

COOPERATIVE EDUCATION (CEP) SOLANO CAMPUS

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CEP Courses

CEP 2250 Mechanical Engineering Industry Cooperative I (3 units)

Term Typically Offered: SU

Prerequisite: ME 205 or ME 2205; and Sophomore standing.

First of two summer co-ops required for Mechanical Engineering program. Work onsite in an industry, research facility, or research institution under a cooperative education training agreement for a specified period of time. Practical work and current research experiences. Experiences will vary with the participating companies, facilities, and institutions. Work in a paid position under a degreed engineering supervisor in cooperation with the Career Development Center. Formerly CEP 250 at Cal Maritime.

CEP 2270 Facilities Engineering Technology Industry Cooperative I (3 units)

Term Typically Offered: SU

First of two summer co-ops required for the Facilities Engineering Technology major. Work in industry under a cooperative education training agreement by working onsite for a specified period of time. Current and practical work experience with various facilities. Prerequisite Sophomore standing; and CRU 150 or CRU 1150. Formerly CEP 270 at Cal Maritime.

CEP 3330 International Strategy and Security Cooperative (3 units)

Term Typically Offered: SU

Prerequisite: GMA 100 or GMA 1100; and GMA 105 or GMA 1105.

Provides experience in industry, government and NGO settings in areas relevant to the ISS major. Apply classroom knowledge to real-world issues and bring the work experience back to the classroom to enrich their academic understanding of maritime policy concerns. Specific experience varies, but includes written and oral communication skills, applied knowledge and opportunities for in-depth appreciation of a specific aspect of maritime security, environmental and other policy issues. Generally taken during the third summer, but may be done at any time with the permission of the Co-Op Coordinator and Department Chair. Formerly CEP 330 at Cal Maritime.

CEP 3350 Mechanical Engineering Industry Cooperative II (3 units)

Term Typically Offered: SU

Prerequisite: Junior standing; and CEP 250 or CEP 2250 Formerly CEP 350 at Cal Maritime.

Second and final of two co-ops required for the Mechanical Engineering program. Work onsite in an industry, research facility, or research institution under a cooperative education training agreement for a specified period of time. Practical work and current research experiences. Experiences vary with the participating companies, facilities, and institutions but should include teamwork, communication, and engineering design problem-solving opportunities. Work in a paid position under a degreed engineering supervisor in cooperation with the Career Development Center.

CEP 3370 Facilities Engineering Technology Industry Cooperative II (3 units)

Term Typically Offered: SU

Second and final of two cooperative education courses required by the Facilities Engineering Technology Program. Work in industry under a cooperative education training agreement by working onsite for a specified period of time. Current and practical work experience with various facilities. Prerequisite Junior standing; and CEP 270 or CEP 2270. Formerly CEP 370 at Cal Maritime.