



Norco College Curriculum Committee

Agenda

2:00 pm, October 22, 2019

OC 116

A.



M. State/Locally Approved Certificate/Degree Modifications: _____

1. ELE NAS408 Supply Chain Automation *N We would like to start teaching Siemens Programmable logic control systems. There are at least two possible ways of teaching PLC's. One is Siemens and the other is Allen Bradley. Siemens is well respected throughout the world and Allen Bradley is used throughout the United States. Currently we are teaching Allen Bradley only. One of our previous industry advisory councils recommended that we have the capability of teaching both. With this proposal we would like to purchase Siemens Programmable Logic Control systems, software and human machine interface panels. For only \$12,000 we would be able to equip the entire classroom with Siemens devices giving us the capability of teaching Siemens controls. Siemens is much more friendly for education because they are so inexpensive and their software can program anything they sell. Whereas, Allen Bradley requires a different software for everything they sell which gets really expensive. With this proposal we would like to purchase Siemens controls for the entire classroom.

2. ELE NAS656 Digital Electronics *N We would like to start teaching Siemens Programmable logic control systems. There are at least two possible ways of teaching PLC's. One is Siemens and the other is Allen Bradley. Siemens is well respected throughout the world and Allen Bradley is used throughout the United States. Currently we are teaching Allen Bradley only. One of our previous industry advisory councils recommended that we have the capability of teaching both. With this proposal we would like to purchase Siemens Programmable Logic Control systems, software and human machine interface panels. For only \$12,000 we would be able to equip the entire classroom with Siemens devices giving us the capability of teaching Siemens controls. Siemens is much more friendly for education because they are so inexpensive and their software can program anything they sell. Whereas, Allen Bradley requires a different software for everything they sell which gets really expensive. With this proposal we would like to purchase Siemens controls for the entire classroom.



N. State Certificate/Degree Deletions: NONE

O. AOE/GE Inclusions: NONE

P. Information Items:

1. New Courses:

- i. CUL-875 Introduction to Math for Baking Professionals *R The purpose of this course is to provide a fundamental understanding of math skills as they are applied in the professional bakery environment. This course will be the first in a series towards a local certificate in Math Skills for Professional Bakers.
- ii. CUL-876 Introduction to Cost Control for Professional Bakers *R The purpose of this course is to provide a fundamental understanding of cost control as they are applied in the professional baking environment. This course will be the second in a series towards a local certificate in Math Skills for the Professional kh1.076rs.



vi. EST-15 Zero Net Energy Building Science *R Proposed as a part of a new



xxiv. AUT-806 ASE Test Preparation - Electrical/Electronic Systems *R This course



online learning options ensures our organization is current with results -driven educational trends that meet the needs of our students. Value added online activities include additional writing assignments, online video lectures/presentations, threaded discussions, one-on-one interaction with the instructor through public and private communication tools, reports of online research results and reflections of reading assignments, and a flexible schedule for out of class interaction among all class participants.

- iii. FIT-7DE Principles of Fire and Emergency Services Safety and Survival The course content for this subject matter is ideal for hybrid & online delivery. In the online environment, the course includes assignments that require the student to research and discuss elements of cultural and behavioral change, firefighter safety initiatives, risk management, and ideas that foster a culture of safety. Using face-to-face (or recorded) lecture, video conferencing and threaded discussions; students are given the opportunity to teach each other about their findings. Regular deadlines are set throughout the term of the course for all discussions, written work, quizzes, research results, and peer-review written evaluations of related activities.

7. Minor Course Modifications: NONE

8. Major Course Modifications:

- i. COS-60E1 Level V Cosmetology Concepts Add objectives.
- ii. COS-801 Level VI Cosmetology Concepts add assignment



- xxviii. COS-60C Level III Cosmetology Concepts California State Board of Barbering and Cosmetology standard for technical and laboratory requirements in Cosmetology.
- xxix. COS-60D Level IV Cosmetology Concepts California State Board of Barbering and Cosmetology standard for technical and laboratory requirements in Cosmetology.
- xxx. COS-60E0 ~~one of the following: COS-60E1, COS-60E2, COS-60E3, COS-60E4, COS-60E5, COS-60E6, COS-60E7, COS-60E8, COS-60E9, COS-60E10, COS-60E11, COS-60E12, COS-60E13, COS-60E14, COS-60E15, COS-60E16, COS-60E17, COS-60E18, COS-60E19, COS-60E20, COS-60E21, COS-60E22, COS-60E23, COS-60E24, COS-60E25, COS-60E26, COS-60E27, COS-60E28, COS-60E29, COS-60E30, COS-60E31, COS-60E32, COS-60E33, COS-60E34, COS-60E35, COS-60E36, COS-60E37, COS-60E38, COS-60E39, COS-60E40, COS-60E41, COS-60E42, COS-60E43, COS-60E44, COS-60E45, COS-60E46, COS-60E47, COS-60E48, COS-60E49, COS-60E50, COS-60E51, COS-60E52, COS-60E53, COS-60E54, COS-60E55, COS-60E56, COS-60E57, COS-60E58, COS-60E59, COS-60E60, COS-60E61, COS-60E62, COS-60E63, COS-60E64, COS-60E65, COS-60E66, COS-60E67, COS-60E68, COS-60E69, COS-60E70, COS-60E71, COS-60E72, COS-60E73, COS-60E74, COS-60E75, COS-60E76, COS-60E77, COS-60E78, COS-60E79, COS-60E80, COS-60E81, COS-60E82, COS-60E83, COS-60E84, COS-60E85, COS-60E86, COS-60E87, COS-60E88, COS-60E89, COS-60E90, COS-60E91, COS-60E92, COS-60E93, COS-60E94, COS-60E95, COS-60E96, COS-60E97, COS-60E98, COS-60E99, COS-60E100~~



- xlix. COS-80B Level II Nail Care Concepts As part of program review and California State Board of Barbering and Cosmetology minimum standards for Cosmetology, this course was designed to relate the sciences and the practice of cosmetology principles within nail care.
 - I. COS-80A Level I Nail Care Concepts California State Board of Barbering and Cosmetology minimum standard for Cosmetology related sciences and the practice of cosmetology principles within nail care.
 - ii. COS-98A Esthetics Theory Exam Readiness Concepts California State Board of Barbering and Cosmetology minimum standard for Cosmetology related sciences and the practice of cosmetology principles within exam readiness.
 - iii. COS-98B Esthetics Practical Exam Readiness Concepts California State Board of Barbering and Cosmetology minimum standard for Cosmetology related sciences and the practice of esthetics principles within exam readiness.
 - liii. COS-99A Manicure Theory Exam Readiness Concepts California State Board of Barbering and Cosmetology minimum standard for Cosmetology related sciences and the practice of cosmetology principles within exam readiness.
 - liv. COS-99B Manicure Practical Exam Readiness Concepts California State Board of Barbering and Cosmetology minimum standard for Cosmetology related sciences and the practice of manicuring principles within exam readiness.
- iv. ADJ-A13A Drug Use Recognition CTE requirement of updating curriculum every 2 years.



- xiv. CHE -AST R Associate in Science in Chemistry for Transfer Degree *R The
Associate in Science in Chemistry for Transfer Degree (AS -T in Chemistry)

