Curriculum Committee Approvals: December 2nd, 2019

- **New Credit Courses:**
  - **AJ 87A (PC 832 Arrest)** - 1.5 Units, 1 Unit Lecture, .5 Units Lab) P/NP, 1X. Prerequisite: Must demonstrate ability to lawfully possess a firearm and be able to pass DOJ firearms clearance. TOP Code: 2105.00 – Administrative of Justice*. SAM Code: C. Discipline: Administration of Justice. (Start Date: Fall 2020)
  - **AJ 87B (PC 832 Firearms)** - 1 Unit, .5 Units Lecture, .5 Units Lab) P/NP, 1X. Prerequisite: Must demonstrate ability to lawfully possess a firearm and be able to pass DOJ firearms clearance. TOP Code: 2105.00 – Administrative of Justice*. SAM Code: C. Discipline: Administration of Justice. (Start Date: Fall 2020)
  - **APIW 51 (Blueprint Reading)** - 3 Units, 3 Units Lecture) O, 1X. Prerequisite: Student is a registered State indentured apprentice and a member of Northern California Shop Ironworkers Local 790. TOP Code: 0956.40 – Sheet Metal and Structural Metal*. SAM Code: A. Discipline: Welding. (Start Date: Fall 2020)
  - **APIW 52 (Shop Ironworkers Mathematics)** - 1.5 Units, 1.5 Units Lecture) O, 1X. Prerequisite: Student is a registered State indentured apprentice and a member of Northern California Shop Ironworkers Local 790. TOP Code: 0956.40 – Sheet Metal and Structural Metal*. SAM Code: A. Discipline: Welding. (Start Date: Fall 2020)
  - **APIW 53 (Welding Technology)** - 3 Units, 3 Units Lecture) O, 1X. Prerequisite: Student is a registered State indentured apprentice and a member of Northern California Shop Ironworkers Local 790. TOP Code: 0956.40 – Sheet Metal and Structural Metal*. SAM Code: A. Discipline: Welding. (Start Date: Fall 2020)
  - **APIW 54 (Structural I)** - 3 Units, 3 Units Lecture) O, 1X. Prerequisite: Student is a registered State indentured apprentice and a member of Northern California Shop Ironworkers Local 790. TOP Code: 0956.40 – Sheet Metal and Structural Metal*. SAM Code: A. Discipline: Welding. (Start Date: Fall 2020)
  - **APIW 55 (Work Place Safety and Machinery Operation/Labor Studies I)** - 1.5 Units, 1.5 Units Lecture) O, 1X. Prerequisite: Student is a registered State indentured apprentice and a member of Northern California Shop Ironworkers Local 790. TOP Code: 0956.40 – Sheet Metal and Structural Metal*. SAM Code: A. Discipline: Welding. (Start Date: Fall 2020)
  - **APIW 56 (Structural II)** - 3 Units, 3 Units Lecture) O, 1X. Prerequisite: Student is a registered State indentured apprentice and a member of Northern California Shop Ironworkers Local 790. TOP Code: 0956.40 – Sheet Metal and Structural Metal*. SAM Code: A. Discipline: Welding. (Start Date: Fall 2020)
  - **APIW 57 (Structural III)** - 3 Units, 3 Units Lecture) O, 1X. Prerequisite: Student is a registered State indentured apprentice and a member of Northern California Shop Ironworkers Local 790. TOP Code: 0956.40 – Sheet Metal and Structural Metal*. SAM Code: A. Discipline: Welding. (Start Date: Fall 2020)
  - **APIW 58 (Welding Code/AISC/Metallurgy/Labor Studies II)** - 1.5 Units, 1.5 Units Lecture) O, 1X. Prerequisite: Student is a registered State indentured apprentice and a member of Northern California Shop Ironworkers Local 790. TOP Code: 0956.40 – Sheet Metal and Structural Metal*. SAM Code: A. Discipline: Welding. (Start Date: Fall 2020)
  - **APIW 59 (Metal Stairs Layout and Fabrication)** - 3 Units, 3 Units Lecture) O, 1X. Prerequisite: Student is a registered State indentured apprentice and a member of Northern California Shop Ironworkers Local 790. TOP Code: 0956.40 – Sheet Metal and Structural Metal*. SAM Code: A. Discipline: Welding. (Start Date: Fall 2020)
- **APIW 60** (Metal Railing Layout and Fabrication - 3 Units, 3 Units Lecture) O, 1X. Prerequisite: Student is a registered State indentured apprentice and a member of Northern California Shop Ironworkers Local 790. TOP Code: 0956.40 – Sheet Metal and Structural Metal*. SAM Code: A. Discipline: Welding. (Start Date: Fall 2020)

- **APIW 61** (Ornamental Metal Fabrication/Structural IV - 1.5 Units, 1.5 Units Lecture) O, 1X. Prerequisite: Student is a registered State indentured apprentice and a member of Northern California Shop Ironworkers Local 790. TOP Code: 0956.40 – Sheet Metal and Structural Metal*. SAM Code: A. Discipline: Welding. (Start Date: Fall 2020)

- **APIW 62** (Blueprint Reading II - 3 Units, 3 Units Lecture) O, 1X. Prerequisite: Student is a registered State indentured apprentice and a member of Northern California Shop Ironworkers Local 790. TOP Code: 0956.40 – Sheet Metal and Structural Metal*. SAM Code: A. Discipline: Welding. (Start Date: Fall 2020)

- **ARTS 4B** (Intermediate Ceramics - 3 Units, 1.5 Units Lecture, 1.5 Units Lab) O, 1X, CSU T. Prerequisite: ARTS 4A with a minimum grade of C. TOP Code: 1002.30 – Ceramics. SAM Code: E. Discipline: Art. (Start Date: Fall 2020)

- **EMS 16** (Paramedic Clinical Occupational Work Experience - 3-4 Units, 3-4 Units Non-Paid Work Experience) P/NP, May be taken any number of times for a max of 16 units of cooperative work experience, CSU T. Prerequisite: EMS 10 with a minimum grade, EMS 11 with a minimum grade of C, EMS 12 with a minimum grade of C, EMS 13 with a minimum grade of C. TOP Code: 1251.00 – Paramedic*. SAM Code: C. Discipline: Emergency Medical Technologies. (Start Date: Summer 2020)

- **EMS 17** (Paramedic Capstone Occupational Work Experience – 1-8 Units, 1-8 Units Non-Paid Work Experience) P/NP, May be taken any number of times for a max of 16 units of cooperative work experience, CSU T. Prerequisite: EMS 16 with a minimum grade of P. TOP Code: 1251.00 – Paramedic*. SAM Code: B. Discipline: Emergency Medical Technologies. (Start Date: Summer 2020)

- **ENG 12C** (Craft of Writing Fiction: Advanced - 3 Units, 3 Units Lecture) OP, 1X, AA/AS GE: Humanities, CSU T/GE: C2, UC T. Prerequisite: ENG 12B with a minimum grade of C. Strongly Recommended: ENG 1A with a minimum grade of C or ENG 1AEX with a minimum grade of C. TOP Code: 1507.00 – Creative Writing. SAM Code: E. Discipline: English. (Start Date: Fall 2020)

- **ESL 1A** (Critical Reading and Composition for ESL - 6 Units, 6 Units Lecture, No Unit Value Lab) O, 1X, AA/AS GE: English Composition, CSU T/GE: A2, UC T, IGETC: 1A, C-ID# ENGL 100. Prerequisite: ESL 24 with a minimum grade of C or placement through the ESL assessment process. TOP Code: 4930.87 – English as a Second Language – Integrated. SAM Code: E. Discipline: ESL. (Start Date: Fall 2021)

- **FST 12A** (LPC-Regional Fire Academy- Firefighter 1A Structure Module - 14 Units, 8 Units Lecture, 6 Unit Lab) O, 1X. Prerequisite: EMS 30 with a minimum grade of C or a valid State of California EMT or PARAMEDIC license issued by the CA EMSA also meet this prerequisite, FST 1 with a minimum grade of C, FST 7 with a minimum grade of C or a valid CPAT (Candidate Physical Ability Test) card or BIDDLE (Firefighter Physical Agility) test also meet this prerequisite. TOP Code: 2133.50 – Fire Academy*. SAM Code: C. Discipline: Fire Technology. (Start Date: Fall 2020)

- **FST 12B** (LPC-Regional Fire Academy/FF1B Hazmat/WMD Module - 2 Units, 1.5 Units Lecture, .5 Unit Lab) O, 1X. Prerequisite: EMS 30 with a minimum grade of C or a valid State of California EMT or PARAMEDIC license issued by the CA EMSA also meet this prerequisite, FST 1 with a minimum grade of C, FST 7 with a minimum grade of C or a valid CPAT (Candidate Physical Ability Test) card or BIDDLE (Firefighter Physical Agility) test also meet this prerequisite. TOP
- FST 12C (LPC-Regional Fire Academy/Firefighter 1C Wildland Module) - 3 Units, 2 Units Lecture, 1 Unit Lab) O, 1X. Prerequisite: EMS 30 with a minimum grade of C or a valid State of California EMT or Paramedic license issued by the CA EMSA also meet this prerequisite, FST 1 with a minimum grade of C, FST 7 with a minimum grade of C or a valid CPAT (Candidate Physical Ability Test) card or BIDDLE (Firefighter Physical Agility) test also meet this prerequisite. TOP Code: 2133.50 – Fire Academy*. SAM Code: C. Discipline: Fire Technology. (Start Date: Fall 2020)

- FST 13 (LPC Regional Fire Academy-Firefighter 2 Module) - 2.5 Units, 1.5 Units Lecture, 1 Unit Lab) O, 1X. Prerequisite: Completion of a state approved ALA or ARTP Firefighter 1 academy which includes IFSA Proboard certification testing. This may be taken concurrently with the Firefighter 1 academy with instructor approval. TOP Code: 2133.50 - Fire Academy*. SAM Code: D. Discipline: Fire Technology. (Start Date: Fall 2020)

- FST 30 (Basic Firefighter Skills and Update) - 2 Units, 1 Unit Lecture, 1 Unit Lab) O, 1X. Prerequisite: Must be a current volunteer or paid fire fighter who has passed an ARTP or ALA fire fighter academy with a letter from the department head indicating student’s status. TOP Code: 2133.00 – Fire Technology*. SAM Code: B. Discipline: Fire Technology. (Start Date: Fall 2020)

- FST 31 (Intermediate Firefighter Skills and Update) - 2 Units, 1 Unit Lecture, 1 Unit Lab) O, 1X. Prerequisite: Must be a current volunteer or paid fire fighter who has passed an ARTP or ALA fire fighter academy with a letter from the department head indicating student’s status. TOP Code: 2133.00 – Fire Technology*. SAM Code: B. Discipline: Fire Technology. (Start Date: Fall 2020)

- FST 32 (Advanced Hazmat and Wildland Training for Firefighters) - 2 Units, 1 Unit Lecture, 1 Unit Lab) O, 1X. Prerequisite: Must be a current volunteer or paid fire fighter who has passed an ARTP or ALA fire fighter academy with a letter from the department head indicating student’s status. TOP Code: 2133.00 – Fire Technology*. SAM Code: B. Discipline: Fire Technology. (Start Date: Fall 2020)

- KIN 32A (Fall Intercollegiate Men’s Basketball) - 3 Unit, 3 Unit Lab) GR, 4X, AA/AS GE: Kinesiology, CSU T/GE: E, UC T. TOP Code: 0835.50 – Intercollegiate Athletics. SAM Code: E. Discipline: Coaching. (Start Date: Fall 2020)

- KIN 32B (Spring Intercollegiate Men’s Basketball) - 3 Unit, 3 Unit Lab) GR, 4X, AA/AS GE: Kinesiology, CSU T/GE: E, UC T. TOP Code: 0835.50 – Intercollegiate Athletics. SAM Code: E. Discipline: Coaching. (Start Date: Fall 2020)

- KIN 61A (Intercollegiate Water Polo Pre-Season Training) - 1-2 Units, 1-2 Units Lab) O, 4X, AA/AS GE: Kinesiology, CSU T/GE: E, UC T. Strongly Recommended: KIN WP1 with a minimum grade of C, KIN SW2 with a minimum grade of C. TOP Code: 0835.50 – Intercollegiate Athletics. SAM Code: E. Discipline: Coaching. (Start Date: Fall 2020)

- KIN AR1 (Archery 1- Beginning Archery) - 1 Unit, 1 Unit Lab) O, 1X, AA/AS GE: Kinesiology, CSU T/GE: E, UC T. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Physical Education. (Start Date: Fall 2020)

- KIN FL4 (Flag Football 4) - 1 Unit, 1 Unit Lab) O, 1X, AA/AS GE: Kinesiology, CSU T/GE: E, UC T. Prerequisite: KIN FL1 with a minimum grade of C, KIN FL2 with a minimum grade of C, KIN FL3 with a minimum grade of C. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Physical Education. (Start Date: Fall 2020)

- New Noncredit Courses:
  - NAUT INTR (Automotive Services and Introduction) - 144 hours, 36 hours lecture, 108 hours lab) O, Workforce Preparation. TOP Code: 0948.00 – Automotive Technology*. SAM Code: C. Discipline: Automotive Technology. (Start Date: Fall 2020)
• **NAUT L1L2 (Smog Level One and Level Two)** - 117 hours, 90 hours lecture, 27 hours lab) O, Short-Term Vocational. TOP Code: 0948.00 – Automotive Technology*. SAM Code: B. Discipline: Automotive Technology. (Start Date: Fall 2020)

• **NAUT LABA (Automotive Lab)** - 108 hours, 108 hours lab) O, Workforce Preparation. Prerequisite: AUTO INTR with a minimum grade of C (May be taken concurrently) or NAUT INTR with a minimum grade of C (May be taken concurrently). TOP Code: 0948.00 – Automotive Technology*. SAM Code: C. Discipline: Automotive Technology. (Start Date: Fall 2020)

• **NAUT LABB (Automotive Lab Advanced)** - 108 hours, 108 hours lab) O, Workforce Preparation. Prerequisite: AUTO LABA with a minimum grade of C or NAUT LABA with a minimum grade of C, AUTO INTR with a minimum grade of C or NAUT INTR with a minimum grade of C. TOP Code: 0948.00 – Automotive Technology*. SAM Code: C. Discipline: Automotive Technology. (Start Date: Fall 2020)

• **NAUT SDR (Specified Diagnostic and Repair)** - 126 hours, 72 hours lecture, 54 hours lab) O, Short-Term Vocational. TOP Code: 0948.00 – Automotive Technology*. SAM Code: C. Discipline: Automotive Technology. (Start Date: Fall 2020)

• **NBUS 233 (Personal Financial Management and Planning)** – 54 Hours, 54 Hours Lecture) O, Home Economics, DE. TOP Code: 0501.00 – Business and Commerce, General*. SAM Code: D. Discipline: Business or Accounting. (Start Date: Fall 2020)

- **Course Modifications:**
  - **AUTO C1 (Automotive Service Consultant)**- 3 Units, 3 Units Lecture) O, 1X, DE, CSU T. TOP Code: 0948.00- Automotive Technology*. SAM Code: C. Discipline: Automotive Technology. (Start Date: Fall 2020)
  - **AUTO INTR (Automotive Service and Introduction)**- 4 Units, 2 Units Lecture, 2 Units Lab) O, 1X, CSU T. TOP Code: 0948.00- Automotive Technology*. SAM Code: C. Discipline: Automotive Technology. (Start Date: Fall 2020)
  - **AUTO L1L2 (Smog Level One and Level Two)**- 5.5 Units, 5 Units Lecture, 0.5 Units Lab) O, 1X, CSU T. TOP Code: 0948.00- Automotive Technology*. SAM Code: B. Discipline: Automotive Technology. (Start Date: Fall 2020)
  - **AUTO LABA (Automotive Lab)**- 2 Units, 2 Units Lab) O, 1X, CSU T. Prerequisite: AUTO INTR with a minimum grade of C (May be taken concurrently) or NAUT INTR with a minimum grade of C (May be taken concurrently). TOP Code: 0948.00- Automotive Technology*. SAM Code: C. Discipline: Automotive Technology. (Start Date: Fall 2020)
  - **AUTO LABB (Automotive Lab Advanced)**- 2 Units, 2 Units Lab) O, 1X, CSU T. Prerequisite: AUTO INTR with a minimum grade of C or NAUT INTR with a minimum grade of C, AUTO LABA with a minimum grade of C or NAUT LABA with a minimum grade of C. TOP Code: 0948.00- Automotive Technology*. SAM Code: C. Discipline: Automotive Technology. (Start Date: Fall 2020)
  - **AUTO SDR (Specified Diagnostic and Repair)**- 5 Units, 4 Units Lecture, 1 Units Lab) O, 1X, CSU T. TOP Code: 0948.00- Automotive Technology*. SAM Code: C. Discipline: Automotive Technology. (Start Date: Fall 2020)
  - **BIO 2A (Bioinformatics)**- 4 Units, 3 Units Lecture, 1 Unit Lab) GR, 1X, CSU T. Prerequisite: BIO 30 with a minimum grade of C or BIO 1C with a minimum grade of C (This course has a pre-requisite of CHEM 1A), CS 7 with a minimum grade of C, MATH 40 with a minimum grade of C. TOP Code: 4902.00 – Biological and Physical Sciences (and Mathematics). SAM Code: E. Discipline: Biological Sciences. (Start Date: Fall 2020)
  - **BIO 50 (Anatomy and Physiology)**- 4 Units, 3 Units Lecture, 1 Unit Lab) GR, 1X, DE, AA/AS GE: Natural Sciences, CSU T/GE: B2/B3, UC T, IGETC: SB/SC. TOP Code: 0410.00 – Anatomy and Physiology. SAM Code: E. Discipline: Biological Sciences. (Start Date: Summer 2020)
• **BUSN 1A (Financial Accounting)** – 4 Units, 4 Units Lecture, No Unit Value Lab) GR, 1X, DE, CSU T, UC T, C-ID# ACCT 110. TOP Code: 0502.00 – Accounting*. SAM Code: C. Discipline: Accounting. (Start Date: Fall 2020)

• **BUSN 1B (Managerial Accounting)** – 4 Units, 4 Units Lecture, No Unit Value Lab) GR, 1X, DE, CSU T, UC T, C-ID# ACCT 120. Prerequisite: BUSN 1A with a minimum grade of C. TOP Code: 0502.00 – Accounting*. SAM Code: C. Discipline: Accounting. (Start Date: Fall 2020)


• **BUSN 53 (Business Correspondence)** – 3 Units, 3 Units Lecture) O, 1X, DE, CSU T. Strongly Recommended: ENG 1A with a minimum grade of C or ENG 1AEX with a minimum grade of C. TOP Code: 0505.00 – Business Administration*. SAM Code: C. Discipline: Business or Management. (Start Date: Fall 2020)

• **BUSN 55 (Business Mathematics)** – 3 Units, 3 Units Lecture) O, 1X, DE, CSU T. TOP Code: 0505.00 – Business Administration*. SAM Code: D. Discipline: Business. (Start Date: Fall 2020)

• **CIS 43 (Professional Communications)** - 3 Units, 3 Units Lecture) O, 1X, DE, CSU T, C-ID# BUS 115. Prerequisite: ENG 1A with a minimum grade of C or ENG 1AEX with a minimum grade of C. TOP Code: 0701.00- Information Technology, General*. SAM Code: C. Discipline: Computer Information Systems or Computer Science or Computer Service Technology. (Start Date: Fall 2020)

• **CIS 50 (Introduction to Computing Information Technology)** - 3 Units, 3 Units Lecture, No Unit Value Lab) O, 1X, DE, AA/AS GE: Communications and Analytical Thinking, CSU T, UC T, C-ID# BUS 140. TOP Code: 0702.00- Computer Information Technology*. SAM Code: C. Discipline: Computer Information Systems. (Start Date: Fall 2020)

• **CIS 60 (Systems Analysis and Design)** - 3 Units, 3 Units Lecture, No Unit Value Lab) O, 1X, DE, CSU T, C-ID# ITIS 140. Strongly Recommended: CIS 50 with a minimum grade of C. TOP Code: 0707.30- Computer Systems Analysis*. SAM Code: C. Discipline: Computer Information Systems. (Start Date: Fall 2020)

• **CIS 62 (Project Management)** - 3 Units, 3 Units Lecture, No Unit Value Lab) O, 1X, DE, CSU T. Strongly Recommended: CIS 60 with a minimum grade of C. TOP Code: 0702.00 – Computer Information Systems*. SAM Code: C. Discipline: Computer Information Systems. (Start Date: Fall 2020)

• **CIS 9003 (ORACLE: Database Programming with PL/SQL)** - 3 Units, 2.5 Units Lecture, .5 Units Lab) O, 1X, DE, CSU T. Strongly Recommended: CIS 9002 with a minimum grade of C. TOP Code: 0707.10 – Computer Programming*. SAM Code: C. Discipline: Computer Information Systems. (Start Date: Fall 2020)

• **CNT 43 (Professional Communications)** - 3 Units, 3 Units Lecture) O, 1X, DE, CSU T, C-ID# BUS 115. Prerequisite: ENG 1A with a minimum grade of C or ENG 1AEX with a minimum grade of C. TOP Code: 0701.00- Information Technology, General*. SAM Code: C. Discipline: Computer Information Systems or Computer Science or Computer Service Technology. (Start Date: Fall 2020)

• **CNT 7401 (Introduction to Linux/LPI Linux+ Certification)** - 3 Units, 2.5 Units Lecture, .5 Units Lab) O, 1X, DE, CSU T. Strongly Recommended: CIS 50 with a minimum grade of C. TOP Code: 0702.00- Computer Information Systems*. SAM Code: C. Discipline: Computer Service Technology or Computer Science. (Start Date: Fall 2020)

• **CNT 8001 (Cisco CCNA 1/3 Introduction to Networks (ITN))** - 3 Units, 2.5 Units Lecture, .5 Units Lab) O, 1X, DE, CSU T, C-ID# ITIS 150. Strongly Recommended: CIS 50 with a minimum grade of
C. TOP Code: 0708.00 – Computer Infrastructure and Support*. SAM Code: C. Discipline: Computer Service Technology. (Start Date: Fall 2020)

- **CNT 8002 (Cisco CCNA 2/3 Switching, Routing, and Wireless Essentials (SRWE))** - 3 Units, 2.5 Units Lecture, .5 Units Lab) O, 1X, DE, CSU T, C-ID# ITIS 151. Strongly Recommended: CNT 8001 with a minimum grade of C. TOP Code: 0708.00 – Computer Infrastructure and Support*. SAM Code: C. Discipline: Computer Service Technology. (Start Date: Fall 2020)

- **CNT 8003 (Cisco CCNA3 3/3 – Enterprise Networking, Security, and Automation v7.0 (ENSA))** - 3 Units, 2.5 Units Lecture, .5 Units Lab) O, 1X, DE, CSU T, C-ID# ITIS 150. Strongly Recommended: CNT 8002 with a minimum grade of C. TOP Code: 0708.00 – Computer Infrastructure and Support*. SAM Code: C. Discipline: Computer Service Technology. (Start Date: Fall 2020)

- **CS 1 (Computing Fundamentals I)** - 4 Units, 3 Units Lecture, 1 Unit Lab) O, 1X, DE, AA/AS GE: Communications and Analytical Thinking, CSU T, UCT, C-ID# COMP 122. Strongly Recommended: MATH 107 with a minimum grade of C, CS 7 with a minimum grade C. TOP Code: 0706.00 – Computer Science (Transfer). SAM Code: E. Discipline: Computer Science. (Start Date: Fall 2020)

- **CS 2 (Computing Fundamentals II)** - 4 Units, 3 Units Lecture, 1 Unit Lab) O, 1X, DE, CSU T, UCT, C-ID# COMP 132. Prerequisite: CS 1 with a minimum grade of C. TOP Code: 0706.00 – Computer Science (Transfer). SAM Code: E. Discipline: Computer Science. (Start Date: Fall 2020)

- **CS 7 (Introduction to Computer Programming Concepts)** - 3 Units, 2.5 Units Lecture, .5 Units Lab) O, 1X, DE, CSU T, UC T, C-ID# COMP 112. TOP Code: 0706.00- Computer Science (transfer). SAM Code: E. Discipline: Computer Science. (Start Date: Fall 2020)

- **CS 31 (Java Programming)** - 4 Units, 3 Units Lecture, 1 Unit Lab) O, 1X, DE, CSU T, UC T. Strongly Recommended: CS 1 with a minimum grade of C and CS 7 with a minimum grade of C. TOP Code: 0707.10 – Computer Programming*. SAM Code: B. Discipline: Computer Science. (Start Date: Fall 2020)

- **CS 41 (Introduction to Linux/LPI Linux+ Certification)** - 3 Units, 2.5 Units Lecture, .5 Units Lab) O, 1X, CSU T. Strongly Recommended: CIS 50 with a minimum grade of C. TOP Code: 0702.00- Computer Information Systems*. SAM Code: C. Discipline: Computer Service Technology or Computer Science. (Start Date: Fall 2020)

- **CS 43 (Professional Communications)** - 3 Units, 3 Units Lecture) O, 1X, DE, CSU T, C-ID# BUS 115. Prerequisite: ENG 1A with a minimum grade of C or ENG 1AEX with a minimum grade of C. TOP Code: 0701.00- Information Technology, General*. SAM Code: C. Discipline: Computer Information Systems or Computer Science or Computer Service Technology. (Start Date: Fall 2020)

- **CS 47 (Capstone Project)** - 3 Units, 1 Unit Lecture, 2 Units Lab) O, 1X, DE, CSU T. Strongly Recommended: CS 1 with a minimum grade of C or CS 31 with a minimum grade of C, CNT 52 with a minimum grade of C, CNT 52 with a minimum grade of C, CIS 43 with a minimum grade of C, CIS 60 with a minimum grade of C, CIS 62 with a minimum grade of C, CS 45 with a minimum grade of C. TOP Code: 0706.00 – Computer Science (transfer). SAM Code: E. Discipline: Computer Science. (Start Date: Fall 2020)

- **EMS 70 (CPR for Health Care Providers)** - 0.5 Units, 0.5 Units Lecture) P/NP, 1X, CSU T. TOP Code: 1250.00-Emergency Medical Services*. SAM Code: D. Discipline: Emergency Medical Technologies. (Start Date: Fall 2020)

- **ENG 13A (The Craft of Writing Poetry: Beginning)** - 3 Units, 3 Units Lecture) O, 1X, AA/AS GE: Humanities, CSU T/GE: C2. Strongly Recommended: ENG 11 with a minimum grade of C or ENG 1A with a minimum grade of C or ENG 1AEX with a minimum grade of C. TOP Code: 1507.00-Creative Writing. SAM Code: E. Discipline: English. (Start Date: Fall 2020)

- **ENGR 1 (Introduction to Engineering)** - 2 Units, 2 Units Lecture) O, 1X, CSU T, UC T. Strongly Recommended: Eligibility for ENG 1A/1AEX with a minimum grade of C. TOP Code: 0901.00 –
Engineering, General (requires Calculus) (Transfer). SAM Code: E. Discipline: Engineering. (Start Date: Fall 2020)

- **ENGR 23 (Engineering Graphics)** - 3 Units, 2 Units Lecture, 1 Units Lab) GR, 1X, CSU T, UC T. Strongly Recommended: MATH 39 with a minimum grade of C, ENG 1A with a minimum grade of C or ENG 1AEX with a minimum grade of C. TOP Code: 0901.00 – Engineering, General (requires Calculus) (Transfer). SAM Code: E. Discipline: Engineering. (Start Date: Fall 2020)

- **ENGR 26 (Computational Methods for Engineers and Scientists)** - 3 Units, 2 Units Lecture, 1 Unit Lab) GR, 1X, CSU T, UC T, C-ID# ENGR 220. Prerequisite: MATH 1 with a minimum grade of C. Strongly Recommended: CS 7 with a minimum grade of C. TOP Code: 0901.00 – Engineering, General (requires Calculus) (Transfer). SAM Code: E. Discipline: Engineering. (Start Date: Fall 2020)

- **FST 2 (Principles of Fire and Emergency Services Safety and Survival)** - 3 Units, 3 Units Lecture) GR, 1X, DE, CSU T, C-ID# FIRE 150. TOP Code: 2133.00 – Fire Technology*. SAM Code: C. Discipline: Fire Technology. (Start Date: Fall 2020)

- **FST 3 (Fire Behavior and Combustion)** - 3 Units, 3 Units Lecture) GR, 1X, DE, CSU T, C-ID# FIRE 140. TOP Code: 2133.00 – Fire Technology*. SAM Code: C. Discipline: Fire Technology. (Start Date: Fall 2020)

- **FST 7 (Fire Service Conditioning & Physical Agility Development)** - 1 Unit, 1 Unit Lab) GR, 1X, AA/AS GE: Kinesiology, CSU T/GE: F, UC T. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Fire Technology. (Start Date: Fall 2020)

- **FST 8 (Fire Strategy and Tactics)** - 3 Units, 3 Units Lecture) GR, 1X, DE, CSU T. TOP Code: 2133.00 – Fire Technology*. SAM Code: C. Discipline: Fire Technology. (Start Date: Fall 2020)

- **HORT 50 (Introduction to Horticulture)** - 3 Units, 2.5 Units Lecture, .5 Units Lab) O, 1X, CSU T. TOP Code: 0109.00 – Horticulture*. SAM Code: C. Discipline: Ornamental Horticulture. (Start Date: Fall 2020)

- **HORT 51 (Fall Plant Materials Identification)** - 3 Units, 2.5 Units Lecture, .5 Units Lab) O, 1X, CSU T. TOP Code: 0109.00 – Horticulture*. SAM Code: C. Discipline: Ornamental Horticulture. (Start Date: Fall 2020)

- **HORT 52 (Spring Plant Material Identification)** - 3 Units, 2.5 Units Lecture, .5 Units Lab) O, 1X, CSU T. TOP Code: 0109.00 – Horticulture*. SAM Code: C. Discipline: Ornamental Horticulture. (Start Date: Fall 2020)

- **HORT 56 (Arboriculture/Urban Forestry)** - 3 Units, 2.5 Units Lecture, .5 Units Lab) O, 1X, CSU T. TOP Code: 0109.10 – Landscape Design and Maintenance*. SAM Code: C. Discipline: Ornamental Horticulture. (Start Date: Fall 2020)

- **HORT 57 (Landscape and Turfgrass Management)** - 2 Units, 1.5 Units Lecture, .5 Units Lab) O, 1X, CSU T. TOP Code: 0109.40 – Turfgrass Technology*. SAM Code: C. Discipline: Ornamental Horticulture. (Start Date: Fall 2020)

- **HORT 71 (Fundamentals of Hydroponics and Aquaponics)** - 2 Units, 1.5 Units Lecture, .5 Units Lab) O, 1X, CSU T. TOP Code: 0109.00 – Horticulture*. SAM Code: C. Discipline: Agricultural Production. (Start Date: Fall 2020)

- **HORT 73 (Computer Aided Design)** - 3 Units, 2 Units Lecture, 1 Unit Lab) O, 1X, CSU T. TOP Code: 0109.00 – Horticulture*. SAM Code: C. Discipline: Ornamental Horticulture or Interior Design. (Start Date: Fall 2020)

- **INTD 40 (Computer Aided Design)** - 3 Units, 2 Units Lecture, 1 Unit Lab) O, 1X, CSU T. TOP Code: 1302.00 – Interior Design and Merchandising*. SAM Code: C. Discipline: Ornamental Horticulture or Interior Design. (Start Date: Fall 2020)
• KIN BX2 (Box Aerobics 2) - 1 Unit, 1 Unit Lab) O, 1X, AA/AS GE: Kinesiology, CSU T/ GE: E, UC T. Strongly Recommended: KIN BX1 with a minimum grade of C. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Physical Education. (Start Date: Fall 2020)

• KIN CYCL3 (Cycling 3) - 1 Unit, 1 Unit Lab) O, 1X, AA/AS GE: Kinesiology, CSU T/ GE: E, UC T. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Physical Education. (Start Date: Fall 2020)

• KIN DV1 (Springboard Diving) - 1 Unit, 1 Unit Lab) O, 1X, AA/AS GE: Kinesiology, CSU T/ GE: E, UC T. Strongly Recommended: KIN SW1 with a minimum grade of C. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Physical Education. (Start Date: Fall 2020)

• KIN ETD1 (Eskrima – Tenio DeCuerdas 1) - 1 Unit, 1 Unit Lab) O, 1X, AA/AS GE: Kinesiology, CSU T/ GE: E, UC T. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Martial Arts/Self-Defense. (Start Date: Fall 2020)

• KIN ETD2 (Eskrima – Tenio DeCuerdas 2) - 1 Unit, 1 Unit Lab) O, 1X, AA/AS GE: Kinesiology, CSU T/ GE: E, UC T. Strongly Recommended: KIN ETD1 with a minimum grade of C. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Martial Arts/Self-Defense. (Start Date: Fall 2020)

• KIN ETD3 (Eskrima – Tenio DeCuerdas 3) - 1 Unit, 1 Unit Lab) O, 1X, AA/AS GE: Kinesiology, CSU T/ GE: E, UC T. Strongly Recommended: KIN ETD2 with a minimum grade of C. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Martial Arts/Self-Defense. (Start Date: Fall 2020)

• KIN ETD4 (Eskrima – Tenio DeCuerdas 4) - 1 Unit, 1 Unit Lab) O, 1X, AA/AS GE: Kinesiology, CSU T/ GE: E, UC T. Strongly Recommended: KIN ETD3 with a minimum grade of C. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Martial Arts/Self-Defense. (Start Date: Fall 2020)

• KIN FC (Fitness Center) - 1 Unit, 1 Unit Lab) O, 1X, AA/AS GE: Kinesiology, CSU T/ GE: E, UC T. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Physical Education. (Start Date: Fall 2020)

• KIN FD (Fitness Development) - 1 Unit, 1 Unit Lab) O, 1X, AA/AS GE: Kinesiology, CSU T/ GE: E, UC T. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Physical Education. (Start Date: Fall 2020)

• KIN FNE1 (Fencing-Epee 1) - 1 Unit, 1 Unit Lab) O, 1X, AA/AS GE: Kinesiology, CSU T/ GE: E, UC T. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Physical Education. (Start Date: Fall 2020)

• KIN FNE2 (Fencing-Epee 2) - 1 Unit, 1 Unit Lab) O, 1X, AA/AS GE: Kinesiology, CSU T/ GE: E, UC T. Strongly Recommended: KIN FNE1 with a minimum grade of C (Footwork movements (advance, retreat, and lunge) must be correct and controlled). TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Physical Education. (Start Date: Fall 2020)

• KIN FNF1 (Fencing-Foil 1) - 1 Unit, 1 Unit Lab) O, 1X, AA/AS GE: Kinesiology, CSU T/ GE: E, UC T. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Physical Education. (Start Date: Fall 2020)

• KIN FNF2 (Fencing-Foil 2) - 1 Unit, 1 Unit Lab) O, 1X, AA/AS GE: Kinesiology, CSU T/ GE: E, UC T. Strongly Recommended: KIN FNF1 with a minimum grade of C (Footwork movements (advance, retreat, and lunge) must be correct and controlled). TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Physical Education. (Start Date: Fall 2020)

• KIN GF2 (Golf 2) - 1 Unit, 1 Unit Lab) O, 1X, AA/AS GE: Kinesiology, CSU T/ GE: E, UC T. Strongly Recommended: GF1 with a minimum grade of C. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Physical Education. (Start Date: Fall 2020)
- **KIN GF3 (Golf 3 - 1 Unit, 1 Unit Lab)** O, 1X, AA/AS GE: Kinesiology, CSU T/ GE: E, UC T. Strongly Recommended: GF2 with a minimum grade of C. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Physical Education. (Start Date: Fall 2020)

- **KIN OM1 (Optimal Movement 1 - 1 Unit, 1 Unit Lab)** O, 1X, AA/AS GE: Kinesiology, CSU T/ GE: E, UC T. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Physical Education. (Start Date: Fall 2020)

- **KIN SD1 (Salsa Dance Aerobics 1 - 1 Unit, 1 Unit Lab)** O, 1X, AA/AS GE: Kinesiology, CSU T/ GE: E, UC T. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Physical Education. (Start Date: Fall 2020)

- **KIN SI1 (Soccer – Indoor 1 - 1 Unit, 1 Unit Lab)** O, 1X, AA/AS GE: Kinesiology, CSU T/ GE: E, UC T. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Physical Education. (Start Date: Fall 2020)

- **KIN SI2 (Soccer – Indoor 2 - 1 Unit, 1 Unit Lab)** O, 1X, AA/AS GE: Kinesiology, CSU T/ GE: E, UC T. Strongly Recommended: KIN SI1 with a minimum grade of C. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Physical Education. (Start Date: Fall 2020)

- **KIN SO1 (Soccer – Outdoor 1 - 1 Unit, 1 Unit Lab)** O, 1X, AA/AS GE: Kinesiology, CSU T/ GE: E, UC T. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Physical Education. (Start Date: Fall 2020)

- **KIN SO2 (Soccer – Outdoor 2 - 1 Unit, 1 Unit Lab)** O, 1X, AA/AS GE: Kinesiology, CSU T/ GE: E, UC T. Strongly Recommended: KIN SO1 with a minimum grade of C. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Physical Education. (Start Date: Fall 2020)

- **KIN TK1 (Tae Kwon Do 1 - 1 Unit, 1 Unit Lab)** O, 1X, AA/AS GE: Kinesiology, CSU T/ GE: E, UC T. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Martial Arts/Self-Defense. (Start Date: Fall 2020)

- **KIN TK2 (Tae Kwon Do 2 - 1 Unit, 1 Unit Lab)** O, 1X, AA/AS GE: Kinesiology, CSU T/ GE: E, UC T. Strongly Recommended: KIN TK1 with a minimum grade of C. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Martial Arts/ Self- Defense. (Start Date: Fall 2020)

- **KIN TK3 (Tae Kwon Do 3 - 1 Unit, 1 Unit Lab)** O, 1X, AA/AS GE: Kinesiology, CSU T/ GE: E, UC T. Strongly Recommended: KIN TK2 with a minimum grade of C. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Martial Arts/ Self- Defense. (Start Date: Fall 2020)

- **KIN UF1 (Ultimate Frisbee 1 - 1 Unit, 1 Unit Lab)** O, 1X, AA/AS GE: Kinesiology, CSU T/ GE: E, UC T. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Physical Education. (Start Date: Fall 2020)

- **KIN UF2 (Ultimate Frisbee 2 - 1 Unit, 1 Unit Lab)** O, 1X, AA/AS GE: Kinesiology, CSU T/ GE: E, UC T. Strongly Recommended: KIN UF1 with a minimum grade of C. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Physical Education. (Start Date: Fall 2020)

- **KIN UF3 (Ultimate Frisbee 3 - 1 Unit, 1 Unit Lab)** O, 1X, AA/AS GE: Kinesiology, CSU T/ GE: E, UC T. Strongly Recommended: KIN UF2 with a minimum grade of C. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Physical Education. (Start Date: Fall 2020)

- **KIN UF4 (Ultimate Frisbee 4 - 1 Unit, 1 Unit Lab)** O, 1X, AA/AS GE: Kinesiology, CSU T/ GE: E, UC T. Strongly Recommended: KIN UF3 with a minimum grade of C. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Physical Education. (Start Date: Fall 2020)

- **KIN VB1 (Volleyball Beginning - 1 Unit, 1 Unit Lab)** O, 1X, AA/AS GE: Kinesiology, CSU T/ GE: E, UC T. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Physical Education. (Start Date: Fall 2020)
• KIN VB2 (Volleyball Intermediate) - 1 Unit, 1 Unit Lab) O, 1X, AA/AS GE: Kinesiology, CSU T/GE: E, UC T. Strongly Recommended: KIN VB1 with a minimum grade of C. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Physical Education. (Start Date: Fall 2020)

• KIN VB3 (Volleyball Advanced) - 1 Unit, 1 Unit Lab) O, 1X, AA/AS GE: Kinesiology, CSU T/GE: E, UC T. Strongly Recommended: KIN VB2 with a minimum grade of C. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Physical Education. (Start Date: Fall 2020)

• KIN YO3 (Yoga 3) - 1 Unit, 1 Unit Lab) O, 1X, AA/AS GE: Kinesiology, CSU T/GE: E, UC T. Strongly Recommended: KIN YO1 with a minimum grade of C, KIN YO2 with a minimum grade of C. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Physical Education. (Start Date: Fall 2020)

• KIN YO4 (Yoga 4) - 1 Unit, 1 Unit Lab) O, 1X, AA/AS GE: Kinesiology, CSU T/GE: E, UC T. Strongly Recommended: KIN YO3 with a minimum grade of C. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Physical Education. (Start Date: Fall 2020)

• KIN ZUM1 (Zumba Fitness Workout 1) - 1 Unit, 1 Unit Lab) GR, 1X, AA/AS GE: Kinesiology, CSU T/GE: E, UC T. TOP Code: 0835.00 – Physical Education. SAM Code: E. Discipline: Physical Education. (Start Date: Fall 2020)

• MUS 22B (Scoring for Film and Multimedia) - 3 Units, 3 Units Lecture) O, 1X. CSU T, UC T. Prerequisite: MUS 22A with a minimum grade of C. Strongly Recommended: MUS 36 with a minimum grade of C. TOP Code: 1005.00 – Commercial Music*. SAM Code: B. Discipline: Music. (Start Date: Fall 2020)

• MUS 44 (Concert Choir) - 1 Unit, 1 Unit Lab) O, 4X, AA/AS GE: Humanities, CSU T, UC T, C-ID# MUS 180. TOP Code: 1004.00 – Music. SAM Code: E. Discipline: Music. (Start Date: Fall 2020)

• MUS 45 (Chamber Choir) - 2 Units, .5 Units Lecture, 1.5 Unit Lab) O, 4X, AA/AS GE: Humanities, CSU T, UC T, C-ID# MUS 180. Strongly Recommended: MUS 6 with a minimum grade C, MUS 44 with a minimum grade of C. TOP Code: 1004.00 – Music. SAM Code: E. Discipline: Music. (Start Date: Fall 2020)

• MUS 46 (Vocal Jazz Ensemble) - 2 Units, .5 Units Lecture, 1.5 Unit Lab) O, 4X, AA/AS GE: Humanities, CSU T, UC T, C-ID# MUS 180. Strongly Recommended: MUS 6 with a minimum grade C, MUS 44 with a minimum grade of C. TOP Code: 1004.00 – Music. SAM Code: E. Discipline: Music. (Start Date: Fall 2020)


• PSYC 25 (Research Methods) - 4 Units, 3 Units Lecture, 1 Unit Lab) O, 1X, DE, AA/AS GE: Social and Behavioral Sciences, CSU T/GE: D, UC T, IGETC: 4, C-ID# PSY 200, 205B. Prerequisite: PSYC 1 with a minimum grade of C, MATH 40 with a minimum grade of C. TOP Code: 2001.00 – Psychology, General. SAM Code: E. Discipline: Psychology. (Start Date: Fall 2021)

• THEA 1A (Theory/Practice of Acting I) - 3 Units, 3 Units Lecture) GR, 1X, AA/AS: Humanities, CSU T/GE: C1, E, UC T, C-ID# THTR 151. Strongly Recommended: ENG 1A with a minimum grade of C or ENG 1AEX with a minimum grade of C. TOP Code: 1007.00 – Dramatic Arts. SAM Code: E. Discipline: Drama/Theater Arts. (Start Date: Fall 2020)

• THEA 1B (Theory/Practice of Acting II) - 3 Units, 3 Units Lecture) GR, 1X, AA/AS: Humanities, CSU T UC T, C-ID# THTR 152. Prerequisite: THEA 1A with a minimum grade of C or equivalent acting class or acting performance experience. TOP Code: 1007.00 – Dramatic Arts. SAM Code: E. Discipline: Drama/Theater Arts. (Start Date: Fall 2020)

• THEA 3A (Beginning Improvisation) - 3 Units, 3 Units Lecture) O, 1X, CSU T, UC T. TOP Code: 1007.00 – Dramatic Arts. SAM Code: E. Discipline: Drama/Theater Arts. (Start Date: Fall 2020)
• THEA 3B (Intermediate Improvisation) - 3 Units, 3 Units Lecture) O, 1X, CSU T, UC T. Prerequisite: THEA 3A with a minimum grade of C. TOP Code: 1007.00 – Dramatic Arts. SAM Code: E. Discipline: Drama/Theater Arts. (Start Date: Fall 2020)

• THEA 3C (Improvisation in Performance) - 3 Units, 3 Units Lecture) O, 1X, CSU T, UC T. Prerequisite: THEA 3B with a minimum grade of C. TOP Code: 1007.00 – Dramatic Arts. SAM Code: E. Discipline: Drama/Theater Arts. (Start Date: Fall 2020)

• THEA 31C (Drama Workshop – Technical Theater) - 3 Units, 2 Units Lecture, 1 Unit Lab) GR, 1X, CSU T, UC T. Prerequisite: THEA 50 with a minimum grade of C (May be taken concurrently). Strongly Recommended: THEA 48A with a minimum grade of C. TOP Code: 1006.00 – Technical Theater*. SAM Code: C. Discipline: Stagecraft or Drama/Theater Arts. (Start Date: Fall 2020)

• THEA 47A (Performance in Production: Introduction to Live Performance) - 3 Units, 2 Units Lecture, 1 Unit Lab) GR, 1X, CSU T, UC T, C-ID# THTR 191. TOP Code: 1007.00 – Dramatic Arts. SAM Code: E. Discipline: Drama/Theater Arts. (Start Date: Fall 2020)

• THEA 47B (Performance in Production: Beginning) - 3 Units, 2 Units Lecture, 1 Unit Lab) GR, 1X, CSU T, UC T. Prerequisite: THEA 47A with a minimum grade of C. Strongly Recommended: MATH 107 with a minimum grade of C. TOP Code: 1006.00 – Technical Theater*. SAM Code: C. Discipline: Stagecraft. (Start Date: Fall 2020)

• THEA 47C (Performance in Production: Intermediate) - 3 Units, 2 Units Lecture, 1 Unit Lab) GR, 1X, CSU T, UC T. Prerequisite: THEA 47B with a minimum grade of C. TOP Code: 1006.00 – Technical Theater*. SAM Code: C. Discipline: Stagecraft or Drama/Theater Arts. (Start Date: Fall 2020)

• THEA 47D (Performance in Production: Advanced) - 3 Units, 2 Units Lecture, 1 Unit Lab) GR, 1X, CSU T, UC T. Prerequisite: THEA 48B with a minimum grade of C and THEA 50L with a minimum grade of C or MUS 35 with a minimum grade of C or THEA 52 with a minimum grade of C. Strongly Recommended: MATH 107 with a minimum grade of C or MATH 107B with a minimum grade of C. TOP Code: 1006.00 – Technical Theater*. SAM Code: B. Discipline: Stagecraft or Drama/Theater Arts. (Start Date: Fall 2020)

• THEA 48A (Technical Theater in Production: Beginning) - 3 Units, 1 Unit Lecture, 2 Unit Lab) O, 1X, CSU T, UC T, C-ID# THTR 192. Strongly Recommended: MATH 107 with a minimum grade of C, THEA 50 with a minimum grade of C or MUS 35 with a minimum grade of C or MUS 35 with a minimum grade of C. TOP Code: 1006.00 – Technical Theater*. SAM Code: C. Discipline: Stagecraft. (Start Date: Fall 2020)

• THEA 48B (Technical Theater in Production: Intermediate) - 3 Units, 1 Unit Lecture, 2 Unit Lab) O, 1X, CSU T, UC T. Prerequisite: THEA 48A with a minimum grade of C and THEA 50L with a minimum grade of C or THEA 51 with a minimum grade of C or MUS 35 with a minimum grade of C or THEA 52 with a minimum grade of C. Strongly Recommended: MATH 107 with a minimum grade of C or MATH 107B with a minimum grade of C. TOP Code: 1006.00 – Technical Theater*. SAM Code: B. Discipline: Stagecraft or Drama/Theater Arts. (Start Date: Fall 2020)

• THEA 48C (Technical Theater in Production: Advanced) - 3 Units, 1 Unit Lecture, 2 Unit Lab) O, 1X, CSU T, UC T. Prerequisite: THEA 48B with a minimum grade of C and THEA 50L with a minimum grade of C or THEA 51 with a minimum grade of C or MUS 35 with a minimum grade of C or THEA 52 with a minimum grade of C. TOP Code: 1006.00 – Technical Theater*. SAM Code: B. Discipline: Stagecraft or Drama/Theater Arts. (Start Date: Fall 2020)

• THEA 48D (Technical Theater in Production: Apprenticeship) - 3 Units, 1 Unit Lecture, 2 Unit Lab) O, 1X, CSU T, UC T. Prerequisite: THEA 48C with a minimum grade of C and THEA 50L with a minimum grade of C or THEA 51 with a minimum grade of C or MUS 35 with a minimum grade of C or THEA 52 with a minimum grade of C. TOP Code: 1006.00 – Technical Theater*. SAM Code: B. Discipline: Stagecraft or Drama/Theater Arts. (Start Date: Fall 2020)

• THEA 51 (Introduction to Costume Design) - 3 Units, 2 Units Lecture, 1 Unit Lab) GR, 1X, CSU T/GE: C1, UC T, C-ID# THTR 174. Strongly Recommended: THEA 50 with a minimum grade of C. TOP Code: 1006.00 – Technical Theater*. SAM Code: C. Discipline: Stagecraft. (Start Date: Fall 2020)
- **THEA 52 (Introduction to Design - 3 Units, 2.5 Units Lecture, .5 Units Lab)** O, 1X, AA/AS GE: Humanities, CSU T/GE: C1, UC T, IGETC: 3A, C-ID# THTR 172. TOP Code: 1006.00 – Technical Theater*. Sam Code: C. Discipline: Drama/Theater Arts or Stagecraft. (Start Date: Fall 2020)

- **THEA 53 (Script Analysis - 3 Units, 3 Units Lecture)** O, 1X, AA GE: Writing and Critical Thinking, CSU T/GE: A3, C1, C2, UC T, IGETC: 1B, 3A, 3B, C-ID# THTR 114. Prerequisite: ENG 1A with a minimum grade of C or ENG 1AEX with a minimum grade of C. TOP Code: 1007.00 – Dramatic Arts. SAM Code: E. Discipline: Drama/Theater Arts. (Start Date: Fall 2021)

- **THEA 59 (Acting for the Camera II / Voice Over - 3 Units, 3 Units Lecture)** GR, 1X, CSU T, UC T. Prerequisite: THEA 56 with a minimum grade of C. TOP Code: 1007.00 – Dramatic Arts. SAM Code: E. Discipline: Drama/Theater Arts. (Start Date: Fall 2020)

- **WLDT 10 (Machining for the Metal Trades - 4 Units, 2 Units Lecture, 2 Units Lab)** O, 1X, CSU T. TOP Code: 0956.50 – Welding Technology*. SAM Code: C. Discipline: Welding. (Start Date: Fall 2020)

- **CSU T & GE Proposals:**
  - AJ 78: Introduction to Probation and Parole- AA/AS GE: Social and Behavioral Sciences
  - ANTR 1L: Biological Anthropology Lab- AA/AS GE: Natural Sciences
  - ANTR 2L: Archaeology Field Lab- AA/AS GE: Natural Sciences
  - ARTS 4B: Intermediate Ceramics- CSU T
  - CHEM 1B: General College Chemistry II- AA/AS GE: Natural Sciences
  - CHEM 12A: Organic Chemistry I- AA/AS GE: Natural Sciences
  - CHEM 12B: Organic Chemistry II- AA/AS GE: Natural Sciences
  - CHEM 30B: Intro to Applied Chemistry II- AA/AS GE: Natural Sciences
  - CMST 4: Intro. to Communication Studies- AA/AS GE: Social and Behavioral Sciences
  - CMST 10: Interpersonal Communication- AA/AS GE: Social and Behavioral Sciences
  - CMST 11: Intercultural Communication- AA/AS GE: Social and Behavioral Sciences
  - CMST 46: Argumentation and Debate - AA/AS GE: Writing and Critical Thinking
  - ECE 56: Child Growth and Development- AA/AS GE: Social and Behavioral Sciences
  - ECE 61: Literature for the Young Child- AA/AS GE: Humanities
  - EMS 16: Paramedic Clinical Occupational Work Experience- CSU T
  - EMS 17: Paramedic Capstone Occupational Work Experience- CSU T
  - ENG 4: Critical Thinking and Writing about Literature- AA/AS GE: Humanities
  - ENG 7: Critical Thinking and Writing across Disciplines- AA/AS GE: Humanities
  - ENG 12C: Craft of Writing Fiction: Advanced- AA/AS GE: Humanities, CSU T
  - ENG 44: Literature of the American West- AA/AS GE: Social and Behavioral Sciences
  - ESL 1A: Critical Reading and Composition for ESL- AA/AS GE: English Composition, CSU T
  - FREN 2B: Intermediate French II- AA/AS GE: Humanities
  - GEOG 12: Geography of California- AA/AS GE: Natural Sciences
  - HLTH 3: Women’s Health- AA/AS GE: Social and Behavioral Sciences
  - HLTH 7: Introduction to Public Health- AA/AS GE: Social and Behavioral Sciences
- HLTH 11: Health and Social Justice- AA/AS GE: Social and Behavioral Sciences
- HIST 1: Western Civilization to 1600- AA/AS GE: Social and Behavioral Sciences
- HIST 2: Western Civilization since 1600- AA/AS GE: Social and Behavioral Sciences
- HIST 7: US History Through Reconstruction- AA/AS GE: Humanities & Social and Behavioral Sciences
- HIST 8: US History Post-Reconstruction- AA/AS GE: Humanities & Social and Behavioral Sciences
- KIN 24: Sports Psychology- AA/AS GE: Kinesiology
- KIN 26A: Coaching Youth Soccer- AA/AS GE: Kinesiology
- KIN 32A: Fall Intercollegiate Men’s Basketball- AA/AS GE: Kinesiology, CSU T
- KIN 32B: Spring Intercollegiate Men’s Basketball- AA/AS GE: Kinesiology, CSU T
- KIN 61A: Intercollegiate Water Polo Pre-Season Training- AA/AS GE: Kinesiology, CSU T
- KIN AR1: Archery 1- Beginning Archery- AA/AS GE: Kinesiology, CSU T
- KIN FL4: Flag Football 4- AA/AS GE: Kinesiology, CSU T
- MKTG 50: Introduction to Marketing - AA/AS GE: Social and Behavioral Sciences
- PHIL 6: Introduction to Logic - AA/AS GE: Humanities & Writing and Critical Thinking
- PHIL 8: Logic and Argumentation- AA/AS GE: Humanities & Writing and Critical Thinking
- PHYS 1B: General Physics II- AA/AS GE: Natural Sciences
- PHYS 1C: General Physics III- AA/AS GE: Natural Sciences
- PHYS 1D: General Physics IV- AA/AS GE: Natural Sciences
- PHYS 2B: Introduction to Physics II- AA/AS GE: Natural Sciences
- SPAN 2B: Intermediate Spanish II- AA/AS GE: Humanities
- THEA 52: Introduction to Design- AA/AS GE: Humanities
- THEA 59: Acting for the Camera II/ Voice Over- CSU T

Requisites:
- AJ 87A: PC 832 Arrest- Prerequisite: Must demonstrate ability to lawfully possess a firearm and be able to pass DOJ firearms clearance.
- AJ 87B: PC 832 Firearms- Prerequisite: Must demonstrate ability to lawfully possess a firearm and be able to pass DOJ firearms clearance.
- APIW 51: Blueprint Reading I- Prerequisite: Student is a registered State indentured apprentice and a member of Northern California Shop Ironworkers Local 790.
- APIW 52: Shop Ironworkers Mathematics- Prerequisite: Student is a registered State indentured apprentice and a member of Northern California Shop Ironworkers Local 790.
- APIW 53: Welding Technology- Prerequisite: Student is a registered State indentured apprentice and a member of Northern California Shop Ironworkers Local 790.
- APIW 54: Structural I- Prerequisite: Student is a registered State indentured apprentice and a member of Northern California Shop Ironworkers Local 790.
- APIW 55: Work Place Safety and Machinery Operation/Labor Studies I- Prerequisite: Student is a registered State indentured apprentice and a member of Northern California Shop Ironworkers Local 790.
- APIW 56: Structural II- Prerequisite: Student is a registered State indentured apprentice and a member of Northern California Shop Ironworkers Local 790.
- APIW 57: Structural III- Prerequisite: Student is a registered State indentured apprentice and a member of Northern California Shop Ironworkers Local 790.
- **APIW 58: Welding Code/AISC/Metallurgy/Labor Studies II** - Prerequisite: Student is a registered State indentured apprentice and a member of Northern California Shop Ironworkers Local 790.

- **APIW 59: Metal Stairs Layout and Fabrication** - Prerequisite: Student is a registered State indentured apprentice and a member of Northern California Shop Ironworkers Local 790.

- **APIW 60: Metal Railing Layout and Fabrication** - Prerequisite: Student is a registered State indentured apprentice and a member of Northern California Shop Ironworkers Local 790.

- **APIW 61: Ornamental Metal Fabrication/Structural IV** - Prerequisite: Student is a registered State indentured apprentice and a member of Northern California Shop Ironworkers Local 790.

- **APIW 62: Blueprint Reading II** - Prerequisite: Student is a registered State indentured apprentice and a member of Northern California Shop Ironworkers Local 790.

- **AUTO LABA: Automotive Lab** - Prerequisite: AUTO INTR with a minimum grade of C (May be taken concurrently) or NAUT INTR with a minimum grade of C (May be taken concurrently).

- **AUTO LABB: Automotive Lab Advanced** - Prerequisite: AUTO INTR with a minimum grade of C or NAUT INTR with a minimum grade of C, AUTO LABA with a minimum grade of C or NAUT LABA with a minimum grade of C.

- **ARTS 4B: Intermediate Ceramics** - Prerequisite: ARTS 4A with a minimum grade of C.

- **BIO 2A: Bioinformatics** - Prerequisite: BIO 30 with a minimum grade of C or BIO 1C with a minimum grade of C (This course has a pre-requisite of CHEM 1A), CS 7 with a minimum grade of C, MATH 40 with a minimum grade of C.

- **BUSN 1B: Managerial Accounting** - Prerequisite: BUSN 1A with a minimum grade of C.

- **BUSN 53: Business Correspondence** - Strongly Recommended: ENG 1A with a minimum grade of C or ENG 1AEX with a minimum grade of C.

- **CIS 43: Professional Communications** - Prerequisite: ENG 1A with a minimum grade of C or ENG 1AEX with a minimum grade of C.

- **CIS 60: Systems Analysis and Design** - Strongly Recommended: CIS 50 with a minimum grade of C.

- **CIS 62: Project Management** - Strongly Recommended: CIS 60 with a minimum grade of C.

- **CIS 9003: ORACLE: Database Programming with PL/SQL** - Strongly Recommended: CIS 9002 with a minimum grade of C.

- **CNT 43: Professional Communications** - Prerequisite: ENG 1A with a minimum grade of C or ENG 1AEX with a minimum grade of C.

- **CNT 7401: Introduction to Linux/LPI Linux+ Certification** - Strongly Recommended: CIS 50 with a minimum grade of C.

- **CNT 8001: Cisco CCNA 1/3 Introduction to Networks (ITN)** - Strongly Recommended: CIS 50 with a minimum grade of C.

- **CNT 8002: Cisco CCNA 2/3 Switching, Routing, and Wireless Essentials (SRWE)** - Strongly Recommended: CNT 8001 with a minimum grade of C.

- **CNT 8003: Cisco CCNA3 3/3– Enterprise Networking, Security, and Automation v7.0 (ENSA)** - Strongly Recommended: CNT 8002 with a minimum grade of C.

- **CS 1: Computing Fundamentals I** - Strongly Recommended: MATH 107 with a minimum grade of C, CS 7 with a minimum grade of C.

- **CS 2: Computing Fundamentals II** - Prerequisite: CS 1 with a minimum grade of C.

- **CS 31: Java Programming** - Strongly Recommended: CS 1 with a minimum grade of C and CS 7 with a minimum grade of C.

- **CS 41: Introduction to Linux/LPI Linux+ Certification** - Strongly Recommended: CIS 50 with a minimum grade of C.
• **CS 43: Professional Communications** - Prerequisite: ENG 1A with a minimum grade of C or ENG 1AEX with a minimum grade of C.

• **CS 47: Capstone Project** - Strongly Recommended: CS 1 with a minimum grade of C or CS 31 with a minimum grade of C, CNT 52 with a minimum grade of C, CIS 43 with a minimum grade of C, CIS 60 with a minimum grade of C, CIS 62 with a minimum grade of C, CS 45 with a minimum grade of C.

• **EMS 16: Paramedic Clinical Occupational Work Experience** - Prerequisite: EMS 10 with a minimum grade, EMS 11 with a minimum grade of C, EMS 12 with a minimum grade of C, EMS 13 with a minimum grade of C.

• **EMS 17: Paramedic Capstone Occupational Work Experience** - Prerequisite: EMS 16 with a minimum grade of P.

• **ENG 12C: Craft of Writing Fiction: Advanced** - Prerequisite: ENG 12B with a minimum grade of C. Strongly Recommended: ENG 1A with a minimum grade of C or ENG 1AEX with a minimum grade of C.

• **ENG 13A: The Craft of Writing Poetry: Beginning** - Strongly Recommended: ENG 11 with a minimum grade of C or ENG 1A with a minimum grade of C or ENG 1AEX with a minimum grade of C.

• **ENGR 1: Introduction to Engineering** - Strongly Recommended: Eligibility for ENG 1A/1AEX with a minimum grade of C.

• **ENGR 23: Engineering Graphics** - Strongly Recommended: MATH 39 with a minimum grade of C, ENG 1A with a minimum grade of C or ENG 1AEX with a minimum grade of C.

• **ENGR 26: Computational Methods for Engineers and Scientists** - Prerequisite: MATH 1 with a minimum grade of C. Strongly Recommended: CS 7 with a minimum grade of C.

• **ESL 1A: Critical Reading and Composition for ESL** - Prerequisite: ESL 24 with a minimum grade of C or placement through the ESL assessment process.

• **FST 12A: LPC-Regional Fire Academy- Firefighter 1A Structure Module** - Prerequisite: EMS 30 with a minimum grade of C or a valid State of California EMT or PARAMEDIC license issued by the CA EMSA also meet this prerequisite, FST 1 with a minimum grade of C, FST 7 with a minimum grade of C or a valid CPAT (Candidate Physical Ability Test) card or BIDDLE (Firefighter Physical Agility) test also meet this prerequisite.

• **FST 12B: LPC-Regional Fire Academy/FF1B Hazmat/WMD Module** - Prerequisite: EMS 30 with a minimum grade of C or a valid State of California EMT or PARAMEDIC license issued by the CA EMSA also meet this prerequisite, FST 1 with a minimum grade of C, FST 7 with a minimum grade of C or a valid CPAT (Candidate Physical Ability Test) card or BIDDLE (Firefighter Physical Agility) test also meet this prerequisite.

• **FST 12C: LPC-Regional Fire Academy/Firefighter 1C Wild land Module** - Prerequisite: EMS 30 with a minimum grade of C or a valid State of California EMT or PARAMEDIC license issued by the CA EMSA also meet this prerequisite, FST 1 with a minimum grade of C, FST 7 with a minimum grade of C or a valid CPAT (Candidate Physical Ability Test) card or BIDDLE (Firefighter Physical Agility) test also meet this prerequisite.

• **FST 13: LPC Regional Fire Academy-Firefighter 2 Module** - Prerequisite: Completion of a state approved ALA or ARTP Firefighter 1 academy which includes IFSAC Proboard certification testing.

• **FST 30: Basic Firefighter Skills and Update** - Prerequisite: Must be a current volunteer or paid fire fighter who has passed an ARTP or ALA fire fighter academy with a letter from the department head indicating student’s status.
- **FST 31: Intermediate Firefighter Skills and Update** - Prerequisite: Must be a current volunteer or paid fire fighter who has passed an ARTP or ALA fire fighter academy with a letter from the department head indicating student’s status.
- **FST 32: Advanced Hazmat and Wildland Training for Fire Fighters** - Prerequisite: Must be a current volunteer or paid fire fighter who has passed an ARTP or ALA fire fighter academy with a letter from the department head indicating student’s status.
- **KIN 61A: Intercollegiate Water Polo Pre-Season Training** - Strongly Recommended: KIN WP1 with a minimum grade of C, KIN SW2 with a minimum grade of C.
- **KIN BX2: Box Aerobics 2** - Strongly Recommended: KIN BX1 with a minimum grade of C.
- **KIN DV1: Springboard Diving** - Strongly Recommended: KIN SW1 with a minimum grade of C.
- **KIN ETD2: Eskrima – Tenio DeCuerdas 2** - Strongly Recommended: KIN ETD1 with a minimum grade of C.
- **KIN ETD3: Eskrima – Tenio DeCuerdas 3** - Strongly Recommended: KIN ETD2 with a minimum grade of C.
- **KIN ETD4: Eskrima – Tenio DeCuerdas 4** - Strongly Recommended: KIN ETD3 with a minimum grade of C.
- **KIN FL4: Flag Football 4** - Prerequisite: KIN FL1 with a minimum grade of C, KIN FL2 with a minimum grade of C, KIN FL3 with a minimum grade of C.
- **KIN FNE2: Fencing-Epee 2** - Strongly Recommended: KIN FNE1 with a minimum grade of C (Footwork movements (advance, retreat, and lunge) must be correct and controlled).
- **KIN FNF2: Fencing-Foil 2** - Strongly Recommended: KIN FNF1 with a minimum grade of C (Footwork movements (advance, retreat, and lunge) must be correct and controlled).
- **KIN GF2: Golf 2** - Strongly Recommended: GF1 with a minimum grade of C.
- **KIN GF3: Golf 3** - Strongly Recommended: GF2 with a minimum grade of C.
- **KIN SI2: Soccer – Indoor 2** - Strongly Recommended: KIN SI1 with a minimum grade of C.
- **KIN SO2: Soccer – Outdoor 2** - Strongly Recommended: KIN SO1 with a minimum grade of C.
- **KIN TK2: Tae Kwon Do 2** - Strongly Recommended: KIN TK1 with a minimum grade of C.
- **KIN TK3: Tae Kwon Do 3** - Strongly Recommended: KIN TK2 with a minimum grade of C.
- **KIN UF2: Ultimate Frisbee 2** - Strongly Recommended: KIN UF1 with a minimum grade of C.
- **KIN UF3: Ultimate Frisbee 3** - Strongly Recommended: KIN UF2 with a minimum grade of C.
- **KIN UF4: Ultimate Frisbee 4** - Strongly Recommended: KIN UF3 with a minimum grade of C.
- **KIN VB2: Volleyball Intermediate** - Strongly Recommended: KIN VB1 with a minimum grade of C.
- **KIN VB3: Volleyball Advanced** - Strongly Recommended: KIN VB2 with a minimum grade of C.
- **KIN YO3: Yoga 3** - Strongly Recommended: KIN YO1 with a minimum grade of C, KIN YO2 with a minimum grade of C.
- **KIN YO4: Yoga 4** - Strongly Recommended: KIN YO3 with a minimum grade of C.
- **MUS 22B: Scoring for Film and Multimedia 2** - Prerequisite: MUS 22A with a minimum grade of C. Strongly Recommended: MUS 36 with a minimum grade of C.
- **MUS 45: Chamber Choir** - Strongly Recommended: MUS 6 with a minimum grade of C, MUS 44 with a minimum grade of C.
- **MUS 46: Vocal Jazz Ensemble** - Strongly Recommended: MUS 6 with a minimum grade of C, MUS 44 with a minimum grade of C.
- **NAUT LABA: Automotive Lab** - Prerequisite: AUTO INTR with a minimum grade of C (May be taken concurrently) or NAUT INTR with a minimum grade of C (May be taken concurrently).
- **NAUT LABB: Automotive Lab Advanced** - Prerequisite: AUTO LABA with a minimum grade of C or NAUT LABA with a minimum grade of C, AUTO INTR with a minimum grade of C or NAUT INTR with a minimum grade of C.
- **PSYC 25: Research Methods** - Prerequisite: PSYC 1 with a minimum grade of C, MATH 40 with a minimum grade of C.
- **THEA 1A: Theory/Practice of Acting I** - Strongly Recommended: ENG 1A with a minimum grade of C or ENG 1AEX with a minimum grade of C.
- **THEA 1B: Theory/Practice of Acting II** - Prerequisite: THEA 1A with a minimum grade of C or equivalent acting class or acting performance experience.
- **THEA 3B: Intermediate Improvisation** - Prerequisite: THEA 3A with a minimum grade of C.
- **THEA 3C: Improvisation in Performance** - Prerequisite: THEA 3B with a minimum grade of C
- **THEA 31C (Drama Workshop – Technical Theater)** – Prerequisite: THEA 50 with a minimum grade of C (May be taken concurrently). Strongly Recommended: THEA 48A with a minimum grade of C.
- **THEA 47B: Performance in Production: Beginning** - Prerequisite: THEA 47A with a minimum grade of C.
- **THEA 47C: Performance in Production: Intermediate** - Prerequisite: THEA 47B with a minimum grade of C.
- **THEA 47D: Performance in Production: Advanced** - Prerequisite: THEA 47C with a minimum grade of C.
- **THEA 48A: Technical Theater in Production: Beginning** - Strongly Recommended: MATH 107 with a minimum grade of C, THEA 50 with a minimum grade of C.
- **THEA 48B: Technical Theater in Production: Intermediate** - Prerequisite: THEA 48A with a minimum grade of C. Strongly Recommended: MATH 107 with a minimum grade of C.
- **THEA 48C: Technical Theater in Production: Advanced** - Prerequisite: THEA 48B with a minimum grade of C and THEA 50L with a minimum grade of C or THEA 51 with a minimum grade of C or MUS 35 with a minimum grade of C or THEA 52 with a minimum grade of C. Strongly Recommended: MATH 107 with a minimum grade of C or MATH 107B with a minimum grade of C.
- **THEA 48D: Technical Theater in Production: Apprenticeship** - Prerequisite: THEA 48C with a minimum grade of C and THEA 50L with a minimum grade of C or THEA 51 with a minimum grade of C or MUS 35 with a minimum grade of C or THEA 52 with a minimum grade of C.
- **THEA 51: Introduction to Costume Design** - Strongly Recommended: THEA 50 with a minimum grade of C.
- **THEA 53: Script Analysis** - Prerequisite: ENG 1A with a minimum grade of C or ENG 1AEX with a minimum grade of C.

**Distance Education:**
- **AUTO C1: Automotive Service Consultant**
- **BIO 50: Anatomy and Physiology**
- **CIS 50: Introduction to Computing Information Technology**
- **CS 7: Introduction to Computer Programming Concepts**
- **FST 2: Principles of Fire and Emergency Services Safety and Survival**
- **FST 3: Fire Behavior and Combustion**
- **FST 8: Fire Strategy and Tactics**
- **NBUS 233: Personal Financial Management and Planning**

**Discipline- Fall 2020**
- **AJ 87A: PC 832 Arrest** - Administration of Justice
- AJ 87B: PC 832 Firearms - Administration of Justice
- APIW 51: Blueprint Reading I - Welding
- APIW 52: Shop Ironworkers Mathematics - Welding
- APIW 53: Welding Technology - Welding
- APIW 54: Structural I - Welding
- APIW 55: Work Place Safety and Machinery Operation/Labor Studies I - Welding
- APIW 56: Structural II - Welding
- APIW 57: Structural III - Welding
- APIW 58: Welding Code/AISC/Metallurgy/Labor Studies II - Welding
- APIW 59: Metal Stairs Layout and Fabrication - Welding
- APIW 60: Metal Railing Layout and Fabrication - Welding
- APIW 61: Ornamental Metal Fabrication/Structural IV - Welding
- APIW 62: Blueprint Reading II - Welding
- ARTS 4B: Intermediate Ceramics - Art
- EMS 16: Paramedic Clinical Occupational Work Experience - Emergency Medical Technologies
- EMS 17: Paramedic Capstone Occupational Work Experience - Emergency Medical Technologies
- ENG 12C: Craft of Writing Fiction: Advanced - English
- ESL 1A: Critical Reading and Composition for ESL - ESL
- FST 12A: LPC-Regional Fire Academy - Firefighter 1A Structure Module - Fire Technology
- FST 12B: LPC-Regional Fire Academy/FF1B Hazmat/WMD Module - Fire Technology
- FST 12C: LPC-Regional Fire Academy/Firefighter 1C Wildland Module - Fire Technology
- FST 13: LPC Regional Fire Academy-Firefighter 2 Module - Fire Technology
- FST 30: Basic Firefighter Skills and Update - Fire Technology
- FST 31: Intermediate Firefighter Skills and Update - Fire Technology
- FST 32: Advanced Hazmat and Wildland Training for Firefighters - Fire Technology
- HORT 71: Fundamentals of Hydroponics and Aquaponics - Agricultural Production
- HORT 73: Computer Aided Design - Ornamental Horticulture or Interior Design
- INTD 40: Computer Aided Design - Ornamental Horticulture or Interior Design
- KIN 32A: Fall Intercollegiate Men's Basketball - Coaching
- KIN 32B: Spring Intercollegiate Men's Basketball - Coaching
- KIN 61A: Intercollegiate Water Polo Pre-Season Training - Coaching
- KIN AR1: Archery 1 - Beginning Archery - Physical Education
- KIN FL4: Flag Football 4 - Physical Education
- NAUT INTR: Automotive Services and Introduction - Automotive Technology
- NAUT L1L2: Smog Level One and Level Two - Automotive Technology
- NAUT LABA: Automotive Lab - Automotive Technology
- NAUT LABB: Automotive Lab Advanced - Automotive Technology
- NAUT SDR: Specified Diagnostic and Repair - Automotive Technology
- NBUS 233: Personal Financial Management and Planning - Business or Accounting
- PSYC 15: Abnormal Child Psychology - Psychology
- THEA 31C: Drama Workshop - Technical Theater - Stagecraft or Drama/Theater Arts

- Course Deactivations:
  - AJ 71: Narcotics & Drug Enforcement - Spring 2020
  - BUSN 43: Professional Communications - Spring 2020
  - BUSN 63: Payroll Accounting - Spring 2020
• ECE 15: Abnormal Child Psychology- Spring 2020
• EMS 14: Paramedic Clinical Practicum- Summer 2020
• EMS 15L: Paramedic Field Internship Lecture- Summer 2020
• EMS 15P: Paramedic Field Internship- Summer 2020
• EMS 70A: Community CPR & First Aid- Fall 2020
• FST 11: LPC- East Bay Regional Firefighter I Academy– Fall 2020
• HUMN 7: Contemporary Humanities- Spring 2020
• HUMN 44: Narrative Film and Film Music- Fall 2020
• KIN 27: Principles of Coaching & Sports Officiating - Spring 2020
• KIN 31A: Pre-Season Intercollegiate Men's Basketball – Fall 2020
• KIN 31B: Fall Intercollegiate Men's Basketball– Fall 2020
• KIN 31C: Spring Intercollegiate Men’s Basketball– Fall 2020
• KIN 31D: Off Season Intercollegiate Men’s Basketball– Fall 2020
• KIN HHA: Hip Hop Aerobics- Spring 2020
• KIN LAX1: Lacrosse- Spring 2020
• MSCM 2: Journalism: Investigative News- Spring 2020
• MSCM 32A: Introduction to Radio Productions- Spring 2020
• MSCM 32B: Intermediate Radio Production- Spring 2020
• MSCM 32C: Advanced Radio Production- Spring 2020
• MSCM 33A: Introduction to Television Studio Operations- Spring 2020
• MSCM 33B: Intermediate Television Studio Operations- Spring 2020
• MUS 33: Study of Voice- Spring 2020
• MUS 39: Musical Theater Workshop- Spring 2020
• MUS 46A: Beginning Jazz Choir – Fall 2020

• Program Deactivations: Fall 2020
• Mass Communications: Radio Communications Certificate of Accomplishment

• New Noncredit Programs:
  • Automotive Basic Certificate of Completion (360 Hours, Program Goal: CDCP- Workforce Preparation, TOP Code: 0948.00 – Automotive Technology*, Start Date: Fall 2020)
  • Automotive Smog Certificate of Completion (387 Hours, Program Goal: CDCP- Short-Term Vocational, TOP Code: 0948.00 – Automotive Technology*, Start Date: Fall 2020)

• New Credit Programs:
  • Advanced Shop Ironworkers Apprenticeship Certificate of Achievement (30 Units Total, Program Goal: CTE, TOP Code: 0956.40 – Sheet Metal and Structural Metal*, Start Date: Fall 2020)
  • Automotive Alternative Fuels/Hybrid Technology Certificate of Achievement (28 Units Total, Program Goal: CTE, TOP Code: 0948.40 – Alternative Fuels and Advanced Transportation Technology*, Start Date: Fall 2020)
  • Automotive Alternative Fuels/Hybrid Technology AS (44 Units in the Major, 63 Units Total, Program Goal: CTE, TOP Code: 0948.40 – Alternative Fuels and Advanced Transportation Technology*, Start Date: Fall 2020)
  • Automotive Light Duty Diesel Certificate of Achievement (33 Units Total, Program Goal: CTE, TOP Code: 0947.00 – Diesel Technology*, Start Date: Fall 2020)
  • Automotive Light Duty Diesel AS (44 Units in the Major, 63 Units Total, Program Goal: CTE, TOP Code: 0947.00 – Diesel Technology*, Start Date: Fall 2020)
<table>
<thead>
<tr>
<th>Certificate of Achievement</th>
<th>Units Total</th>
<th>Program Goal</th>
<th>TOP Code</th>
<th>Start Date</th>
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<tr>
<td><strong>Automotive Master Certificate of Achievement</strong></td>
<td>60</td>
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<td><strong>Automotive Master AS</strong></td>
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<td><strong>Automotive Mechanical Certificate of Achievement</strong></td>
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<td><strong>Automotive Smog Technician Certificate of Achievement</strong></td>
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<td><strong>Automotive Smog Technician AS</strong></td>
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<td><strong>Basic Shop Ironworkers Apprenticeship Certificate of Achievement</strong></td>
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<td><strong>Civil/Mechanical Engineering AS</strong></td>
<td>52.5</td>
<td>Local-Transfer Preparation</td>
<td>0901.00 – Engineering, General (requires Calculus) (Transfer)*</td>
<td>Fall 2020</td>
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<td><strong>Civil/Mechanical Engineering Certificate of Achievement</strong></td>
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<td>Local-Transfer Preparation</td>
<td>0901.00 – Engineering, General (requires Calculus) (Transfer)*</td>
<td>Fall 2020</td>
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<tr>
<td><strong>Cloud Computing Certificate of Achievement</strong></td>
<td>16-18</td>
<td>CTE, Program Goal: CTE</td>
<td>0707.00- Computer Software Development*</td>
<td>Fall 2020</td>
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<tr>
<td><strong>Electrical Engineering AS</strong></td>
<td>42.5</td>
<td>Local-Transfer Preparation</td>
<td>0901.00 – Engineering, General (requires Calculus) (Transfer)*</td>
<td>Fall 2020</td>
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<td><strong>Electrical Engineering Certificate of Achievement</strong></td>
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<td>0901.00 – Engineering, General (requires Calculus) (Transfer)*</td>
<td>Fall 2020</td>
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<tr>
<td><strong>Electrical Engineering UC Pathway AS</strong></td>
<td>63</td>
<td>Local-Transfer Preparation</td>
<td>0901.00 – Engineering, General (requires Calculus) (Transfer)*</td>
<td>Fall 2020</td>
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<tr>
<td><strong>Electrical Engineering UC Pathway Certificate of Achievement</strong></td>
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<td>Local-Transfer Preparation</td>
<td>0901.00 – Engineering, General (requires Calculus) (Transfer)*</td>
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<td><strong>Elementary Shop Ironworkers Apprenticeship Certificate of Achievement</strong></td>
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<td>0956.40 – Sheet Metal and Structural Metal*</td>
<td>Fall 2020</td>
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<td><strong>Engineering AS</strong></td>
<td>51.5-56.5</td>
<td>Local-Transfer Preparation</td>
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<tr>
<td><strong>Engineering Certificate of Achievement</strong></td>
<td>51.5-56.5</td>
<td>Local-Transfer Preparation</td>
<td>0901.00 – Engineering, General (requires Calculus) (Transfer), Start Date: Fall 2020</td>
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<td><strong>Engineering Technology Certificate of Achievement</strong></td>
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<td>CTE, Program Goal: CTE</td>
<td>0924.00 – Engineering Technology, General (requires Trigonometry)*</td>
<td>Fall 2020</td>
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<td><strong>Intermediate Shop Ironworkers Apprenticeship Certificate of Achievement</strong></td>
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<td>CTE, Program Goal: CTE</td>
<td>0956.40 – Sheet Metal and Structural Metal*</td>
<td>Fall 2020</td>
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<tr>
<td><strong>Mechanical Engineering UC Pathway AS</strong></td>
<td>63</td>
<td>Local-Transfer Preparation</td>
<td>0901.00 – Engineering, General (requires Calculus) (Transfer)*</td>
<td>Fall 2020</td>
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</tbody>
</table>
- **Mechanical Engineering UC Pathway Certificate of Achievement** (63 Units Total, Program Goal: Local Transfer Preparation, TOP Code: 0901.00 – Engineering, General (requires Calculus) (Transfer)*, Start Date: Fall 2020)
- **Shop Ironworkers Apprenticeship AS** (41 Units in the Major, 60 Units Total, Program Goal: CTE, TOP Code: 0956.40 – Sheet Metal and Structural Metal*, Start Date: Fall 2020)
- **Software Engineering AS** (48.5 Units in the Major, 61.5 Units Total, Program Goal: Local-Transfer Preparation, TOP Code: 0901.00 – Engineering, General (requires Calculus) (Transfer)*, Start Date: Fall 2020)
- **Software Engineering Certificate of Achievement** (48.5 Units Total, Program Goal: Local-Transfer Preparation, TOP Code: 0901.00 – Engineering, General (requires Calculus) (Transfer)*, Start Date: Fall 2020)
- **Program Modifications:**
  - **Accounting Technician Certificate of Achievement** (26.5 Units Total, Program Goal: CTE, TOP Code: 0502.00- Accounting*, Start Date: Fall 2020)
  - **Administrative Assistant AA** (39-43 Units in the Major, 60 Units Total, Program Goal: CTE, TOP Code: 0514.40 – Office Management*, Start Date: Fall 2020)
  - **Administrative Assistant Certificate of Achievement** (29-30 Units Total, Program Goal: CTE, TOP Code: 0514.00 – Office Technology/Office Computer Applications*, Start Date: Fall 2020)
  - **Automotive Electronics Technology AS** (45 Units in the Major, 64 Units Total, Program Goal: CTE, TOP Code: 0948.00 – Automotive Technology*, Start Date: Fall 2020)
  - **Bookkeeping Certificate of Achievement** (14.5-15.5 Units Total, Program Goal: CTE, TOP Code: 0502.00- Accounting*, Start Date: Fall 2020)
  - **Business Workforce Proficiency Certificate of Achievement** (15 Units Total, Program Goal: CTE, TOP Code: 0501.00- Business and Commerce, General*, Start Date: Fall 2020)
  - **Creative Writing Certificate of Achievement** (18 Units Total, Program Goal: Local-Community Need, TOP Code: 1507.00 – Creative Writing, Start Date: Fall 2020)
  - **CSU General Education Breadth Certificate of Achievement** (39-54 Units Total, Program Goal: Transfer, TOP Code: 4901.10 – Transfer Preparation, Start Date: Fall 2020)
  - **Emergency Medical Services EMT- Paramedic AS** (51 Units in the Major, 67 Units Total, Program Goal: CTE, TOP Code: 1251.00 - Paramedic*, Start Date: Fall 2020)
  - **Emergency Medical Services EMT- Paramedic Certificate of Achievement** (51 Units Total, Program Goal: CTE, TOP Code: 1251.00 - Paramedic*, Start Date: Fall 2020)
  - **English AA-T** (18 Units in the Major, 60 Units Total, Program Goal: Transfer, TOP Code: 1501.00- English, Start Date: Fall 2020)
  - **Engineering Technology AS** (34 Units in the Major, 60 Units Total, Program Goal: CTE, TOP Code: 0924.00 – Engineering Technology, General (requires Trigonometry)*, Start Date: Fall 2020)
  - **Fitness Trainer Certificate of Achievement** (16 Units Total, Program Goal: CTE, TOP Code: 0835.20-Fitness Trainer*, Start Date: Fall 2020)
  - **Geography AA-T** (19 Units in the Major, 60 Units Total, Program Goal: Transfer, TOP Code: 2206.00- Geography, Start Date: Fall 2020)
  - **IGETC (Intersegmental General Education Curriculum) Certificate of Achievement** (34-57 Units Total, Program Goal: Transfer, TOP Code: 4901.10 – Transfer Preparation, Start Date: Fall 2020)
  - **Journalism and Media Studies AA** (24 Units in the Major, 60 Units Total, Program Goal: Local-Community Need, TOP Code: 0601.00 – Media and Communications, General, Start Date: Fall 2020)
  - **Journalism Certificate of Achievement** (24 Units Total, Program Goal: CTE, TOP Code: 0602.00 – Journalism*, Start Date: Fall 2020)
• **Liberal Arts & Sciences: Arts and Humanities AA** (18-22 Units in the Major, 60 Units Total, Program Goal: Local-Community Need, TOP Code: 4901.00 – Liberal Arts and Sciences, General, Start Date: Fall 2020)

• **Liberal Arts & Sciences: Business AA** (18-20 Units in the Major, 60 Units Total, Program Goal: Local-Community Need, TOP Code: 4901.00 – Liberal Arts and Sciences, General, Start Date: Fall 2020)

• **Liberal Arts & Sciences: Computer Studies AA** (18-20 Units in the Major, 60 Units Total, Program Goal: Local-Community Need, TOP Code: 4901.00 – Liberal Arts and Sciences, General, Start Date: Fall 2020)

• **Liberal Arts & Sciences: Language Arts and Communication AA** (18-19 Units in the Major, 60 Units Total, Program Goal: Local-Community Need, TOP Code: 4901.00 – Liberal Arts and Sciences, General, Start Date: Fall 2020)

• **Liberal Arts & Sciences: Mathematics and Science AA** (18-20 Units in the Major, 60 Units Total, Program Goal: Local-Community Need, TOP Code: 4901.00 – Liberal Arts and Sciences, General, Start Date: Fall 2020)

• **Liberal Arts & Sciences: Social and Behavioral Sciences AA** (18-20 Units in the Major, 60 Units Total, Program Goal: Local-Community Need, TOP Code: 4901.00 – Liberal Arts and Sciences, General, Start Date: Fall 2020)

• **Occupational Safety Certificate of Achievement** (9 Units Total, Program Goal: CTE, TOP Code: 0956.70 – Industrial and Occupational Safety and Health*, Start Date: Fall 2020)

• **Project Management Certificate of Achievement** (12-13 Units Total, Program Goal: CTE, TOP Code: 0702.00 – Computer Information Systems*, Start Date: Fall 2020)

• **Technical Theater Certificate of Achievement** (27 Units Total, Program Goal: CTE, TOP Code: 1006.00 – Technical Theater*, Start Date: Fall 2020)

• **Web Development Certificate of Achievement** (15 Units Total, Program Goal: CTE, TOP Code: 0702.00 – Computer Information Systems*, Start Date: Fall 2020)

• **Administrative Program Updates:**
  
  • **Acting Certificate of Achievement** (18 Units, Program Goal: Local – Community Need, TOP Code: 1007.00 – Dramatic Arts, Start Date: Fall 2020)

  • **Administration of Justice AA** (27 Units in the Major, 60 Units Total, Program Goal: CTE (Transfer), TOP Code: 2105.00 – Administration of Justice*, Start Date: Fall 2020)

  • **Administrative Medical Assistant Certificate of Achievement** (23.5-26.5 Units Total, Program Goal: CTE, TOP Code: 1208.20 – Administrative Medical Assisting*, Start Date: Fall 2020)

  • **Business AS** (40-45 Units in the Major, 60 Units Total, Program Goal: CTE, TOP Code: 0501.00 – Business and Commerce, General*, Start Date: Fall 2020)

  • **Business Administration AS-T** (28-30 Units in the Major, 60 Units Total, Program Goal: Transfer, TOP Code: 0505.00 – Business Administration*, Start Date: Fall 2020)

  • **Chemistry AS** (40 Units in the Major, 60 Units Total, Program Goal: Local-Transfer Preparation, TOP Code: 1905.00 – Chemistry, General, Start Date: Fall 2020)

  • **Chemistry Education AS** (42-43 Units in the Major, 60 Units Total, Program Goal: Local-Transfer Preparation, TOP Code: 1905.00 – Chemistry, General, Start Date: Fall 2020)

  • **Commercial Music: Music Technology Fundamentals Certificate of Achievement** (10-11 Units Total, Program Goal: CTE, TOP Code: 1005.00-Commercial Music*, Start Date: Fall 2020)

  • **Computer Information Systems AA** (37-38 Units in the Major, 60 Units Total, Program Goal: CTE, TOP Code: 0702.00-Computer Information Systems*, Start Date: Fall 2020)

  • **Emergency Medical Responder Certificate of Accomplishment** (3.5 Units, Program Goal: CTE, TOP Code: 1250.00 – Emergency Medical Services*, Start Date: Fall 2020)
• **Film Studies AA** (18-19 Units in the Major, 60 Units Total, Program Goal: Local- Community Need, TOP Code: 0612.00 – Film Studies, Start Date: Fall 2020)

• **Film Studies Certificate of Achievement** (18-19 Units Total, Program Goal: Local- Community Need, TOP Code: 0612.00 – Film Studies (including combined film/video), Start Date: Fall 2020)

• **Fire Academy – Fire Suppression Certificate of Achievement** (22 Units Total, Program Goal: CTE, TOP Code: 2133.50- Fire Academy*, Start Date: Fall 2020)

• **Humanities AA** (18-19 Units in the Major, 60 Units Total, Program Goal: Local- Community Need, TOP Code: 1599.00 – Other Humanities, Start Date: Fall 2020)

• **Humanities Certificate of Achievement** (18-19 Units Total, Program Goal: Local- Community Need, TOP Code: 1599.00 – Other Humanities, Start Date: Fall 2020)

• **Jazz Studies Certificate of Achievement** (20-21 Units Total, Program Goal: Local- Transfer Preparation, TOP Code: 1004.00 - Music, Start Date: Fall 2020)

• **Marketing AA** (32-35 Units in the Major, 60 Units Total, Program Goal: CTE, TOP Code: 0509.00 – Marketing and Distribution*, Start Date: Fall 2020)

• **Music AA** (30 Units in the Major, 60 Units Total, Program Goal: Local- Transfer Preparation, TOP Code: 1004.00- Music, Start Date: Fall 2020)

• **Music AA-T** (24-26 Units in the Major, 60 Units Total, Program Goal: Transfer, TOP Code: 1004.00- Music, Start Date: Fall 2020)

• **Musical Theater Certificate of Achievement** (17-18 Units, Program Goal: Local – Community Need, TOP Code: 1007.00 – Dramatic Arts, Start Date: Fall 2020)

• **Retail Management (WAFC) Certificate of Achievement** (25-26 Units Total, Program Goal: CTE, TOP Code: 0506.50 – Retail Store Operations and Management*, Start Date: Fall 2020)

• **Retailing Certificate of Achievement** (25-28 Units, Program Goal: CTE, TOP Code: 0506.50- Retail Store Operations and Management*, Start Date: Fall 2020)

• **Theater Arts AA** (25 Units in the Major, 60 Units Total, Program Goal: Local- Community Need, TOP Code: 1007.00- Dramatic Arts, Start Date: Fall 2020)

• **CSU-GE/IGETC for AA/AS**