



(a) Have created a one 3 unit course on large motor development, music and movement to meet new industry standards for the CA Child Development Permit.

B) Course Deletions/Inactivations : TAC  
Implementation for Fall 2019

(All of these will be removed from the AA degree which is coming to

students transferring to SJSU.

- (i) PCA: MSU
- (ii) DE: MSU
- (iii) Course approval: MSU

2) EGN 1R Introduction to Engineering (2 units)

- (a) Split up EGN-1 into two separate classes: lecture and lab.

(a) Motion: MSU

2) Associate of Science in Nursing

(a) Motion: MSU

B) Course Revisions: CWE

1) CWE 99 General Cooperative Work Experience Education (1-3 units)

(a) Table CWE 99 and OCN 1: MSU

C) Course Revisions: EGN

1) EGN 2 Engineering Graphics and Design (3 units)

(i) PCA: MSU

(ii) DE: MSU

(iii) Course approval: MSU

D) Course Revisions: OCN

1) OCN 1 Oceanography (3 units)

(a) Tabled: see above.

VII. Announcements

Counselor Joel Torres has been selected as the Articulation Specialist and will be attending Curriculum Committee meetings.

VIII. Meeting Adjourned. Next meeting date: 10/18/2018.

## Appendix: Approved Degrees

### Engineering

Degree Type: AS

Degree Name: Associate in Science in Engineering

Program Description: Engineering is the science and art of applying scientific and mathematical principles, experience, judgment, and common sense to design things that benefit society. Engineers are problem-solvers who make things work faster, cheaper, and more efficiently. Technologies developed by engineers improve the ways that we live, communicate, work, travel, stay healthy, and entertain ourselves. From computer chips to cellphones and buildings to automobiles, engineering makes every aspect of our modern life possible.

Hartnell College offers a two-year lower division engineering program that prepares students for transfer in all engineering disciplines to colleges and universities in California and across the United States. The Associate in Science in Engineering offers course work in all fields of engineering from civil through mechanical and electrical and computer engineering. Students who are seeking to transfer to a four-year university and complete their Bachelor of Science in Engineering can find the courses needed to transfer in the Engineering program, as can students who are seeking employment in related fields as engineering technologists, surveyors, or construction managers. Positions for which four-year graduates in engineering are qualified can be found in the fields of engineering, engineering technology, construction management, business, programming, teaching, and research.

The first two years of the engineering curriculum at most colleges and universities have a shared core of mathematics and physics plus a programming course. Beyond that, there is specialization in several areas. As there are different disciplines within engineering, four different tracks have been developed, and each one feeds into one or more majors at the baccalaureate level. The fifth track is appropriate for engineering majors who are not explicitly listed in the first four tracks, such as chemical engineering or biomedical engineering. The five discipline clusters are:

1. Mechanical, Aerospace, and Manufacturing Engineering
2. Civil Engineering
3. Electrical Engineering
4. Computer and Software Engineering
5. General Engineering

Program



GENERAL  
 COMPUTER  
 ELECTRICAL  
 CIVIL  
 MECHANICAL/AEROSPACE/  
 MANUFACTURING

EGN 1L Introduction to Engineering Lab	1	X	X	X	X	X
EGN 2 Engineering Graphics	3	X	X			X
EGN 4 Materials Science and Engineering	4	X	X			X

EGN 5 Programming and Problem-Solving in MATL(v)-5(in)!

CSS 2B Data Structures and Algorithms	4			X	X	X
CSS 3 Computer Architecture and Assembly Language Programming	4				X	X
CSS 7 Discrete Structures	4				X	X
Number of ADDITIONAL units to choose		23	2 2	12	15	20

Total Major Units: 33-48 units

Required Math Class for degree: MAT 3A

Partial IGETC-CSU or CSU-GE certification is approved to meet the AS- Engineering general education. For the partial certification: (IGEP ~~£~~301 0.48001 ref\*351.31(IGEP ~~£~~-7(I)11.29



1. incorporate leadership, management, and legal-ethical principles to guide practice as a professional nurse.
2. integrate caring into relationships and nursing interventions that positively influence health outcomes and demonstrate sensitivity to the values of others.
3. participate in collaborative relationships through communication with members of the interprofessional healthcare team for the purpose of providing and improving patient care.
4. provide competent, evidence-based care to diverse individuals across the lifespan in a variety of healthcare settings.
5. employ a spirit of inquiry to effectively communicate, manage knowledge, prevent errors, and support decision-making.

Required General Education Courses: prior to acceptance into the program

	Course Name and Number	Units
BIO 5	Human Anatomy	4.0
PSY 2	General Psychology	3.0
ANT 2	Intro to Cultural Anthropology	3.0
	Ethnic Groups Course	(3.0)
ENG 1A	College Composition and Reading	3.0
MAT 123	Intermediate Algebra*	5.0
COM 1 or 3	Introduction of Public Speaking or Survey of Human Communication	3.0

Subtotal: 21-24 units

Required Major Courses: prior to acceptance into the program

Course Name and Number	Units
BIO 6 Introductory Physiology	3.0
BIO 6L Physiology Laboratory	2.0
BIO 27 Principles of Microbiology	4.0

Subtotal: 9.0 units

Required Major Courses: after acceptance into the program

Course Name and Number	Units
<b>First Semester</b>	
NRN 110 Foundations for Success for Registered Nursing Students	1.0
NRN 30 Basics of Pharmacology for Nursing Practice	0.5
NRN 41 Nursing Theory I	4.0
NRN 41.1 Nursing Clinical I	4.0
NRN 41.2 Clinical Reasoning Seminar I	1.0
NRN 41.3 Nursing Skills Lab I	1.0
<b>Second Semester</b>	
NRN 42 Nursing Theory II	4.0
NRN 42.1 Nursing Clinical II	4.0
NRN 42.2 Clinical Reasoning Seminar II	1.0

NRN 42.3 Nursing Skills Lab II	1.0
Third Semester	
NRN 43 Nursing Theory III	4.0
NRN 43.1 Nursing Clinical III	4.0
NRN 43.2 Clinical Reasoning Seminar III	0.5
NRN 43.3 Nursing Skills Lab III	1.0
Fourth Semester	
NRN 44 Nursing Theory IV	4.0
NRN 44.1 Nursing Clinical IV	4.0
NRN 44.2 Clinical Reasoning Seminar IV	0.5

Subtotal: 39.5 units

Nursing and Allied Health Electives: (recommended, not required)

NRN 60.1 Simulation for Nursing and Allied Health I	0.5
NRN 60.2 Simulation for Nursing and Allied Health II	0.5
NRN 60.3 Simulation for Nursing and Allied Health III	0.5

