OTHER: Performance at college level, with audition based on repertoire standards established by the Music Department**

Provides a one-hour private weekly lesson in performance of literature for the individual instrument. May be taken four (4) time for credit. Applies to Associate Degree. Transfer Credit: CSU; UC.

**MUS M30D Applied Music-Piano \_\_\_\_\_ 1.00 Unit**

**CO-REQUISITE: MUS M29, MUS M02A/M02AL, or MUS M02B/M02BL or MUS M02C/M02CL or MUS M02D or M02DL, MUS M10, MUS M12, MUS M15, MUS M18, MUS 19, MUS M20, MUS M21, MUS M23, MUS M60D, MUS M60G, MUS M60P or MUS M60V**

**OTHER: Performance at college level, with audition based on repertoire standards established by the Music Department**

Provides a one-hour private weekly lesson in performance of literature for the individual instrument. May be taken four (4) time for credit. Applies to Associate Degree. Transfer Credit: CSU; UC.

**MUS M30E Applied Music -Class Guitar \_\_\_\_\_ 1.00 Unit**

**CO-REQUISITE: MUS M29, MUS M02A/M02AL, or MUS M02B/M02BL or MUS M02C/M02CL or MUS M02D or M02DL, MUS M10, MUS M12, MUS M15, MUS M18, MUS 19, MUS M20, MUS M21, MUS M23, MUS M60D, MUS M60G, MUS M60P or MUS M60V .**

**OTHER: Performance at college level, with audition based on repertoire standards established by the Music Department**

Provides a one-hour private weekly lesson in performance of literature for the individual instrument. May be taken four (4) time for credit. Applies to Associate Degree. Transfer Credit: CSU; UC.

**MUS M30F Applied Music-Percussion \_\_\_\_\_ 1.00 Unit**

**CO-REQUISITE: MUS M29, MUS M02A/M02AL, or MUS M02B/M02BL or MUS M02C/M02CL or MUS M02D or M02DL, MUS M10, MUS M12, MUS M15, MUS M18, MUS 19, MUS M20, MUS M21, MUS M23, MUS M60D, MUS M60G, MUS M60P or MUS M60V**

**OTHER: Performance at college level, with audition based on repertoire standards established by the Music Department**

Provides a one-hour private weekly lesson in performance of literature for the individual instrument. May be taken four (4) time for credit. Applies to Associate Degree. Transfer Credit: CSU; UC.

**MUS M30G Applied Music-Voice \_\_\_\_\_ 1.00 Unit**

**CO-REQUISITE: MUS M29, MUS M02A/M02AL, or MUS M02B/M02BL or MUS M02C/M02CL or MUS M02D or M02DL, MUS M10, MUS M12, MUS M15, MUS M18, MUS 19, MUS M20, MUS M21, MUS M23, MUS M60D, MUS M60G, MUS M60P or MUS M60V**

**OTHER: Performance at college level, with audition based on repertoire standards established by the Music Department**

Provides a one-hour private weekly lesson in performance of literature for the individual instrument. May be taken four (4) time for credit. Applies to Associate Degree. Transfer Credit: CSU; UC.

<b>MUS M32</b>	<b>Class Guitar</b>	<b>2.00 Units</b>
Introduces basic skills required to play and read simple melodies, scales, arpeggios and chords on classical and acoustic guitars. May be taken for a maximum of 4 times. Applies to Associate Degree. Transfer Credit: CSU;UC.		
<b>MUS M60A</b>	<b>Intermediate Orchestral Techniques</b>	<b>1 to 2.00 Units</b>
<i>PREREQUISITE: MUS M15</i>		
Emphasizes rehearsal disciplines and responsibilities (bowing, fingering, and dynamics). May be taken four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>MUS M60F</b>	<b>Advanced Orchestral Techniques</b>	<b>2.00 Units</b>
<i>PREREQUISITE: MUS M60A.</i>		
Emphasizes interpretation of rhythm and phrasing. May be taken four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.		

## NURSING SCIENCE

<b>NS M01</b>	<b>Beginning Nursing Science</b>	<b>4.00 Units</b>
<i>PREREQUISITE: Admission to Moorpark College Nursing Program</i>		
<i>CO-REQUISITE: NS M01</i>		
<i>MATERIALS FEE: \$80.00</i>		
Introduces the nursing process as the foundation for nursing practice, the nursing skills and principles necessary to implement for process, and the roles of nurse as a care provider, manager and contributor to the profession. Nursing values of caring, integrity, ethical practice, diversity, education, service and quality are emphasized. Based on the concepts of Orem's Self-Care Model, the focus is on assessment, identifying the client's universal self-care requisites: air, water, food, elimination, activity, social, safety and normalcy in the adult and elder. Assessment of the integumentary, musculoskeletal, respiratory, gastrointestinal, genitourinary and neurological system including sleep, comfort and pain will be covered. Nursing actions related to health promotion and deviations: endocrine, cardiac, and respiratory will be addressed. May be taken two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU.		
<b>NS M01L</b>	<b>Beginning Nursing Science Clinical Laboratory I</b>	<b>4.50 Units</b>
<i>PREREQUISITE: Admission to Moorpark College Nursing Program</i>		
<i>CO-REQUISITE: NS M01</i>		
Provides application of the nursing process to 1-2 selected adult and geriatric populations with nursing actions related to health promotions and deviations in: endocrine, cardiac, and respiratory in the acute and extended care settings. May be taken two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU.		
<b>NS M02</b>	<b>Intermediate Nursing Science I</b>	<b>5.00 Units</b>
<i>PREREQUISITE: NS M01, NS M01L</i>		
<i>CO-REQUISITE: NS M02L</i>		
Focuses on Orem's Self Care Model and critical thinking in the application of the nursing process in selected adult, geriatric, and pediatric populations with nursing actions related to health promotion and deviations: pregnancy/complications, fetal development, labor and delivery, postpartum and newborn periods, pediatrics, women's health, gastrointestinal, fluid/electrolyte, peripheral vascular, musculoskeletal, sensory, skin integrity, and hematology. Diagnostic measures, medical therapeutic modalities, pharmacology and medication administration, nutrition, cultural and bio-psycho-social-spiritual concepts with preventive, supportive, and rehabilitative nursing are incorporated. Also, legal and ethical considerations, growth and development as related to the client's therapeutic self-care demands are addressed. Can be taken for a total of two (2) times. Applies to Associate Degree. Transfer Credit: CSU.		
<b>NS M02L</b>	<b>Intermediate Nursing Science Clinical Laboratory I</b>	<b>4.50 Units</b>
<i>PRE-REQUISITE: NS M01, NS M01L</i>		
<i>CO-REQUISITE: NS M02</i>		
Provides application of the nursing process to 2-3 selected adult, geriatric, maternal and pediatric populations with nursing actions related to health promotion and deviations in the acute and ambulatory care settings. Can be taken for a total of two (2) times. Applies to Associate Degree. Transfer Credit: CSU.		
<b>NS M03</b>	<b>Intermediate Nursing Science II</b>	<b>5.00 Units</b>
<i>PREREQUISITE: NS M02, NS M02L</i>		
<i>CO-REQUISITE: NS M03L</i>		
Focuses on Orem's Self Care Model and critical thinking in the application of the nursing process in selected adult, geriatric, pediatric, psychiatric, family and group/care-giver populations with nursing actions related to health promotion and treatment of deviations in: psycho-social, mental illness, neurological, genital-urinary, hepatic and endocrine. Diagnostic measures, medical therapeutic modalities, pharmacology and medication administration, nutrition, cultural and bio-psycho-social-spiritual concepts with preventive, supportive, and rehabilitative nursing are incorporated. Also, legal and ethical considerations, growth and development as related to the client's therapeutic self-care demands are addressed. May be taken two (2) times for credit. Transfer credit: CSU.		
<b>NS M03L</b>	<b>Intermediate Nursing Science Clinical Laboratory II</b>	<b>5.00 Units</b>
<i>PREREQUISITE: NS M02, NS M02L</i>		
<i>CO-REQUISITE: NS M03</i>		
Provides application of the nursing process to 2-4 selected adult, adolescent, geriatric, and mental health patient populations with nursing actions related to health promotion and deviations in the acute and community health settings. Applies critical thinking and problem solving skills and refines communication and interpersonal relationship skills. Focuses on patient care management. May be taken a maximum of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU.		
<b>NS M04</b>	<b>Advanced Nursing Science</b>	<b>4.00 Units</b>
<i>PREREQUISITE: NS M03, NS M03L</i>		
<i>CO-REQUISITE: NS M04L</i>		
Advanced course of nursing practice focusing on the application of the nursing process to the client with complex health deviations involving multiple organ systems. A holistic approach of viewing the clients' health functions (organic, psychological, and social) throughout the life cycle is utilized. Within the professional nursing practice importance is placed on three systems: compensatory, partially compensatory, and educative supportive. Additional emphasis is placed on nursing judgment reflecting critical thinking, decision-making, leadership, collaboration, and teaching based on application of theory. The course is designed to ease the transition from student to staff nurse. A portion of the course focus is on the health care delivery systems and the practice of nursing including: legal and ethical issues, professional organizations, reality shock, conflict resolution and current issues that confront nurses today. Principles concerning delivery of nursing care, leadership and professionalism relevant to current nursing practice will be presented. May be taken two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU.		

COURSE DESCRIPTION

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134 Please see the web for the most up to date class schedule at: <http://students.vccd.edu/scheds.htm>.

**NS M04L      Advanced Nursing Science Clinical Laboratory \_\_\_\_\_ 5.00 Units****PREREQUISITE:** NS M03, NS M03L**CO-REQUISITE:** NS M04

Applies organizational, leadership and management skills in providing care to a group of patients in the intensive care, acute and ambulatory care settings. May be taken a maximum of two (2) times for credit. Transfer credit: CSU.

**NS M11      Nursing Skills Laboratory I \_\_\_\_\_ 1.00 Unit**

Application of theory from Beginning Nursing Science I through simulated clinical experience, computer assisted instruction, audio-visual aids, case study discussions, and individualized instruction. Open-lab structure allows individually arranged lab hours. may be taken a for a total of three (3) times. Applies to Associate Degree. Transfer Credit: CSU.

**NS M12      Nursing Skills Laboratory II \_\_\_\_\_ 1.00 Unit****RECOMMENDED PREPARATION:** NS M01

Provides application of theory from NS M02 through simulated clinical experience, computer assisted instruction, audio-visual aids, case study discussions, and individualized instruction. Open-lab structure allows individually arranged lab hours. May be taken a maximum of three (3) times for credit. Applies to Associate Degree. Transfer Credit: CSU.

**NS M13      Nursing Skills Laboratory III \_\_\_\_\_ 1.00 Unit****RECOMMENDED PREPARATION:** NS M02

Provides application of theory from NS M03 through simulated clinical experience, computer assisted instruction, audio-visual aids, case study discussions, and individualized instruction. Open-lab structure allows individually arranged lab hours. Applies to Associate Degree. Transfer Credit: CSU.

**NS M14      Nursing Skills Laboratory IV \_\_\_\_\_ 1.00 Unit****RECOMMENDED PREPARATION:** NS M03

Provides application of theory from NS M04 through simulated clinical experience, computer assisted instruction, audio-visual aids, case study discussions, and individualized instruction. Open-lab structure allows individually arranged lab hours. May be taken three (3) times for credit. Applies to Associate Degree. Transfer Credit: CSU.

**NS M16      Study Skills for Nursing Students \_\_\_\_\_ 3.00 Units**

Provides academic preparation for pre-nursing students. Develops student's learning profile, study skills, communication, time management, test-taking, reading comprehension, and mathematics. Does not apply to the Associate Degree. Does not apply to the Associate Degree.

**NS M49      Nursing Practicum \_\_\_\_\_ 2.00 to 5.00 Units****PREREQUISITE:** Successful completion of the first year of Associate Degree Nursing Program**RECOMMENDED PREPARATION:** NS M03 and NS M03L

Provides the intermediate nursing student with a paid practicum cooperatively planned by an employing agency and the nursing faculty. This work study provides the student nurse with a supportive educational program to assist in practicing learned technical skills, organizational skills, and critical thinking strategies. May be taken for a maximum of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU.

## NUTRITIONAL SCIENCE

**NTS M01      Nutrition \_\_\_\_\_ 3.00 Units**

Examines nutrition science as it relates to human physiology, microbiology, biochemistry and the psychology of wellness. Explores nutrient requirements throughout the lifecycle as influenced by social, cultural, economic and environmental conditions. Applies to Associate Degree. Transfer credit: CSU; UC (NTS M01 or NTS M03 combined with PHSO M02: maximum credit, one course). Transfer credit: CSU; UC.

**NTS M10M      Healthful Eating \_\_\_\_\_ 0.50 Unit**

Examines the foundation of nutrition science; nutrients, their individual requirements, nutrition guidelines, diets and fad diets, and nutritional standards. Discusses consumer issues, personal food choices, and the role of diet in the prevention of disease. Same course as: HED M10M. Transfer credit: CSU.

**NTS M10R      Nutrition and Diabetes Management \_\_\_\_\_ 0.50 Unit**

Provides an overview of various aspects of diabetes, with an emphasis on diabetes nutrition. Identifies strategies for managing diabetes. Includes step-by-step survival skills for dealing with the daily routine of diabetes care. Demonstrates the process of carbohydrate counting as the cornerstone of diabetes management. Provides a care plan for preventing diabetes complications. (Same course as HED M10R) Applies to Associate Degree. Transfer Credit: CSU.

**NTS M10S      Sports and Exercise Nutrition \_\_\_\_\_ 0.50 Unit**

Provides a complete overview of diabetes, with an emphasis on diabetes nutrition, and the psychological and social impact on the individual. Includes step-by-step survival skills for dealing with the daily routine of diabetes care. Provides strategies for preventing diabetes complications. Demonstrates the process of carbohydrate counting and exercise as the cornerstones of diabetes management. (Same course as HED M10S). Applies to Associate Degree. Transfer Credit: CSU.

**NTS M20      Sanitation and Safety \_\_\_\_\_ 3.00 Units**

Explores basic principles of microbiology, sanitation, safety, equipment selection, and facility layout for a food service operation. Prepares student for national Food Handler Certification examination. Applies to Associate Degree. Transfer Credit: CSU.

## PHILOSOPHY

**PHIL M01      Introduction to Philosophy \_\_\_\_\_ 3.00 Units****OTHER:** Students cannot complete both PHIL M01 and PHIL M01H (Honors) courses because credit will only be awarded to the first course completed.

Systematically explores the concepts of knowledge, reality, and value, including review of epistemology, metaphysics, ethics, aesthetics, political philosophy, and philosophy and philosophy of religion. Introduces idealism, realism, skepticism, materialism, and relativism. Applies to Associate Degree. Transfer credit: CSU; UC.

**PHIL M01H      Honors: Introduction to Philosophy \_\_\_\_\_ 3.00 Units****OTHER:** Students cannot complete both PHIL M01 and PHIL M01H (Honors) courses because credit will only be awarded to the first course completed.

Honors work in the systematic exploration of the concepts of knowledge, reality, and value, including review of epistemology, metaphysics, ethics, aesthetics, political philosophy, and philosophy of religion. Introduces idealism, realism, skepticism, materialism, and relativism. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications and enrichment opportunities. Applies to Associate Degree. Transfer Credit: CSU;UC(PHIL M01 and M01H combined: maximum credit: one course).

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<b>PHIL M02</b>	<b>Introduction to Ethics</b>	<b>3.00 Units</b>
<i>OTHER: Students cannot complete both PHIL M02 and PHIL M02H (Honors) courses because credit will only be awarded to the first course completed.</i>		
Systematic introduction to consequentiality, deontological and virtue theories, metaethical theories, and topics such as freedom and responsibility, justice, and moral relativism. Provider approved by the California Board of Registered Nursing, provider number CEP2811 for 45 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>PHIL M03</b>	<b>Social and Political Philosophy</b>	<b>3.00 Units</b>
Explains the organization of societies, the formation of governments, and the concept of justice, equality, rights and duties, classes and power structures. Transfer credit: CSU; UC. Applies to Associate Degree.		
<b>PHIL M07</b>	<b>Introduction to Logic</b>	<b>3.00 Units</b>
Explores deductive and inductive reasoning, definitions, verification, argument forms, and formal and informal fallacies. Transfer credit: CSU; UC. Provider approved by the California Board of Registered Nursing, provider number CEP2811 for 45 contact hours. Applies to Associate Degree. Transfer Credit: CSU; UC.		
<b>PHIL M09</b>	<b>Introduction to Symbolic Logic</b>	<b>3.00 Units</b>
Introduces symbolic logic, including the logic of connectives and quantifiers, truth functional composition, consistency trees, derivations, and quantifications. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>PHIL M11</b>	<b>World Religions: West</b>	<b>3.00 Units</b>
Conducts a comparative study of the major ideas of western religious traditions, including Judaism, Christianity and Islam. Explores cultural and historical contexts in which these religions arose, and recent forms of these traditions. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours . Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>PHIL M12</b>	<b>World Religions: East</b>	<b>3.00 Units</b>
Compare the major ideas of the world's eastern religious traditions, including Hinduism, Zoroastrianism, Buddhism, Jainism, Sikhism, Taoism, Confucianism and Shinto. Explores cultural and historical contexts in which these religions arose, as well as recent forms of these traditions. Emphasizes main similarities and differences exhibited within these traditions. Provider approved by the California Board of registered nursing. Provider number CEP2811 for 45 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>PHIL M13</b>	<b>The Classical Mind</b>	<b>3.00 Units</b>
Studies ancient and medieval philosophy up to the Renaissance, emphasizing the development of central philosophical themes. Applies to Associate Degree. Transfer credit: CSU; UC.		

## PHOTOGRAPHY

<b>PHOT M01A</b>	<b>Beginning Photography</b>	<b>3.00 Units</b>
Explores photography as a means of creative expression. Introduces photographic theory, including camera operation, exposure, developing and printing. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>PHOT M01B</b>	<b>Beginning Photography</b>	<b>3.00 Units</b>
<i>PREREQUISITE: PHOT M01A or suitable portfolio</i>		
Explores variety of traditional techniques in black and white, including high contrast images, solarization, posterization, gum bichromate printing and cyanotypes. Reviews film sensitivity testing, developer density parameters, paper and paper developer characteristics, archival processing, the use of medium format cameras, and introduction to the view camera. Emphasizes creativity. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>PHOT M01B</b>	<b>Intermediate Photography</b>	<b>3.00 Units</b>
<i>PREREQUISITE: PHOT M01A or suitable portfolio</i>		
Explores variety of traditional techniques in black and white, including high contrast images, solarization, posterization, gum bichromate printing and cyanotypes. Reviews film sensitivity testing, developer density parameters, paper and paper developer characteristics, archival processing, the use of medium format cameras, and introduction to the view camera. Emphasizes creativity. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>PHOT M03</b>	<b>Basic Color</b>	<b>3.00 Units</b>
<i>PREREQUISITE: PHOT M01B or suitable portfolio</i>		
Introduces principles of color photography. Develops expressive visual statement. Reviews processing of transparency materials, emphasizing creative special effects achieved through unique lighting, films and camera techniques. Encourages experimentation. may be taken for a total of two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU.		
<b>PHOT M06</b>	<b>Electronic and Digital Photography</b>	<b>3.00 Units</b>
<i>PREREQUISITE: A course in the discipline</i>		
<i>MATERIALS FEE: \$5.00</i>		
Focuses on Adobe Photoshop for photography, computer graphics, illustration and graphic design. Includes appropriate techniques for scanning negatives, transparencies, reflective materials, type effects, color correction, selection techniques, special effects, channel calculations, adjustment layers, output devices and clipping paths/groups. Clarifies relationship between traditional film-based photography and digital techniques. May be taken two (2) times for credit. (Same course as GR M27.) Applies to Associate Degree. Transfer credit: CSU.		
<b>PHOT M08</b>	<b>Basic Photo Journalism</b>	<b>3.00 Units</b>
<i>PREREQUISITE: PHOT M01A or suitable portfolio.</i>		
Introduces aspects of photography applicable to mass communication, broadcast and print journalism. Concentrates on translating ideas to images for reproduction in magazines and newspapers and as book illustrations. Includes special effects, use of camera and light as creative tools, and basic motion picture techniques. May be taken two (2) times for credit. (Same course as JOUR M08). Applies to Associate Degree. Transfer credit: CSU.		
<b>PHOT M60D</b>	<b>Topic/Lab Practice</b>	<b>Units</b>
<i>PREREQUISITE: A previous college-level course in the discipline</i>		
Offers instructor supervised lab work for beginning, intermediate and advanced students. May be taken a total of May be taken a maximum of four (4) times for credit. Applies to Associate Degree.		
<b>PHOT M60E</b>	<b>Laboratory Practice</b>	<b>2.00 Units</b>
<i>PREREQUISITE: A previous college-level course in the discipline</i>		
Instructor-supervised lab work for beginning, intermediate and advanced students. May be taken four (4) times for credit. Applies to Associate Degree.		

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# PHYSICAL EDUCATION

- PE M01A Walking for Fitness** **1.00 to 1.50 Units**  
Provides exercise and fitness training, emphasizing cardiovascular conditioning to improve muscle tone. May be taken a maximum of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.
- PE M02A Body Conditioning Fitness Center** **.50 to 1.50 Units**  
This physical fitness exercise course is designed to develop and encourage positive attitude and habits with regards to cardiovascular efficiency, muscular strength and endurance, flexibility and body composition. May be taken a maximum of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.
- PE M02B Body Conditioning Free Weights** **1.00 to 1.50 Units**  
Introduces overall body conditioning. Emphasizes improving the cardiovascular system, enhancing flexibility, and increasing muscular strength. Includes jogging, stretching, and specific free weight exercises. May be taken a maximum of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.
- PE M03A Running for Fitness and Conditioning** **1.00 to 1.50 Units**  
Emphasizes improved physical health and cardiovascular fitness through running and overall conditioning. Includes endurance training with a gradual increase in distance. May be taken a maximum of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.
- PE M05 Bowling** **1.50 units**  
Introduces rules, etiquette, safety and techniques of bowling. Meets off campus. May be taken a maximum of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.
- PE M06A Beginning Golf** **1.00 to 1.50 Units**  
Introduces basic rules and skills needed for playing golf. Includes development of skills and analysis of technique. May be taken a maximum of four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.  
Transfer credit: CSU; UC.
- PE M06C Intermediate Golf** **1.00 to 1.50 Units**  
*PREREQUISITE: PE M06A or equivalent*  
Expands golfing skills through more extensive review of techniques and increased practice. May be taken a maximum of four (4) times for credit. Transfer credit: CSU; UC.
- PE M08 Power Lift/Free Weights** **1.00 to 1.50 Units**  
Introduces weight training and conditioning to build strength, power, and bulk. Focuses on the development of upper body strength, rehabilitation and strengthening of knee joints, and refinement of power lifting for the lower body. Emphasizes quickness, coordination, balance and speed through competitive drills and routines. May be taken a maximum of 4 times. Applies to Associate Degree. Transfer credit: CSU; UC.
- PE M11A Beginning Tennis** **1.00 to 1.50 Units**  
Introduces beginning tennis skills, including etiquette, rules, and basic techniques. May be taken a maximum of 4 times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.
- PE M11C Intermediate Tennis** **1.00 to 1.50 units**  
*PREREQUISITE: PE M11A or equivalent*  
Expands strategies, rules and techniques of tennis, emphasizing both singles and doubles play. May be taken a maximum of 4 times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.
- PE M12 Extreme Aerobic Mix** **1.00 to 1.50 Units**  
Develops a high level of cardiovascular efficiency. Promotes strength and flexibility through a variety of high-energy activities. Utilizes aerobic dance, funk, hip-hop, step, cardio kickboxing, and plyometrics to achieve a high level of conditioning and coordination. May be taken for a maximum of 4 times. Applies to Associate Degree. Transfer credit: CSU; UC.
- PE M13 Hiking and Backpacking** **2.00 Units**  
Uses lecture, field study and experience to introduce sport of hiking and backpacking. Covers conditioning, skills, information and resources. Emphasizes safety procedures. Requires field trips. Applies to Associate Degree. Transfer credit: CSU; UC.
- PE M15 Cardio Kick Boxing** **1 to 1.50 Units**  
Offers a comprehensive and balanced program that develops proficiency in cardio kick boxing skills as well as physical and general health. Works every major muscle group in the upper and lower body, varying movements and speed to accommodate the fitness level of all students. Applies to Associate Degree. Transfer credit: CSU; UC.
- PE M16 Flexible Strength/Pilates Mat** **1 to 1.50 Units**  
A training technique designed to strengthen and tone muscles, improve posture, provide flexibility and balance, and create a more streamlined shape. Designed to emphasize the core muscles – the abdominal area, lower back, hips, and buttocks – thereby providing a strong foundation for any activity. Applies to Associate Degree. Transfer Credit: CSU; UC.
- PE M17 Conditioning for Athletic Comp** **1.50 Units**  
Designed to properly prepare and condition prospective athletes for competition. Athletics require an advanced degree of skill and preparation. Athletes engaged in competition need specific conditioning to insure optimal opportunity to perform at peak levels and have a more injury-free experience. Applies to Associate Degree. Transfer credit: CSU; UC.
- PE M18 Core Stability and Stretch** **1.00 to 1.50 Units**  
Implements a variety of core (abdominal/trunk) training techniques including functional integrated resistance exercise, stability balls, yoga, and Pilate's, this class will focus on concepts and practices that develop core stability and overall flexibility for healthier living. May be taken four times for credit. Applies to Associate Degree. Transfer Credit: CSU; UC.
- PE M23C Intermediate Baseball** **1.00 to 1.50 Units**  
Develops intermediate techniques and strategies for baseball. Emphasizes skills levels for use in games. Applies to Associate Degree. Transfer credit: CSU; UC.
- PE M23D Advanced Baseball** **1.00 to 1.50 Units**  
*PREREQUISITE: PE M23C or equivalent.*  
Develops advanced skills in baseball, emphasizing methods and styles of play. Requires participation in fall baseball program. Applies to Associate Degree. Transfer credit: CSU; UC.
- PE M24C Intermediate Basketball** **1.00 to 1.50 Units**  
Develops intermediate techniques and strategies in basketball. May be taken a maximum of 4 times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.

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<b>PE M24D</b>	<b>Advanced Basketball</b>	<b>1.00 to 2.00 Units</b>
<i>PREREQUISITE: PE M24C or varsity high school experience.</i>		
Introduces advanced skills and techniques in basketball. Uses game experience to develop different styles and formats of play. Develops cardiovascular fitness. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>PE M25D</b>	<b>Advanced Football</b>	<b>1.00 to 1.50 Units</b>
Develops intermediate skills in football. Introduces theory behind different styles of play. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>PE M27A</b>	<b>Beginning Soccer</b>	<b>1.00 to 1.50 Units</b>
Develops skills, rules, techniques and strategies of soccer. Requires participation. Co-educational. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>PE M27C</b>	<b>Intermediate Soccer</b>	<b>1.00 to 1.50 Units</b>
Develops intermediate skills and strategies of soccer. Requires participation. Co-educational. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>PE M28D</b>	<b>Advanced Softball</b>	<b>1.00 to 1.50 Units</b>
Develops advanced skills and strategies. Requires participation. Co-educational. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>PE M29C</b>	<b>Intermediate Track</b>	<b>1.00 to 1.50 Units</b>
Introduces intermediate techniques and strategies in track and field. Prepares for a competitive season, emphasizing skills needed for proficiency. Required of varsity track candidates. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>PE M29D</b>	<b>Advanced Track</b>	<b>1.00 to 1.50 Units</b>
<i>PREREQUISITE: PE M29C</i>		
Practices advanced skills and strategies of track and field for a competitive season. Required of all varsity track candidates. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>PE M30A</b>	<b>Beginning Volleyball</b>	<b>1.00 to 1.50 Units</b>
Introduces basic rules and techniques of power volleyball. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>PE M30C</b>	<b>Intermediate Volleyball</b>	<b>1.00 to 1.50 Units</b>
<i>PREREQUISITE: PE M30A or playing ability in volleyball</i>		
Provides practice of the fundamental skills and strategies of volleyball, allowing two and three-player games. Requires participation. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>PE M30D</b>	<b>Advanced Volleyball</b>	<b>1.00 to 1.50 Units</b>
<i>PREREQUISITE: PE M30C or equivalent playing experience</i>		
Continues skills development for the advanced player, allowing two and three-player volleyball. Requires participation. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>PE M35</b>	<b>T'ai Chi Ch'uan</b>	<b>1.00 to 1.50 Units</b>
An introduction to the history and philosophy of T'ai Chi Ch'uan and its relationship to exercise, health, self-awareness, relaxation, balance and harmony. The Yang Simplified Form of 24 movement patterns (known for improving body awareness, efficiency of daily activity and its relationship to self-defense techniques) will be taught. May be taken four (4) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>PE M36A</b>	<b>Analysis of Sexual Assault and Self-Defense</b>	<b>2.00 Units</b>
Reviews issues of personal assault and rape, reviewing readings and physical responses. Introduces self-defense techniques. May be taken a maximum of 4 times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>PE M38</b>	<b>Wrestling</b>	<b>1.00 to 1.50 Units</b>
Introduces the basic skills of wrestling, including takedowns, rides, escapes and falls. May be taken a maximum of 4 times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>PE M39</b>	<b>Nia Fusion Fitness</b>	<b>1.00 to 1.50 Units</b>
Nia is a whole-body conditioning practice that includes cardiovascular, strength, flexibility, and mind-body components. Combines concepts and movements from Jazz and Modern Dance, Tae Kwon Do, Tai Chi, Aikido, Yoga, and other movement forms, resulting in a creative and energizing workout. With a focus on non-impact movements, Nia is easy-to-learn, adaptable to all levels of ability, and performed to a variety of motivating music. Improves overall conditioning and enhances the mind-body connection. Applies to Associate Degree. Transfer Credit: CSU; UC.		
<b>PE M62</b>	<b>Golf – Women</b>	<b>3.00 Units</b>
Highly competitive. Requires advanced skills, travel, and competition against other institutions. Demands time beyond normal load. May be taken three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>PE M63B</b>	<b>Off Season Volleyball – Men</b>	<b>1.00 Unit</b>
<i>RECOMMENDED PREPARATION: Understanding of volleyball skills, rules and strategies and the ability to work with other students.</i>		
Highly competitive, requires advanced skills, for students who are interested in intercollegiate volleyball. May be taken four (4) times for credit. Applies to the Associate Degree. Transfer credit: CSU; UC.		
<b>PE M64A</b>	<b>Soccer – Men</b>	<b>3.00 Units</b>
<i>RECOMMENDED PREPARATION: Understanding of soccer skills, rules and strategies</i>		
Highly competitive. Requires advanced skills, travel, and competition against other institutions. Demands time beyond normal load. May be taken three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>PE M64B</b>	<b>Off Season Soccer – Men</b>	<b>1.00 Unit</b>
<i>RECOMMENDED PREPARATION: Understanding of soccer skills, rules and strategies and the ability to work with other students</i>		
Requires advanced skills, travel, and competition against other institutions. Demands time beyond normal load. May be taken three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>PE M65A</b>	<b>Soccer – Women</b>	<b>3.00 Units</b>
<i>RECOMMENDED PREPARATION: Understanding of soccer skills, rules and strategies</i>		
Highly competitive. Requires advanced skills, travel, and competition against other institutions. Demands time beyond normal load. May be taken three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.		

Some class offerings and room assignments may have changed since printing this schedule.

<b>PE M65B</b>	<b>Off Season Soccer – Women</b>	<b>1.00 Unit</b>
<i>RECOMMENDED PREPARATION: Understanding of soccer skills, rules and strategies and the ability to work with other students.</i>		
Highly competitive, requires advanced skills, for students who are interested in intercollegiate soccer. May be taken four (4) times for credit. Applies to the Associate Degree. Transfer credit: CSU; UC.		
<b>PE M67</b>	<b>Basketball – Men</b>	<b>3.00 Units</b>
<i>RECOMMENDED PREPARATION: Understanding of basketball skills, rules and strategies</i>		
Highly competitive. Requires advanced skills, travel, and competition against other institutions. Demands time beyond normal load. May be taken three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>PE M68</b>	<b>Basketball – Women</b>	<b>3.00 Units</b>
<i>RECOMMENDED PREPARATION: Understanding of basketball skills, rules and strategies</i>		
Highly competitive. Requires advanced skills, travel, and competition against other institutions. Demands time beyond normal load. May be taken three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>PE M69</b>	<b>Cross Country – Men</b>	<b>3.00 Units</b>
<i>RECOMMENDED PREPARATION: Understanding of cross country skills, rules and strategies</i>		
Highly competitive. Requires advanced skills, travel, and competition against other institutions. Demands time beyond normal load. May be taken three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>PE M70</b>	<b>Cross Country – Women</b>	<b>3.00 Units</b>
<i>RECOMMENDED PREPARATION: Understanding of cross country skills, rules and strategies</i>		
Highly competitive. Requires advanced skills, travel, and competition against other institutions. Demands time beyond normal load. May be taken three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>PE M71</b>	<b>Football</b>	<b>3.00 Units</b>
<i>RECOMMENDED PREPARATION: Understanding of football skills, rules and strategies</i>		
Highly competitive. Requires advanced skills, travel, and competition against other institutions. Demands time beyond normal load. May be taken three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>PE M78</b>	<b>Volleyball – Women</b>	<b>3.00 Units</b>
<i>RECOMMENDED PREPARATION: Understanding of volleyball skills, rules and strategies</i>		
Highly competitive. Requires advanced skills, travel, and competition against other institutions. Demands time beyond normal load. May be taken three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>PE M79</b>	<b>Wrestling – Men</b>	<b>3.00 Units</b>
<i>RECOMMENDED PREPARATION: Understanding of wrestling skills, rules and strategies</i>		
Highly competitive. Requires advanced skills, travel, and competition against other institutions. Demands time beyond normal load. May be taken three (3) times for credit. Applies to Associate Degree. Transfer credit: CSU; UC.		
<b>PE M91</b>	<b>Foundations of Fitness</b>	<b>3.00 Units</b>
Provides a foundation for fitness enthusiasts and those interested in pursuing a career as a fitness professional. Emphasizes muscular, cardio respiratory, and other physiological processes essential to understanding the effects and benefits of exercise. Includes basic muscle and bone anatomy in relationship to the study of movement, with the purpose of understanding safe and effective exercise program design. Provides preparation for national certification exams in personal training or group fitness. Applies to Associate Degree. Transfer credit: CSU. (No credit if taken after SU09) (Any or all of these PE activity courses combined: maximum credit, 4 units.)		
<b>PE M95</b>	<b>Personal Training Principles</b>	<b>3.00 Units</b>
<i>RECOMMENDED PREPARATION: PE M91</i>		
Introduces leadership skills and the fundamentals of personal training to successfully prepare students for a national personal training certification. Offers knowledge and practical experience in exercise and fitness testing, injury prevention, client assessment and counseling techniques. Examines fitness components and exercise science with an emphasis on conditioning and fitness program design. Applies to Associate Degree. Transfer credit: CSU.		
<b>PE M96</b>	<b>Teaching Group Fitness</b>	<b>3.00 Units</b>
<i>RECOMMENDED PREPARATION: PE M91</i>		
Introduces the concepts and practice of teaching group fitness. Emphasizes teaching principles, techniques, and safety practices for a wide range of contemporary group fitness modalities. Attention will be placed on the learning process and learning strategies for the teaching of motor skills. Provides preparation for group fitness certification, and practical experience in group fitness leadership. Applies to Associate Degree. Transfer credit: CSU.		

## PHYSICAL SCIENCE

<b>PHSC M01</b>	<b>Principles of Physical Science</b>	<b>3.00 Units</b>
<i>PREREQUISITE: Math M03 or equivalent</i>		
Introduces facts, principles and laws from physics, chemistry and astronomy. Includes motion, force, energy, wave motion, electricity and magnetism, light, atomic and nuclear structure, chemical bonding and chemical reactions, solutions, organic chemistry, the solar system and planet Earth. Applies to Associate Degree. Transfer credit: CSU; UC (no credit if taken after a college course in Astronomy, Chemistry, Geology or Physics)		
<b>PHSC M01L</b>	<b>Principles of Physical Science Lab</b>	<b>1.00 Unit</b>
<i>PREREQUISITE: Prior or concurrent enrollment in PHSC M01</i>		
Provides hands-on experience with fundamental concepts from physics and chemistry. Applies to Associate Degree. Transfer credit: CSU; UC.		

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# PHYSICS

**PHYS M10A General Physics I** \_\_\_\_\_ **3.00 Units**

*PREREQUISITE: MATH M04A or MATH M06 or M07 or equivalent college course or equivalent skills which may be measured by the college assessment process*

Introduces mechanics of solids and fluids, heat, and wave motion. Designed for students who need a trigonometry based physics course. Applies to Associate Degree. Transfer credit: CSU; UC.

**PHYS M10AL General Physics I Laboratory** \_\_\_\_\_ **1.00 Units**

*PREREQUISITE: MATH M06 OR MATH M07*

The laboratory experiments examine some of the basic phenomena in mechanics, thermodynamics, and wave motion. The use of common, modern laboratory instruments is learned and practiced during the experiments. The principles of data taking, data reduction, synthesis, and analysis, as well as the writing of scientific reports are part of the course. Applies to Associate Degree. Transfer credit: CSU; UC.

**PHYS M20A Mechanics of Solids and Fluids** \_\_\_\_\_ **4.00 Units**

*PREREQUISITE: M25A*

*RECOMMENDED PREPARATION: PHYS M10A or high school physics and MATH M25B, or taken concurrently*

Introduces the basic principles of the mechanics of solids and fluids. Calculus is used to develop the subject matter. The main topics are kinematics, Newtonian mechanics including rotational dynamics, work, energy, and fluid statics and dynamics. Applies to Associate Degree. Transfer credit: CSU; UC.

**PHYS M20AL Mechanics of Solids and Fluids Laboratory** \_\_\_\_\_ **1.00 Unit**

*PREREQUISITE: MATH M25A*

*RECOMMENDED PREPARATION: PHYS M20A, or taken concurrently*

The experiments examine the basic laws of the mechanics of solids and fluids. The use of common measuring instruments and the principles of data taking and analysis, and the writing of scientific reports are learned. Applies to Associate Degree. Transfer credit: CSU; UC.

**PHYS M20B Thermodynamic, Electricity and Magnetism** \_\_\_\_\_ **4.00 Units**

*PREREQUISITES: PHYS M20A & MATH M25B*

*RECOMMENDED PREPARATION: MATH M25C should be completed or be taken concurrently*

Introduces the basic principles of thermodynamics, and electromagnetism. Calculus is used to develop the subject matter. The main topics are temperature, heat, the laws of thermodynamics, electrostatics, capacitance, DC circuits, magnetic forces and fields, electromagnetic induction, AC circuits, Maxwell's equations, and electromagnetic waves. Applies to Associate Degree. Transfer credit: CSU; UC.

**PHYS M20BL Thermodynamics, Electricity and Magnetism Laboratory** \_\_\_\_\_ **1.00 Unit**

*PREREQUISITES: PHYS M20A/PHYS M20AL & MATH M25B*

*RECOMMENDED PREPARATION: PHYS M20B should be completed, or taken concurrently*

The laboratory experiments examine some of the basic phenomena in thermodynamics and electromagnetism. The use of common, modern instruments, e.g. digital and analog voltmeters, ammeters, the oscilloscope, is learned and practiced during the experiments. The principles of data taking, data reduction, synthesis, and analysis, as well as the writing of scientific reports are part of the course. Applies to Associate Degree. Transfer credit: CSU; UC.

**PHYS M20C Wave Motion, Optics and Modern Physics** \_\_\_\_\_ **4.00 Units**

*PREREQUISITES: PHYS M20B AND MATH M25C*

Introduces the basic principles of wave motion, optics and modern physics. Calculus is used to develop the subject matter. The main topics covered include: classical wave theory, wave-particle duality, reflection, refraction, interference, diffraction, optical elements and systems, applications of Schrodinger's equation, atomic structure, molecular structure, the quantum nature of solids, consequences of special and general relativity, nuclear physics, particle physics, and cosmology. Applies to Associate Degree. Transfer credit: CSU; UC.

**PHYS M20CL Wave Motion, Optics and Modern Physics Laboratory** \_\_\_\_\_ **1.00 Unit**

*PREREQUISITES: PHYS M20B, PHYS M20BL, AND MATH M25C*

*RECOMMENDED PREPARATION: PHYS M20C should be completed, or taken concurrently.*

The laboratory experiments examine some of the basic phenomena in wave motion, optics, and modern physics. The use of common, modern instruments, e.g. digital and analog voltmeters, ammeters, digital storage oscilloscopes, frequency counters, lasers, spectrometers, optical energy and poser meters, is learned and practiced during the experiments. The principles of data taking, data reduction, synthesis, and analysis, as well as the writing of scientific reports are part of the course. Applies to Associate Degree. Transfer credit: CSU; UC.

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# PHYSIOLOGY

**PHSO M01 Human Physiology** \_\_\_\_\_ **5.00 Units**

*PREREQUISITE: CHEM M12 or equivalent or high school chemistry and BIOL M01 or BIOL M02A or equivalent*

A study of the functioning of human anatomical systems. Students will learn basic biochemical and biophysical principles inherent to the functioning of the various organ systems and integrate this knowledge into an understanding of the functioning of the organism as a whole. Laboratory computer simulations and experiments will demonstrate basic principles and introduce physiological techniques and instruments. The emphasis in both lecture and lab is on student understanding of systems integration and co-dependence. Applies to Associate Degree. Transfer credit: CSU; UC (PHSO M01 combined with ANPH M01: maximum credit, one course).

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# POLITICAL SCIENCE

**POLS M01 Introduction to Politics** \_\_\_\_\_ **3.00 Units**

Introduces basic political concepts within political science with an emphasis on American government. Applies to Associate Degree. Transfer Credit: CSU; UC.

**POLS M02 Comparative Politics** \_\_\_\_\_ **3.00 Units**

Examines the political institutions, interests, identities, and public policy of various governments. Case studies will include examples taken from Europe, Asia, and the Middle East.. Applies to Associate Degree. Transfer credit: CSU; UC.

*Some class offerings and room assignments may have changed since printing this schedule.*

*Please see the web for the most up to date class schedule at: <http://students.vccd.edu/scheds.htm>.*

**POLS M03 American Government and Politics 3.00 Units**

*NOTE: Students cannot complete both POLS M03 and POLS M03H (Honors) courses because credit will only be awarded to the first course completed.*

Introduces principles and problems of American government and its political process, emphasizing national government. Applies to Associate Degree. Transfer credit: CSU; UC.

**POLS M04 International Relations 3.00 Units**

Examines the organization and operation of the international political system with an emphasis on the relationships between theory, important nation states, and the major issues that are presently threatening the peace and prosperity of millions of people worldwide. Applies to Associate Degree. Transfer credit: CSU; UC.

**POLS M05 National, State and Local Politics 3.00 Units**

Examines the purpose and evolution of federalism from the founding to modern times. Introduces study of sub national units including the three branches of state government and the structure of local governments. Compares and contrasts the structure of the national government to state and local structures. Considers the challenges and problems that cities face in a federal system. Examines elections at all levels of government in order to determine how electoral systems promote diversity, representation and participation. (Formerly URBN M01A) Applies to Associate Degree. Transfer credit: CSU; UC. (under review)

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## PSYCHOLOGY

**PSY M01 Introduction to Psychology 3.00 Units**

*OTHER: Students cannot complete both PSY M01 and PSY M01H (Honors) courses because credit will only be awarded to the first course completed.*

Introduces a broad range of concepts and perspectives of human behavior, including history of psychology, research methodology, biological bases of behavior, principles of learning, memory, cognition and intelligence, personality, stress and health, behavior disorders and treatments, human sexuality, life span development, and social psychology. Applies to Associate Degree. Transfer Credit: CSU; UC.

**PSY M01H Honors: Introduction to Psychology 3.00 Units**

*OTHER: Students cannot complete both PSY M01 and PSY M01H (Honors) courses because credit will only be awarded to the first course completed.*

Provides honors work in a broad range of concepts and perspectives of human behavior, including history of psychology, research methodology, biological bases of behavior, principles of learning, memory, cognition and intelligence, personality, stress and health, behavior disorders and treatments, human sexuality, life span development, and social psychology. Applies to Associate Degree Transfer credit: CSU; UC.

**PSY M02 Introduction to Behavior Neuroscience 3.00 Units**

**PREREQUISITE:** PSY M01 or PSY M01H

*OTHER: Provider approved by the California Board of Registered Nursing. Provider number CEP 28111 for 45 contact hours. Students cannot complete both PSY M02 and PSY M02H (Honors) courses because credit will only be awarded to the first course completed.*

Introduces basic principles in: the principles of inheritance - cell division, human genetics, DNA structure and function and protein synthesis; and neuropsychological bases for brain-behavior concepts involving structure and function of the neuropsychological bases for brain-behavior concepts involving structure and function of the nervous system, neural conduction and synaptic transmission, psychopharmacology, brain lateralization, neuroplasticity, sensation and perception, internal body states, sexual behavior, emotional behavior, sleep and biological rhythms, biology of learning and memory, and psychopathological disorders. Applies to Associate Degree. Transfer credit: CSU, UC.

**PSY M02H Honors: Behavioral Neuroscience 3.00 Units**

**PREREQUISITE:** PSY M01 or PSY M01H

*OTHER: Students cannot complete both PSY M02 and PSY M02H (Honors) courses because credit will only be awarded to the first course completed.*

Investigates honors work in: principles of inheritance - cell division, human genetics, DNA structure, function and protein synthesis; and neuropsychological bases for brain-behavior concepts involving structure and function of the nervous system, neural conduction and synaptic transmission, psychopharmacology, brain lateralization, neuroplasticity, sensation and perception, internal body states, sexual behavior, emotional behavior, sleep and biological rhythms, biology of learning and memory, and psychopathological disorders. honors work challenges students to be more analytical and creative through expanded assignments, real-world applications and enriched opportunities. Applies to Associate Degree. Transfer Credit: CSU; UC (under review)

**PSY M03 Psychology of Interpersonal Relations 3.00 Units**

*OTHER: Provider approved by the California Board of Registered Nursing, provider number CEP2811 for 45 contact hours.*

Introduces psychological principles involved in human relationships. Combines experiential and theoretical approaches to increase awareness, understanding, decision-making, and effective interpersonal relationships. Transfer credit: CSU.

**PSY M04 Child Psychology 3.00 Units**

*OTHER: Provider approved by the California Board of Registered Nursing, provider number CEP2811 for 45 contact hours.*

Focuses on the basic principles of developmental psychology from conception through adolescence. For each stage of development, students will learn about the biological, physical, cognitive, emotional, social, and linguistic aspects of development. Included are the influences of culture, family, society, and the environment. Applies to Associate Degree. transfer credit: CSU; UC.

**PSY M05 Social Psychology 3.00 Units**

*OTHER: Provider approved by the California Board of Registered Nursing, provider number CEP2811 for 45 contact hours.*

Introduces social relationships, emphasizing interpersonal attraction; person perception; long-term relationships; pro-social behavior; attitude formation and changes; and the nature of prejudice, aggression, and conformity. Applies to Associate Degree. Transfer credit: CSU; UC.

**PSY M06 Introduction to Behavioral Research Methods 3.00 Units**

**PREREQUISITE:** PSY M01 or PSY M01H

Introduces basic research concepts and principles of behavioral science; descriptive and experimental research approaches; problem identification, hypothesis formation and testing; experimental variables and controls; validity and reliability; experimental, quasi-experimental, and single participant research designs; and research ethics. Requires research study and manuscript using APA guidelines and format. Applies to Associate Degree. Transfer Credit: CSU; UC.

**PSY M07 Developmental Psychology (Life Span) 3.00 Units**

Introduces physical, emotional, cognitive, social, and cultural aspects of development from conception to death. Emphasizes normative behaviors and developmental stages over the life span. Reviews developmental theories and contemporary issues. Applies to Associate Degree. Transfer credit: CSU; UC.

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**PSY M08 Abnormal Psychology 3.00 Units**

*OTHER: Provider approved by the California Board of Registered Nursing, provider number CEP2811 for 45 contact hours.*

Surveys the field of abnormal behavior by reviewing the patterns, causes, and history of maladaptive behavior; clinical assessment using the current Diagnostic and Statistical Manual; therapies; and prevention of behavioral disorders. Applies to Associate Degree. Transfer credit: CSU; UC.

**PSY M10 Dying and Death 3.00 Units**

*OTHER: Provider approved by the California Board of Registered Nursing, provider number CEP2811 for 45 contact hours.*

Explores issues and decisions concerned with dying and death over the life span, including historical and cross-cultural perspectives, death socialization, medical ethics and the health-care system, legal issues, and after-life concerns. Applies to Associate Degree. Transfer Credit: CSU; UC.

**PSY M12 Animal Behavior 3.00 Units**

Introduction to the study of animal behavior with an emphasis on learning theory, especially classical and operant conditioning. Designed to provide the student with an understanding of how to apply the concepts of ethology and behavior modification to the maintenance and training of animals in captivity. (Same course as ANSC M04) Applies to Associate Degree. Transfer credit: CSU.

**PSY M12L Animal Behavior Lab .5 Unit**

*CO-REQUISITE: PSY M12 or ANSC M04*

This course consists of laboratory activities giving the student opportunities to develop skills in behavior modification and observational research. Each student will be required to train a rat and conduct an observational research project on captive animals. Applies to Associate Degree. Transfer credit: CSU.

**PSY M13 Human Sexuality 3.00 Units**

*OTHER: Provider approved by the California Board of Registered Nursing, provider number CEP2811 for 45 contact hours.*

Explores psychological, biological, and sociological aspects of human sexual behavior, including sexual values, roles and lifestyles. Includes contraception, pregnancy, sexually transmitted diseases, sexual dysfunctions and treatments. Presents course content in an explicit, open, scientific and thoughtful manner. Provider approved by the California Board of Registered Nursing. Provider number CEP 2811 for 45 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC.

**PSY M20 Intimacy, Relationships and Commitment 3.00 Units**

Explores theoretical, historical, cross-cultural, interdisciplinary, and personal perspectives of committed relationships, reviewing various perspectives on marriage and the family. Considers sex roles, socialization, sexuality, the single life, marriage, parenting, dual-career families, and conflicts in relationships, separation, divorce, remarriage, and alternative choices. Same course as SOC M04. Applies to Associate Degree. Transfer Credit: CSU, UC.

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## RADIO/TELEVISION

**RT M01 Media and Society**

This course surveys the history and nature of print and electronic media in America. It will examine the social, political, and cultural implications of media. (Co-numbered JOURN1) Applies to Associate Degree.. Transfer credit: CSU; UC.

**RT M04 Digital Editing 2.00 Units**

Introduces theory and application of editing techniques using digital non-linear editing systems. Critical analysis of the editing process, editing complex scenes and creating visual effects. Introduction to editing system troubleshooting. Applies to Associate Degree. Transfer Credit: CSU.

**RT M08 Voice and Diction 3.00 Units**

Introduces theory and practice of voice control, emphasizing correct pronunciation, breathing control techniques, and regional and foreign dialects. Especially useful for those in theatre, forensics and broadcasting. May be taken two (2) times for credit. (Same course as THA M03 and COMM M03) Transfer credit: CSU; UC.

**RT M09 Acting For Film And Television 3.00 Units**

Introduces techniques pertinent to film and television acting, including blocking, movement, rapid line learning, and use of microphones. Includes performance in student-directed films and television shows. May be taken four (4) times for credit. (Same course as THA M09) Applies to Associate Degree. Transfer credit: CSU; UC.

**RT M12 Broadcast Journalism 3.00 Units**

*RECOMMENDED PREPARATION: JOUR M02 and to be taken in conjunction with JOUR M13*

Provides practice and application in developing and preparing content for radio, television and online. Develops interviewing and other newsgathering skills, as well as content synthesis with concern for accuracy, balance, fairness and journalistic ethics. Includes writing and editing original copy as well as practice rewriting wire service copy for on-air and online use. (Same course as JOUR M12) Applies to Associate Degree. Transfer Credit: CSU.

**RT M13 Broadcast News Production 3.00 Units**

*RECOMMENDED PREP: RT M02A OR M02B or concurrent enrollment in RT M12*

Training in producing news for television and multimedia applications with an emphasis on the use of digital newsgathering equipment, producing newscasts and on-air presentation of completed stories. Provides operational skills and techniques through practical hands-on experiences in: studio directing, location shooting, and editing. Students will form a crew and create news productions to air on the Moorpark College website. (Same course as JOUR M13) Applies to Associate Degree. Transfer Credit: CSU.

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## RADIOLOGIC TECHNOLOGY

**RADT M01A Radiographic Practice I 3.00 Units**

*PREREQUISITE: RADT M10/M10L and RADT M10B*

*CO-REQUISITE: RADT M01AL, RADT M11*

Focuses on routine and trauma radiographic anatomy, positioning and procedures of the upper and lower extremities, shoulder girdle, bony thorax, pelvic girdle and spinal column. The course also includes pathologic indications that radiographers should be familiar with for each of the above anatomical areas. May be taken two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU.

*Some class offerings and room assignments may have changed since printing this schedule.*

*Please see the web for the most up to date class schedule at: <http://students.vcccd.edu/scheds.htm>.*

**RADT M01AL Radiographic Clinical Lab I 2.50 Units****PREREQUISITE:** RADT M10/M10L and RADT M10B**CO-REQUISITE:** RADT M01A, and RADT M01B & M01BL

Introductory clinical laboratory that will provide an opportunity for practical application from RADT M10 and RADT M01A theory and skills lab content. This lab will take place in the radiology department of a pre-assigned clinical affiliate. May be taken two (2) times for credit. Applies to Associate Degree. Transfer credit: CSU.

**RADT M01B Radiographic Technique I 4.00 Units****PREREQUISITES:** RADT M10/M10L**CO-REQUISITES:** RADT M10A/M10AL, RADT M10BL

Covers production of radiation and interactions with matter as well as function and manipulation of radiographic equipment for conventional and digital radiographic systems. Image quality and the technical factors needed for optimum image quality in conventional and digital systems as well as quality assurance and quality control are also covered. Applies to Associate Degree. Transfer credit: CSU. May be taken for a maximum of 2 times.

**RADT M01BL Radiographic Technique Lab 1 1.00 Unit****PREREQUISITES:** RADT M10A/M10AL and RADT M10B**CO-REQUISITES:** RADT M01A/M01AL, RADT M01B and RADT M11.

Provides basic knowledge in factors that govern and influence the production and recording of radiographic images. Class demonstrations and experiments are used to demonstrate application of theory learned in RADT M01B. Students perform basic QC experiments. Applies to Associate Degree. Transfer Credit: CSU.

**RADT M03 Advanced Radiographic Technique 4.00 Units****PREREQUISITES:** RADT M01A, RADT M01AL, RADT M01B, RADT M01BL & RADT M12**CO-REQUISITES:** RADT M02A, RADT M02AL, RADT M02BL & RADT M12

Introduces the advanced radiography student to advanced imaging specializations in the radiation sciences. Includes computed tomography, and cross sectional anatomy as viewed under this and other modalities. (Formerly RADT M04A) Applies to Associate Degree. Transfer Credit: CSU.

**RADT M03B Radiographic Pathology 2.00 Units****PREREQUISITES:** RADT M02A/M02AL, and RADT M12**CO-REQUISITES:** RADT M03A/M03AL

Introduces the advanced radiography student to various types of disease processes seen radiographically. It covers the following systems: respiratory, digestive, genito-urinary, osseous, hepatobiliary, and nervous. May be taken two (2) times for credit. (Formerly RADT M04A) Applies to Associate Degree. Transfer credit: CSU.

**RADT M03L Radiographic Clinical Lab III 10.50 Units****PREREQUISITES:** RADT M02A/M02AL, RADT M02B, RADT M49.**CO-REQUISITES:** RADT M03A, M03B

Intermediate clinical laboratory that will provide an opportunity for practical application from RADT M01A and RADT M02A theory and skills lab content. This lab will take place in an x-ray department of a pre-assigned clinical affiliate. (Formerly RADT M03AL) This course can be taken a total of two (2) times. Applies to Associate Degree. Transfer Credit: CSU.

**RADT M10A Introduction to Radiologic Technology 2.00 Units****PREREQUISITE:** Admission to the Moorpark College Radiography Program

Provides the new radiography student with entry-level information to begin clinical practice to a diverse client population in a radiology department. Will emphasize radiation protection, equipment manipulation and safety, darkroom processing, sterile technique, anatomy and positioning for chest and abdomen procedures and career options in Radiology. It also includes anatomy and positioning for chest and abdomen procedures. Applies to Associate Degree. Transfer credit: CSU.

**RADT M10AL Introduction to Radiologic Technology Lab 2.5 Units**

Permits the new radiography student to participate in a simulated radiography department setting in the on campus Radiography skills lab. Participation will include darkroom procedures, equipment manipulation, radiation protection procedure, basic radiographic positions and projections positions and chest and abdomen anatomy and procedures. May be taken a total of two (2) times. Applies to Associate Degree. Transfer credit: CSU.

**RADT M10B Introduction Radiographic Technique 2.00 Units**

Provides a basic knowledge for radiographic equipment and design. It will cover different types of radiographic equipment, x-ray circuits and generators. Also covers basic atomic structure, electromagnetic spectrum and properties of x-rays. Applies to Associate Degree. Transfer Credit: CSU.

**RADT M11 Radiographic Lab I 1.00 Unit****PREREQUISITES:** RADT M10A/M10AL and RADT M10B**COREQUISITES:** RADT M01A/M01AL, RADT M01B/M01BL

Provides an opportunity for practical applications of theory content from RADT M01A through simulated clinical experiences in a radiography skills lab. Each student will practice positioning with a "mock patient" and make actual radiographs of an x-ray phantom using conventional and digital equipment. May be taken a maximum of 2 times. Applies to Associate Degree. Transfer credit: CSU.

**RADT M49 Radiography Summer Practicum 7.50 Units****PREREQUISITE:** RADT M02A/M02AL**MATERIALS FEE:** \$46.00

Clinical experience in a pre-assigned clinical affiliate. Focuses on the improvement of clinical skills of all previously learned Radiological procedures in Level I courses. May be taken a total of two (2) times. Applies to Associate Degree. Transfer Credit: CSU.

**SIGN LANGUAGE****SL M01 Beginning American Sign Language I 3.00 Units****OTHER:** Provider approved by the California Board of Registered Nursing, provider number CEP2811 for 45 contact hours.

Introductory course in the fundamentals of American Sign Language. Offers an introduction to the basic vocabulary and finger spelling systems necessary to facilitate communication in ASL and will focus on developing expressive and receptive signing skills. The technical aspect of Kinesthetic Linguistics includes an emphasis on syntactical structure and various linguistic components such as: grammatical features, semantics, lexical countenance and the psychosocial nuances of Deaf Culture. Applies to Associate Degree. Transfer credit: CSU; UC.

**SL M02** **Beginning American Sign Lang II** \_\_\_\_\_ **3.00 Units**

*PREREQUISITE: SL M01 or equivalent*

*OTHER: Provider approved by the California Board of Registered Nursing, provider number CEP2811 for 45 contact hours*

Introduces fundamentals of American Sign Language, including basic vocabulary and finger spelling. Emphasizes grammatical structure and comprehension. Explores deaf culture. Applies to Associate Degree. Transfer credit: CSU; UC.

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## SOCIOLOGY

**SOC M01** **Introduction to Sociology** \_\_\_\_\_ **3.00 Units**

*OTHER: Students cannot complete both SOC M01 and SOC M01H (Honors) courses because credit will only be awarded to the first course completed.*

Analyzes major theoretical constructs involving human interactions, cultural origins, community organizations, collective behavior, social change, institutional growth, and social movements. Applies to Associate Degree. Transfer credit: CSU; UC.

**SOC M01H** **Honors: Introduction to Sociology** \_\_\_\_\_ **3.00 Units**

*OTHER: Students cannot complete both SOC M01 and SOC M01H (Honors) courses because credit will only be awarded to the first course completed.*

Honors work in sociology analyzes major theoretical constructs involving human interactions, cultural origins, community organizations, collective behavior, social change, institutional growth, and social movements. Honors work challenges students to be more analytical and creative through expanded assignments, real-world applications and enrichment opportunities. Applies to Associate Degree. Transfer credit: CSU; UC.

**SOC M02** **Social Problems** \_\_\_\_\_ **3.00 Units**

*OTHER: Provider approved by the California Board of Registered Nursing, provider number CEP2811 for 45 contact hours*

Analyzes causes and consequences of social problems confronting contemporary U.S. society, including inter-group conflict, sexism, racism, ageism, sexual deviance, poverty, crime, delinquency, substance abuse, cults (religious, political, psychological), terrorism, health and environmental degradation by examining the methodology, skills, and resources applied to solving social problems. Applies to Associate Degree. Transfer credit: CSU; UC.

**SOC M03** **Sociological Analysis** \_\_\_\_\_ **3.00 Units**

*PREREQUISITE: SOC M01*

Examines basic concepts supporting the scientific analysis of society and social institutions. Studies conceptualization, operationalization, hypothesis construction, sampling and sampling designs. Requires collection and analysis of field data. Applies to Associate Degree. Transfer credit: CSU; UC.

**SOC M04** **Intimacy, Relationships and Commitment** \_\_\_\_\_ **3.00 Units**

*OTHER: Provider approved by the California Board of Registered Nursing, provider number CEP2811 for 45 contact hours*

Explores theoretical, historical, cross-cultural, interdisciplinary, and personal perspectives of committed relationships, reviewing various perspectives on marriage and the family. Considers sex roles, socialization, sexuality, the single life, marriage, parenting, dual-career families, and conflicts in relationships, separation, divorce, remarriage, and alternative choices. Applies to Associate Degree. Transfer credit: CSU; UC.

**SOC M05** **Social Psychology** \_\_\_\_\_ **3.00 Units**

*OTHER: Provider approved by the California Board of Registered Nursing, provider number CEP2811 for 45 contact hours*

Introduces social relationships, emphasizing interpersonal attraction; person perception; long-term relationships; prosocial behavior; attitude formation and changes; and the nature of prejudice, aggression, and conformity. Applies to Associate Degree. Transfer credit: CSU; UC.

**SOC M08** **Ethnic Relations** \_\_\_\_\_ **3.00 Units**

*OTHER: Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 45 contact hours.*

Examines discrimination and inequality within our society's society that values equality, freedom, and justice. Explores the diversity in American society, the nature of relationships between racial and ethnic groups, the experiences within each group, and reviews how racial and ethnic experiences vary. Applies to Associate Degree. Transfer credit: CSU; UC.

**SOC M10** **Kaleidoscope of Gender** \_\_\_\_\_ **3.00 Units**

Investigates the diversity of men's and women's experiences in American society. Emphasizes the social and historical factors that shape relations between men and women. Explores feminine and masculine scholarship, American society's treatment of women compared to men, and examines the position of women and men in the family and in the community. Applies to Associate Degree. Transfer Credit: CSU; UC.

**SOC M12** **Sociology of Religion in American** \_\_\_\_\_ **3.00 Units**

Investigates the effects of religion on culture, and culture on religion, with a primary focus on American society and a secondary focus on international events. Explores the beliefs that are the foundation of culture and society, and provides an introductory level analysis of the three major religions which have effected national and international events in America. Applies to Associate Degree. Transfer Credit: CSU; UC. (under review)

**SOC M15** **Introduction to Criminology** \_\_\_\_\_ **3.00 units**

Introduces the factors, concepts and theories, and characteristics associated with criminal behavior, crime, and victimology. Applies to Associate Degree. Transfer credit: CSU; UC.

**SOC M60B** **Organized Crime and Terrorism** \_\_\_\_\_ **3.00 Units**

*RECOMMENDED PREPARATION: SOC M15*

Analyzes the cultural and historical bases of organized crime and terrorism. Discussed are the social and theoretical background of the phenomena, the roles of culture and religion, and examples of organized criminal and terrorist activities. The social, legal, military, and criminal justice options in dealing with organized crime and terrorism are reviewed. Transfer credit: CSU; UC.

*Some class offerings and room assignments may have changed since printing this schedule.*

**144** *Please see the web for the most up to date class schedule at: <http://students.vccd.edu/scheds.htm>.*

# SPANISH

## **SPAN M01 Elementary Spanish I 5.00 Units**

*OTHER: Provider approved by the California Board of Registered Nursing, provider number CEP2811 for 60 contact hours*

Introduces Spanish language, culture, history and people, emphasizing speaking, listening, reading and writing skills. Requires individualized work in the lab each week. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 75 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC (SPAN M01 or SPAN M01A/B combined: maximum credit, 5.00 Units)

## **SPAN M02 Elementary Spanish II 5.00 Units**

*PREREQUISITE: SPAN M01 or two years of high school Spanish with grades of C or better.*

*OTHER: Provider approved by the California Board of Registered Nursing, provider number CEP2811 for 60 contact hours.*

Further explores Spanish language and culture, emphasizing people and history as well as speaking, reading and writing proficiency. Requires individualized work in the lab each week. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 75 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC.

## **SPAN M03 Intermediate Spanish I 5.00 Units**

*PREREQUISITE: SPAN M02 or three years of high school Spanish with grades of C or better*

*OTHER: Provider approved by the California Board of Registered Nursing, provider number CEP2811 for 60 contact hours. Students cannot complete both SPAN M03 and SPAN M03H (Honors) courses because credit will only be awarded to the first course completed.*

Offers intensive review of basic grammar, including extension and refinement of fundamentals and increased proficiency in reading, writing, and speaking skills. Focuses on culture through study of selected literature and contemporary society. Requires individualized work in the lab each week. Provider approved by the California Board of Registered Nursing. Provider number CEP2811 for 75 contact hours. Applies to Associate Degree. Transfer credit: CSU; UC.

# THEATRE ARTS

## **THA M01 Introduction to Theatre 3.00 Units**

Introduces theatre as an art form, emphasizing appreciation of its historical roots and its dramatic and cultural significance. Develops critical thinking and writing skills pertinent to the analysis of dramatic performances. Applies to Associate Degree. Transfer credit: CSU; UC.

## **THA M02A Beginning Acting 3.50 Units**

Introduces the art of acting, emphasizing exercises that develop individual insight, technique and concentration. Focuses on improvisation; includes scene work. Applies to Associate Degree. Transfer credit: CSU; UC.

## **THA M02B Intermediate Acting 3.50 Units**

*PREREQUISITE: THA M02A or equivalent*

Emphasizes skills development in characterization through exercises in pantomime and improvisation. Includes classical material, performance of scenes in various styles and genres, and work with vocal projection and stage movement. Applies to Associate Degree. Transfer credit: CSU; UC.

## **THA M03 Voice and Diction 3.00 Units**

Introduces theory and practice of voice control, emphasizing correct pronunciation, breathing control techniques, and regional and foreign dialects. Especially useful for those in theatre, forensics and broadcasting. May be taken two (2) times for credit. (Same course as RT M08 and COMM M03) Applies to Associate Degree. Transfer credit: CSU; UC.

## **THA M04 History of the Theatre 3.00 Units**

Traces the development of the Theatre from its earliest inception to the present. Course will focus on the major works and playwrights in historical theatrical movements from classical Greek and Roman theatre through the twentieth century. Coursework will also examine the social context of specific dramatic movements and the influences of theatre on society. Applies to Associate Degree. Transfer Credit: CSU; UC.

## **THA M09 Acting for Film and Television 3.00 Units**

Introduces techniques pertinent to film and television acting, including blocking, movement, rapid line learning, and use of microphones. Includes performance in student-directed films and television shows. May be taken four (4) times for credit. (Same course as RT M09) Applies to Associate Degree. Transfer credit: CSU; UC.

## **THA M10 Theatre Production: Acting 3.00 Units**

Rehearsing and performing an acting role for a college production staged for public performance. Admission to the class is by audition. (May be taken 4 times for credit.) Applies to Associate Degree. Transfer credit: CSU; UC.

## **THA M11 Theatre Production: Technical 3.00 Units**

*RECOMMENDED PREPARATION: THA M20 and other technical theatre training and experience.*

A range of supervised technical theatre assignments in support of a college production staged for public performance. (May be taken 4 times for credit.) Applies to Associate Degree. Transfer credit: CSU; UC.

## **THA M14 Improvisational Comedy 1.50 Units**

*RECOMMENDED PREPARATION: THA M02B*

Provides instruction in improvisational and ensemble acting skills as well as the development of solo and group comedic material from improvisation. The course will culminate with a public performance of the material developed in class. Requires field trips. May be taken four (4) times for credit. Applies to Associate Degree. Does not transfer.

## **THA M15A Beginning Stage Direction 3.00 Units**

*PREREQUISITE: THA M01 or THA M02A or THA M20*

Introduces art and craft of stage direction, including historical review. Includes practical experience directing scenes by major playwrights. Often coordinates activities with THA M02B/C/D. Applies to Associate Degree. Transfer Credit: CSU; UC.

## **THA M15B Intermediate Stage Direction 3.00 Units**

*PREREQUISITE: THA M15A*

Continues the study of the art and craft of stage direction, including practical experience through directing one act plays, comedy sketches and/or monologues for a live audience. Applies to Associate Degree. Transfer credit: CSU; UC.

## **THA M20 Stagecrafts 3.00 Units**

Further studies of characterization, emphasizing timing, vocal styles, movement and sense memory. Emphasizes scene study, including performance of classical material, and a variety of scenes from plays of contrasting styles and genres. Applies to Associate Degree. Transfer Credit: CSU; UC.

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**THA M21A Playwriting I 3.00 Units**  
Assists the student in developing writing skills for the theatre with possible opportunities for production. Applies to Associate Degree. Transfer Credit: CSU; UC.

**THA M21B Advanced Playwriting 3.00 Units**  
*PREREQUISITE: THA M21A*

*RECOMMENDED PREPARATION: THA M02A, THA M15A, ENGL M01A*

Instructs students in the advanced components of constructing a play. Focus will be on advanced character creation, in depth exploration of theme, structuring plot and writing complex dialogue through the creation of dramatic monologues, scenes and a full-length play. Students will also explore and create dramatic material as it pertains to style and period. Applies to Associate Degree. Transfer Credit: CSU; UC.

**THA M23A Lighting Design I 3.00 Units**

Introduces the study of composition, control and instrumentation in theatrical lighting as well as the aesthetics of color, distribution, intensity and movement of light to create mood, time, location, and visibility. Emphasizes hanging, focusing and identifying stage lighting equipment as well as understanding the principles that underlie their design. Includes the basics of electricity. Provides hands-on experience through work on actual productions. Requires field trips. Applies to Associate Degree. Transfer credit: CSU; UC.

**THA M23B Lighting Design II 3.00 Units**

*PREREQUISITE: THA M23A. Field trips will be required. Transfer credit: CSU; UC.*

Focuses on the design aspect of stage lighting, developing a complete light plot and working schedule for a full length play. Emphasizes projections and special effects. Includes practical application of computer software for lighting design and light plots. Provides hands on experience in lighting through work on actual productions. Applies to Associate Degree. Transfer credit: CSU; UC.

**THA M24A Costume and Makeup Design I 3.00 Units**

Introduces the design of period costume, including research on historical dress (appearance, construction, fabric) and application of this research, through analysis, to a particular play. Also introduces the design and application of theatrical makeup. Applies to Associate Degree. Transfer credit: CSU; UC.

**THA M24B Costume & Makeup Design II 3.00 Units**

Advanced hands on training in costume design and construction, prosthetics, three dimensional makeup and mask construction. Applies to Associate Degree. Transfer credit: CSU, UC.

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## WORK EXPERIENCE

**WEXP M20 Occupational Work Experience 1.00 to 6.00 Units**

Occupational Work Experience provides on-the-job learning that is directly related to a career interest or major. Faculty and industry supervisors will provide feedback and written evaluations. Students receive one unit of credit for each 60 hours unpaid or 75 hours paid work, and may enroll in up to 8 units a semester with a maximum of 16 total units of any type of work experience education (including Internships, WEXP M10, and WEXP M20). Students enrolling in up to 4 units must be concurrently enrolled in 7 units, including the internship units. Students enrolling in 5-8 units must be enrolled in no more than 1 additional course. Students are required to attend an orientation, develop three learning objectives, and complete a work experience paper or project. To take this course, contact the Internship Office: (805) 378-1536. May be taken a maximum of 4 times for credit. Applies to Associate Degree. Transfer credit: CSU, pending.

**WEXP M31 Job & Career Readiness 0.50 Unit**

Provides understanding of how to prepare for employment in order to achieve personal job or career goals, such as prioritizing goals, identifying key attributes that employers prize, developing an approach appropriate to goals, and self-management techniques that include building self-confidence, staying motivated, and managing stress. Will develop a personalized Action Plan- a personalized, step-by-step employment preparation strategy. (Formerly WEXP M16). Applies to Associate Degree. Transfer credit: CSU.

**WEXP M34 Professional Resumes 0.50 Unit**

Provides resume and cover letter writing information and practice in specific and/or general career areas according to contemporary trends in hiring. Includes functional, chronological, and combination resume styles and resumes for electronic format. Student will develop and write personal resumes and cover letters using different formats. (Formerly WEXP M12). Applies to Associate Degree. Transfer credit: CSU.

**WEXP M35 Effective Interviews 0.50 Unit**

Provides job interviewing information and practice in specific and/or general career areas. Includes current interviewing styles, sample questions, legal parameters, and appropriate dress, demeanor, and response. (Formerly WEXP M11). Applies to Associate Degree. Transfer credit: CSU.

**WEXP M36 Strategies for Career Success 0.50 Unit**

Provides information on how to prepare for and achieve employment success, including understanding workplace culture and expectations, understanding and practicing workplace ethics, responding well to critical feedback, managing stress and conflict, and working within a team environment. (Formerly WEXP M15). Applies to Associate Degree. Transfer credit: CSU.

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## ZOOLOGY

**ZOO M01 Introduction to Zoology 5.00 Units**

Introduces the major phyla of animals. Examines the anatomy and physiology of the major phyla from an evolutionary perspective, relating structure, metabolism, genetics, reproduction, development, lifestyle, behavior, and habitat location to species success. Emphasizes the relationship between form and function at the level of cells, organ systems, and communities. In lab, students develop skill with the scientific method as they examine the anatomy and physiology of representative animals in each of the major animal groupings. Applies to Associate Degree. Transfer credit: CSU; UC.

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