

In the four columns to the right under the **College Program Requirements**, enter the college's course identifier, title and the number of units comparable to the course indicated for the form. If the course may be double-counted with Cal-GETC, enter the GE Area to which the course is articulated. To review the GE Areas and associated unit requirements, please go to Chancellor's Office Academic Affairs page, RESOURCE section located at: <https://www.cccco.edu/About-Us/Chancellors-Office/Divisions/Educational-Services-and-Support/What-we-do/Curriculum-and-Instruction-Unit/Templates-For-Approved-Transfer-Model-Curriculum>

or the ASSIST website: <https://www.assist.org/>.

The units indicated in the template are the **minimum** semester units required for the prescribed course or list. All courses must be CSU and UC transferable. **All courses with an identified C-ID Descriptor must be submitted to C-ID prior to submission of the Associate Degree for Transfer (ADT) proposal to the Chancellor's Office.**

Where no **C-ID Descriptor** is indicated, discipline faculty should compare their existing course to the example course(s) provided in the form at:

<http://www.c-id.net/degereview.html>

Attach the appropriate ASSIST documentation as follows:

- *Articulation Agreement by Major (AAM)* demonstrating lower division preparation in the major at a CSU or UC;
- *UC Transfer Course Agreement (UCTCA)* for the transfer courses; and/or,
- *Cal-GETC Certification Course List by Area (GECC)*.

The acronyms **AAM**, **UCTCA**, and **GECC** will appear in **C-ID Descriptor** column directly next to the course to indicate which report will need to be attached to the proposal to support the course's inclusion in the transfer degree. To access ASSIST, please go to <http://www.assist.org>.

Associate in Science in Mathematics 2.0 for Transfer Degree					
College Name: MOORPARK COLLEGE					
TRANSFER MODEL CURRICULUM (TMC)		COLLEGE PROGRAM REQUIREMENTS			
Course Title (units)	C-ID Descriptor	Course ID	Course Title	Units	Cal-GETC
REQUIRED CORE: (17-18 units)					
Single Variable Calculus Sequence (8)	MATH 900S	MATH	Calculus with Analytic	5	2
OR	OR	M25A	Geometry I		
		OR	OR		
Single Variable Calculus I – Early Transcendentals (4)	MATH 210	MATH	Honors: Calculus with	5	2
AND	AND	M25AH	Analytic Geometry I		
Single Variable Calculus II – Early Transcendentals (4)	MATH 220	AND	AND		
OR	OR	MATH	Calculus with Analytic	5	2
		M25B	Geometry II		
		OR	OR		
Single Variable Calculus I – Late Transcendentals (4)	MATH 211	MATH	Honors: Calculus with	5	2
AND	AND	M25BH	Analytic Geometry II		
Single Variable Calculus II – Late Transcendentals (4)	MATH 221				

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TRANSFER MODEL CURRICULUM (TMC)		COLLEGE PROGRAM REQUIREMENTS			
Course Title (units)	C-ID Descriptor	Course ID	Course Title	Units	Cal-GETC
Multivariable Calculus (4)	MATH 230	MATH M25C	Calculus with Analytic Geometry III	5	2
Ordinary Differential Equations (3) AND Introduction to Linear Algebra (3)	MATH 240 AND MATH 250	MATH M35	Applied Differential Equations	3	2
OR Differential Equations and Linear Algebra (5)	OR MATH 910S	MATH M31	Introduction to Linear Algebra	3	2
List A: Select one (3-4 units)					
Programming Concepts and Methodologies I (3)	COMP 122	CS M125	Programming Concepts and Methodology I	3	
OR	OR	OR CS M01	OR Introduction to Computer Science OR		
Any Introductory Programming Course such as C++, Python, and such that is articulated for transfer for the major	AAM	OR CS M10J	OR Introduction to Computer Programming Using Java OR	3 4	
		OR CS M10P	OR Introduction to Computer Programming Using Python Language	4	
Calculus-based Physics for Scientists and Engineers: A (4)	PHYS 205	PHYS M20A	Mechanics of Solids and Fluids	4	5A
		AND PHYS M20AL	AND Mechanics of Solids and Fluids Laboratory	1	5C
Total Units for the Major:	20-22	Total Units for the Major:		24-26	
		Total Units that may be double-counted (The transfer GE Area limits must <u>not</u> be exceeded)			3-7
		General Education (Cal-GETC) Units			34
		Elective (CSU Transferable) Units			3 - 9
		Total Degree Units (maximum)			60