- (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 the committee later this semester)

1)

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Appendix: Approved Degrees

Engineering

Degree Type: AS

Degree Name: Associate in Science in Engineering

Program Description:

describe and differentiate modern engineering tools and practices.

## Required Major Courses:

## COURSES SHARED BY ALL TRACKS

Course Name and Number		
EGN 1R Introduction to Engineering	2	
MAT 3A Analytical Geometry and Calculus I	4	
MAT 3B Analytical Geometry and Calculus I	4	
PHY 4A General Physics I/Mechanics	4	
PHY 4B General Physics II/Electricity and Magnetism		
A programming class: Choice of EGN 5 or CSS 2A or CSS 1		

Subtotal: 21-22 units

MECHANICAL/AEROSPACE/MANUFACTURING ENGINEERING TRACK

CIVIL

MECHANICAL/AEROSPACE/

MANUFACTURING

ELECTRICAL

GENERAL

EGN 1L Introduction to	1	Х	Χ	Χ	Χ	Χ
Engineering Lab						
EGN 2 Engineering Graphics	3	Χ	Χ			Χ
EGN 4 Materials Science and	4	Χ	Χ			Χ
Engineering						
EGN 5 Programming and	3			Χ	X	Χ
Problem-Solving in MATLAB						
EGN 6 Circuit Analysis	4	Χ				X

EGN 7L Computer Interface

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CSS 2B Data Structures and	4		Χ	X	Χ
Algorithms					
CSS 3 Computer Architecture	4			X	Χ

CSS 3 Computer Architecture 4 and Assembly Language Programming

- 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

1.0
4.0
4.0
0.5
1.0
4.0
4.0
0.5

Subtotal: 39.5 units

required)

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