NURSING, ASSOCIATE IN SCIENCE (AS)

Originator

smelton

Co-Contributor(s)

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College

Ventura College

Division

Ventura Career Education I (327)

Program Title

Nursing, Associate in Science (AS)

Banner Title

Nursing, AS

Type of Program

Credit

Program Award/Degree

A.S. Degree (S)

Program Goals

C – CTE (limited to CTE programs in CTE TOP codes other than ADTs).

Start Semester

Fall

Start Year

2023

Basic Program Information

This is a Collaborative/Joint Program with another college

No

Program Details

Apprenticeship

No

NOTE: CTE program, please consult with Center of Excellence

Employment Potential (CTE only)

LMID EDD Consultant

Net Annual Labor Demand (CTE only)

The attached LMI states that in 2020 there were 619 regional (South Central Coast) completions in programs related to the occupations identified as aligned with Registered Nursing and 859 openings, indicating a net annual labor demand of 240. The LMI also projects that the number of regional Registered Nursing jobs will increase by more than a thousand between 2020 and 2025.

Program Narrative

Justification/Reason for Revision

Removed defunct math courses and provided new substitutes.
PSLOs changed to match catalog and TracDat; these now align.
P1: 2022

Program Goals and Objectives: Must address a valid transfer, workforce preparation, basic skills, civic education, or lifelong learning purpose.

This program prepares students to take and pass the NCLEX-RN examination, leading to licensure as a Registered Nurse. This aligns with the mission of Ventura College, as it leads to the award of an Associate Degree in Nursing (ADN), thereby providing a workforce preparation opportunity in a field that continues to be in high demand throughout California.

This program is competitive and cohort-based; students must apply for admission to the program. There are consistently more applicants than openings, and not all applicants are admitted to the program. The program evaluates applicants using a standardized scoring system that is based on multiple criteria, such as college GPA, completion of appropriate preparatory coursework (or, in some cases, equivalent work in high school), timely submission of transcripts and the program application, attaining certification as a nursing assistant (CNA) before applying, and earning a "success score" on the Test of Essential Academic Skills (ATI TEAS).

75% of each cohort is selected on the basis of this multi-criterion score. The remaining 25% of each entering class is admitted based on their position on the program waitlist, which is composed of the names of qualified applicants from the previous semester who were not admitted due to space limitations. There are two cohorts per year; applications are due August 31 and February 28.

Among the competencies that nursing students acquire in this program are the following:
* Provide safe, quality, culturally appropriate patient-centered care to patients, families, and groups.
* Make treatment decisions that are evidence-based and consistent with patient preferences.
* Communicate effectively with patients and other members of the health care team.
* Provide and coordinate safe, quality, and patient-centered care.
* Demonstrate leadership skills in the delivery of quality health care to patients.
* Contribute to the effectiveness and efficiency of the work unit.
* Integrate established regulatory (California Nurse Practice Act), legal, and ethical principles into standard-based personal nursing practice.

Add Attachment

Nursing AS revision LMI 202203xx.pdf
Nursing AS revision CP-3 20220618.pdf

Career Opportunities

Students who complete the program and pass the RN licensure examination typically seek employment in an entry-level staff nurse position in a variety of health care settings.

Catalog Description: Includes program requirements, prerequisite skills or enrollment limitations, student learning outcomes, and information relevant to program goal

Registered Nursing Program Prerequisites

1. Completion of ANAT V01 Human Anatomy (Units: 4) with a minimum grade of C.
2. Completion of PHSO V01 Human Physiology (Units: 4) with a minimum grade of C.
3. Completion of MICR V01 General Microbiology (Units: 4) with a minimum grade of C.
4. Completion of CHEM V20 Elementary Chemistry (Units: 4)+CHEM V20L Elementary Chemistry Laboratory (Units: 1), or CHEM V30 Chemistry for Health Sciences (Units: 4)+CHEM V30L Chemistry for Health Sciences Laboratory (Units: 1), or a higher-level chemistry course with laboratory (5 semester units) with a minimum grade of C, or one year of high school chemistry with a minimum grade of C.
5. Completion of MATH V44 Elementary Statistics (Units: 4) and (optionally) MATH V44J Just-in-Time Support for Elementary Statistics (Units: 2), or a higher-level mathematics course (4−6 semester units) with a minimum grade of C.
6. Possession of a current California CNA certification.

Potential and current applicants are requested to attend a Pre-nursing Workshop. These sessions are given bimonthly. Information covers general campus information and provides specific information about the selection requirements of the nursing program. Contact the College Counseling Office (https://www.venturacollege.edu/departments/student-services/counseling/) for the workshop schedule.

Nursing Program Requirements

Procedures for Applying

Applications will be accepted twice yearly. Admission is subject to available openings. The Associate Degree in Nursing (ADN) program is impacted and generally has a waiting list.

Application deadlines: August 31 and February 28.

1. Complete all prerequisites to apply (mathematics, chemistry, anatomy, physiology, microbiology, and current California CNA). Students may **not** apply if any prerequisite is still in progress.
2. Submit an application to the college (new students only). Applications are available online (https://www.venturacollege.edu/apply-and-enroll/).
3. Submit official transcripts from all non-VCCCD regionally accredited colleges/universities attended. These must be on file with the Ventura College Admissions and Records office **before** completing step 4. Transcripts from Ventura College, Moorpark College, or Oxnard College are **not** required.

4. Complete the Nursing Application Appointment Pre-screening Form (https://www.venturacollege.edu/departments/academic/ nursing-science/nursing-application-appointment-pre-screening/) (on the nursing website (https://www.venturacollege.edu/ departments/academic/nursing-science/)) to be reviewed for eligibility. Students will be notified by phone or VCCCD email within 3 business days from receipt of the Pre-screening Form regarding eligibility and next steps.
5. Submit an application to the ADN program.

Admission Requirements

Qualifying Requirements

Step 1:

Students must be in good academic standing (not on academic probation) to be eligible for application to the nursing program at Ventura College.

1. One of the following must be completed before applying to the program:
   a. A minimum of 12 semester units of completed college coursework with an overall GPA of 2.5, or
   b. The equivalent, consistent with Board of Registered Nursing requirements (see a college nursing counselor for details).
2. All of the following must be completed:
   a. Official transcripts from all regionally accredited colleges attended must be on file at Ventura College before applying for the August 31 or February 28 application deadlines to be considered. (Official transcripts from Ventura College, Moorpark College, or Oxnard College are not required.) Official high school transcripts will be required only if the Chemistry prerequisite is being fulfilled with a high school Chemistry course.
   b. An application to the Associate Degree in Nursing (ADN) program must be on file with the Counseling Office at Ventura College by August 31 or February 28 to be considered.
   c. An application to Ventura College must also be filed for the appropriate semester (new students only).
   d. It is the applicant's responsibility to check with the transcript clerk in the Office of Admissions and Records to see that their official transcripts are on file at Ventura College.
   e. The applicant certifies the accuracy and completeness of the statements and information noted on the VC nursing application. The applicant understands that enrollment or eligibility in the Ventura College nursing program may be subject to termination if there has been a willful misrepresentation of the information submitted. The applicant authorizes the use of this information by appropriate Ventura College personnel to evaluate the qualifications for application to this program.

Step 2:

All of the following must be completed before applying to the program. (Ventura College courses are listed with the comparable courses from Moorpark College (*MC*) and Oxnard College (*OC*).)

1. **Anatomy**: college anatomy with laboratory (4 semester units), with a minimum grade of C: ANAT V01 (*MC*: ANAT M01; *OC*: ANAT R101). **Note**: Enrollment in either BIOL V01+BIOL V01L or BIOL V03 is strongly recommended before or concurrently with ANAT V01 to improve performance in both ANAT V01 and the TEAS test.
2. **Chemistry**: one year of high school chemistry or one semester of college chemistry with laboratory, with minimum grades of C: CHEM V20+CHEM V20L or CHEM V30+CHEM V30L or higher-level course (*MC*: CHEM M11 or CHEM M12; *OC*: CHEM R104 or CHEM R110).
3. **Mathematics**: completion of a statistics or higher-level course, with a minimum grade of C: MATH V44 (the support course MATH V44J is optional) (*MC*: MATH M15 or MATH M15H; *OC*: MATH R105 or MATH R105H).
4. **Microbiology**: college bacteriology/microbiology with laboratory (4 semester units), with a minimum grade of C: MICR V01 (*MC*: MICR M01; *OC*: MICR R100+MICR R100L).
5. **Physiology**: college physiology with laboratory (4 semester units), with a minimum grade of C: PHSO V01 (*MC*: PHSO M01 or PHSO M01H; *OC*: PHSO R101).
6. **GPA** in the core biological sciences (anatomy, microbiology, and physiology) must be at least 2.5. There may be no more than one repeat or withdrawal ("W") in any of the core biological science courses.
7. **CNA**: current certification as a nursing assistant (CNA) in California or the equivalent.
8. **Testing**: attainment of the "**success score**" on the state-mandated diagnostic assessment test, which is the Test of Essential Academic Skills (ATI TEAS). The ATI TEAS exam may only be taken twice maximum. If not successful on the first attempt, the prospective applicant must remediate. The Ventura College nursing program uses the first successful ATI TEAS exam score for the multi-criteria admission priority calculation.

Step 3:

One of the following additional courses must be completed before entering the nursing program, or it may be completed concurrently with the first-semester Nursing Science course (NS V10):

- Human growth and development across the lifespan: CD V03 or PSY V05 (*MC*: PSY M07; *OC*: PSY R108).

Step 4:

Additional courses required for those enrolled in the ADN program are listed below.

With the exception of human growth and development across the lifespan (see Step 3 above), students may complete these additional courses before or after acceptance into the nursing program. The School of Nursing recommends that students complete as many courses as possible **before** acceptance. These Ventura College courses are listed with the comparable courses from Moorpark College (*MC*) and Oxnard (*OC*) College.

1. AES V11 or ANTH V02 or SOC V01 or SOC V02 or SOC V03 (*MC*: ANTH M02 or SOC M110 or SOC M110H or SOC M115 or SOC M150; *OC*: ANTH R102 or ANTH R102H or SOC R101 or SOC R101H or SOC R102 or SOC R103).
2. PSY V01 (*MC*: PSY M01 or PSY M01H; *OC*: PSY R101 or PSY R101H).
3. ENGL V01A (pre-transfer courses **may not** be substituted) (*MC*: ENGL M01A or ENGL M01AH; *OC*: ENGL R101 or ENGL R101H).
4. COMM V01 or COMM V10 (*MC*: COMM M01 or COMM M01H or COMM M07; *OC*: COMM R101 or COMM R107)
5. Ventura College general education courses from the following areas:
   a. American history and institutions, Area B1 (three units)
   b. Humanities, Areas C1 and C2 (six units)
   c. Physical Education/Kinesiology, Area E2 (one course)

All applicants must contact a college nursing counselor for specific information regarding the ADN program.

Admission Process

The nursing program will admit a minimum of 75% of students based on enhanced admission criteria.

1. All students will be added to an existing wait list.
2. The nursing program will screen and rank-order all students on the wait list based on a multi-criterion screening.
3. Seventy-five percent (75%) of the students with the highest scores from the multi-criterion screening will be admitted **first** to the nursing program.
4. Twenty-five percent (25%) of the entering class will be admitted based on their position on the wait list.

Enhanced criteria will include:

- GPA in science courses (anatomy, microbiology, and physiology) and lack of repeats in these courses. The first passing grade is the one use to calculate the science GPA, even if the course was repeated and a higher grade was earned;
- academic degrees, diplomas, or relevant certificates held by an applicant; relevant work or volunteer experience;
- life experience or special circumstances of an applicant, including but not necessarily limited to the following: disabilities, low family income, first generation of family to attend college, need to work, disadvantaged social or educational environment, difficult personal and family situations or circumstances, refugee or veteran status, proficiency or advanced-level coursework in languages other than English, and assessment/readiness test results (TEAS score).

To be included in the August applicant pool:

1. The application must be submitted by August 31.
2. ATI TEAS results must be submitted electronically through ATI or on file by August 31.

To be included in the February applicant pool:

1. The application must be submitted by February 28.
2. ATI TEAS results must be submitted electronically through ATI or on file by February 28.

Each qualified applicant, when selected, must decide either to enter the class, remove their name from the eligibility list, or request a deferment. Applicants may defer entry one time only. Those qualified applicants who are not selected due to limited openings may retain their names (in the order assigned by a random draw) on a waiting list. These applicants will be included in the next-semester admission process as described above. Students who choose not to enter when selected or after a second deferment must reapply and receive a new random number assignment.

Transfer and Advanced Placement

Transfer students may be accepted as space permits. Credit for nursing courses taken at another institution will be evaluated on an individual basis. The School of Nursing also provides opportunities for licensed vocational nurses (LVNs) to advance on the career ladder and become eligible for registered nurse licensure. To be eligible for this program, a candidate must be an LVN who is currently licensed in California. Interested candidates should contact the nursing counselor for transfer/challenge requirements and applications. All advanced placement applicants must meet the ADN program prerequisites and course requirements. Advanced placement applicant students are not accepted into the last semester of the nursing program.

LVN-RN Advanced Placement Program

The Advanced Placement program is for students who currently possess a LVN license. The School of Nursing also provides opportunities for licensed vocational nurses (LVN) to advance on the career ladder with vertical mobility providing education leading to eligibility for registered nurse licensure. To be eligible for this program, a candidate must be an LVN who is currently licensed in California. Interested candidates should contact the nursing counselor for challenge requirements and applications.

Offered is an Associate Degree in Nursing with a program of clinical components in which the student cares for patients in the acute care and community settings. Upon completion of the Associate Degree program in Nursing, students will be eligible to take the NCLEX-RN examination leading to licensure as a Registered Nurse. The student must have fulfilled all requirements as defined by the California State Board of Registered Nursing. A licensed Registered Nurse (RN) may seek employment in an entry-level staff nurse position in a variety of healthcare settings. An additional 30-unit option is available to LVNs.

Program Requirements: Includes course requirements and sequencing that reflect program goals.

Transfer requirements may differ.
See a college counselor or consult assist.org *(*https://www.assist.org*).*

Course ID	Title	Units/Hours
Required Courses (55 units):		
ANAT V01	Human Anatomy	4
ENGL V01A	English Composition	4
MICR V01	General Microbiology	4
NS V10	Foundations of Nursing Practice	9
NS V20	Patient-Centered Care I and Family-Centered Care of Children	9
NS V30	Patient-Centered Care II and Maternal Newborn and Mental Health Nursing	9
NS V40	Patient-Centered Care III and Transition to Professional Practice	9
PHSO V01	Human Physiology	4
PSY V01	Introduction to Psychology	3
Required Additional Courses (9 units):		
Select one (1) of the following courses:		
AES V11/SOC V03	Racial and Ethnic Group Relations	3
ANTH V02	Cultural Anthropology	3
SOC V01	Introduction to Sociology	3
SOC V02	Social Problems	3
Select one (1) of the following courses:		
CD V03	Human Development	3
PSY V05	Introduction to Developmental Psychology	3
Select one (1) of the following courses:		
COMM V01	Introduction to Speech Communication	3
COMM V10	Critical Thinking in Oral Communication: Argumentation and Debate	3

Total Required Major Units		**64**
Additional VC Graduation Requirements		
Select one (1) course from each GE category:		
American History or Institutions		3
Fine and Performing Arts		3
Humanities		3
Health Education (requirement is fulfilled with NS V40 for ADN degrees, so this does not add units)		0
Physical Education Activity/Kinesiology		1
Complete all required prerequisite courses as indicated:		
MATH V44	Elementary Statistics (with or without MATH V44J)	4-6
—OR—		
Higher-level course in mathematics		
CHEM V20 & V20L	Elementary Chemistry and Elementary Chemistry Laboratory	4+1
—OR—		
CHEM V30 & V30L	Chemistry for Health Sciences and Chemistry for Health Sciences Laboratory	4+1
—OR—		
Higher-level course in chemistry with laboratory		

DEGREE TOTAL (INCLUDING ALL REQUIREMENTS)		**83-85**

A college-level physical science course must be completed to fulfill graduation requirements at Ventura College (see AA/AS GE Requirements (http://catalog.vcccd.edu/ventura/general-education/general-education-requirements/), Area A2). Students who apply a high-school chemistry course toward satisfaction of the nursing program's chemistry prerequisite will need to complete another physical science course, which may include one of the chemistry courses listed above.

No Certificate of Achievement is awarded in Nursing.

Eligible candidates may challenge the Health Science Division for advanced standing.

Highly Recommended Courses

In addition to the required courses listed above, it is highly recommended that students who seek to enhance their chances of successful completion of the Associate in Science in Nursing degree take the following courses: NS V07 and BUS V27A. Although these supplemental courses may be of value to the student, please note that these courses do **not** satisfy the requirements for this degree.

Plan of Study

Year 1

Fall Semester		Units/Hours
ANAT V01	Human Anatomy (Program prerequisite)	4
CHEM V20 & V20L	Elementary Chemistry and Elementary Chemistry Laboratory (Program prerequisite; satisfies AA/AS GE Area A2)	5
MATH V44	Elementary Statistics (Program prerequisite; satisfies AA/AS GE Area D2. Add 2 units if MATH V44J is also taken.)	4-6
	Units/Hours	**13-15**
Spring Semester		
CD V03 or PSY V05	Human Development (Major course; satisfies AA/AS GE Area B2) or Introduction to Developmental Psychology	3
ENGL V01A	English Composition (Major course; satisfies AA/AS GE Area D1)	4
MICR V01	General Microbiology (Program prerequisite; satisfies AA/AS GE Area A1)	4
PHSO V01	Human Physiology (Program prerequisite)	4
	Units/Hours	**15**

Year 2

Fall Semester		
COMM V01 or COMM V10	Introduction to Speech Communication (Major course) or Critical Thinking in Oral Communication: Argumentation and Debate	3
NS V10	Foundations of Nursing Practice (Major course)	9
PSY V01	Introduction to Psychology (Major course)	3
	Units/Hours	**15**
Spring Semester		
NS V20	Patient-Centered Care I and Family-Centered Care of Children (Major course)	9
GE Humanities (GE course; satisfies AA/AS GE Area C1)		3
Select one (1) of the following courses (major course):		3
AES V11/SOC V03	Racial and Ethnic Group Relations	
ANTH V02	Cultural Anthropology	
SOC V01	Introduction to Sociology	
SOC V02	Social Problems	
	Units/Hours	**15**

Year 3

Fall Semester		
NS V30	Patient-Centered Care II and Maternal Newborn and Mental Health Nursing (Major course)	9
GE American History or Institutions (GE course; satisfies AA/AS GE Area B1)		3
GE Physical Education/Kinesiology (GE course; satisfies AA/AS GE Area E2)		1
	Units/Hours	**13**
Spring Semester		
NS V40	Patient-Centered Care III and Transition to Professional Practice (Major course; satisfies AA/AS GE Area E1)	9
GE Fine or Performing Arts (GE course; satisfies AA/AS GE Area C2)		3
	Units/Hours	**12**
	Total Units/Hours	**83-85**

Enrollment and Completer Projections: Projection of number of students to earn certificate annually

85

Place of Program in Curriculum/Similar Programs: How the degree/certificate fits in the college's existing program inventory

a) Do any active inventory records need to be made inactive or changed in connection with the approval of the proposed program? If yes, please specify.

No, this is a routine program revision. The primary purpose is to adjust the mathematics requirements to accommodate the fact that the college will cease offering Intermediate Algebra classes due to AB 705.

b) Does the program replace any existing program(s) on the college's inventory? Provide relevant details if this program is related to the termination or scaling down of another program(s).

No, this is a revision of an existing program. This change does not affect any other existing programs at Ventura College or at the other colleges in our three-college district.

c) What related programs are offered by the college?

The college offers an AS-T in Public Health Science, which has no significant overlap with this program. It also offers a Certificate of Achievement in Pre-Allied Health. The certificate requirements comprise three of the prerequisite courses for this Associate Degree in Nursing. A number of students complete the Pre-Allied Health certificate before they apply for admission to the Nursing program, i.e., they use the Pre-Allied Health certificate as a stepping-stone to Nursing.

Similar Programs at Other Colleges in Service Area: Justification of need for program in the region

Moorpark College, which is a sister college in the district (and whose campus is 31 highway miles away from Ventura College), offers a comparable accredited Nursing (RN) program; both colleges have done so for many years. Demand for trained nurses is sufficient

in the region (as documented in the attached LMI) to easily support both colleges' programs. Both Moorpark College and Ventura College are located within commuting distance of numerous hospitals and medical centers in Los Angeles as well as at least seven major hospitals and numerous doctors' offices and urgent-care clinics in Ventura County.

Master Planning

Master Planning: Address how the degree/certificate fits in the mission, curriculum, and master planning of the college and higher education in California

The Ventura College nursing program has existed for well over 50 years. It is fully accredited by the Accreditation Commission for Education in Nursing (ACEN) and approved by the California Board of Registered Nursing (BRN). It is a popular program and well regarded in the community. The fact that it generally has more applicants than available openings suggests that the nursing program does not cause undue competition with a similar program that Moorpark College offers. (Moorpark College is located some 31 highway miles away from Ventura and is in the same district.) Net labor demand in the region for registered nurses is high and the number of positions is expected to grow through at least 2025.

The program awards 80 to 90 Associate Degrees in Nursing per year, serving the community in accordance with the mission of the college. Graduates are qualified to sit for the RN licensing exam; recent pass rates for Ventura College graduates consistently exceed 95% and have been as high as 100%.

Nursing is a high-unit program; between prerequisites, major requirements, and general education, it requires the completion of at least 83 semester units of coursework. The course requirements are specified by the BRN and therefore cannot be reduced significantly below this number. There is an LVN-to-RN version of the program that requires the completion of fewer units, as LVNs have already satisfied some of the program prerequisites to acquire their license.

Local Program

If a local program is intended to address community need, must submit community-need-related documentation, such as letters of support, survey results, or anything that provides evidence that the program fulfills a need of the community. This must also be clearly expressed in the narrative.
N/A

Program Student Learning Outcomes

Program Student Learning Outcomes

Outcome
Provide safe, quality, culturally appropriate patient-centered care to patients, families, and groups supported by evidence-based clinical decisions and patient preferences in a variety of settings.
Communicate effectively with patients and members of the inter-professional health care team to provide and coordinate safe, quality, patient-centered care.
Demonstrate leadership and system management knowledge and skills in the delivery of quality health care to patients while contributing to the effectiveness and efficiency of the work unit.
Integrate established regulatory (California Nurse Practice Act), legal and ethical principles into standard-based personal nursing practice.

Units Required for Program

Required Major Units (Credit Program)/Hours (Noncredit Program) (Minimum)
73
Required Major Units (Credit Program)/Hours (Noncredit Program) (Maximum)
75

General Education Pattern Available for Program

VCCCD GE
Yes

VCCCD GE
29
Double-Count Units:
19

GE Pattern of a Transfer Institution (meeting minimum of T5 requirements)
No

CSU GE-Breadth
No

IGETC
No

Total General Education Units (Minimum)
29

Total General Education Units (Maximum)
29

Total Double-Count Units (Minimum)
19

Total Double-Count Units (Maximum)
19

Elective Units (Minimum)
0

Elective Units (Maximum)
0

Total Units/Hours for Program (Minimum)
83

Total Units/Hours for Program
85

Codes

Program TOP Code
1230.10 - *Registered Nursing

Program CIP Code
513801 - Registered Nursing/Registered Nurse.

SOC (Standard Occupational Classification) Code
29-1141 Registered Nurses