

CRUISE (CRU) SOLANO CAMPUS

undefined

CRU Courses

CRU 1100 Sea Training I - Deck (8 units)

Term Typically Offered: SU

Prerequisite: DL 100 or DL 1100; DL 105 or DL 1105L; DL 1105X or DL 105X; DL 110 or DL 1110; DL 120 or DL 1120; FF 100 or FF 1100; NAU 102 or NAU 1102, and NAU 102L or NAU 1102L with grades of C- or better; NAU 104 or NAU 1104; NAU 109 or NAU 1109; NAU 110 or NAU 1110; and a valid passport.

First sea training experience. During this period of training aboard the Training Ship, the emphasis is on ship familiarization, safety drills and training, basic deck watchstanding skills as helmsman and lookout, vessel maintenance and sanitation, and practical seamanship. Demonstrated competencies in selected STCW topics will be required. Formerly CRU 100 at Cal Maritime.

CRU 1150 Sea Training I - Engine (8 units)

Term Typically Offered: SU

Prerequisite: DL 105 or DL 1105; DL 105L or DL 1105L; DL 105X or DL 105X; EPO 110 or EPO 1110; EPO 125 or EPO 1125; FF 100 or FF 1100; and NAU 104 or NAU 1104. Corequisite: EPO 220 or EPO 220.

First at-sea experience on the training ship. Introduction to the fundamentals of engineering systems operations and shipboard routine, including operation and monitoring techniques for diesel propulsion, electrical power generation, and evaporators and support equipment. Duties during emergency situations such as fire, abandon ship, and rescue are also learned. Demonstrate the required STCW competencies and understand basic power plant operation and maintenance. Formerly CRU 150 at Cal Maritime.

CRU 2200 Sea Training II - Deck (5 units)

Term Typically Offered: SU

Prerequisite: DL 225 or DL 2225; DL 225L or DL 2225L; EGL 100 or EGL 1100; NAU 205 or NAU 2205; and NAU 230 or NAU 2230. Concurrent: CRU 200L or CRU 2200L.

Second at-sea training experience. Participate in a sea training program aboard an approved commercial or federal vessel. Period of onboard training consists of a minimum period of time, as specified in Cal Maritime's program approval letter, to meet Coast Guard sea service requirements. Document and analyze various aspects of shipboard operation and procedures as prescribed by the department. Guided analysis will constitute their project. Formerly CRU 200 at Cal Maritime.

CRU 2200L Sea Training II Lab (Deck) (3 units)

Term Typically Offered: SU

CR/NC

Prerequisite: DL 225 or DL 2225; DL 225L or DL 2225L; DL 240L or EL 2240L; EGL 100 or EGL 1100; NAU 205 or NAU 2205; and NAU 230 or NAU 2230. Concurrent: CRU 200 or CRU 2200.

Observations and tasks required by STCW. Completes a comprehensive check list that parallels the STCW standards for which they will be certified. Check list parallels STCW competencies but does not provide certification or equivalency. Credit/No Credit grading only. 3 laboratories. Formerly CRU 220L at Cal Maritime.

CRU 2250 Sea Training II - Engine (8 units)

Term Typically Offered: SU

Prerequisite: CRU 150 or CRU 1150; EPO 210 or EP 2210; EPO 213 or EPO 2213; EPO 215 or EPO 2215; EPO 220 or EPO 2220; and NAU 104 or NAU 1104 with grades of C- or better.

Sea training experience aboard a commercial or government vessel for students pursuing a USCG Third Assistants Engineer License. Comprehensive engineering report and performance evaluations by the ship's engineering officers. Commercial Cruise Project includes a journal of operational and maintenance experiences, technical descriptions and drawings of shipboard engineering systems, and a summary of measures to implement environmental and SOLAS regulations. Formerly CRU 250 at Cal Maritime.

CRU 3300 Sea Training III - Deck (8 units)

Term Typically Offered: SU

Prerequisite: CRU 200 or CRU 2200; DL 310 or DL 3310; DL 311 or DL 3311; DL 320 or DL 3320; NAU 300 or NAU 3300; NAU 300L or NAU 3300L; NAU 302 or NAU 3302; NAU 302L or NAU 302L; NAU 325 or NAU 3325; NAU 330 or NAU 3330; and FF 300 or FF 3300.

Third sea training experience. Period of training aboard the Training Ship, with emphasis on ship maneuvering skills, celestial navigation, collision avoidance, weather reporting, radio, communications, bridge team management, supervision of vessel maintenance, and bridge watchstanding as the cadet in charge. Demonstrate required competencies in STCW selected topics. Formerly CRU 300 at Cal Maritime.

CRU 3350 Sea Training III - Engine (8 units)

Term Typically Offered: SU

Prerequisite: CRU 250 or CRU 2250; and ENG 250L or ENG 250L; or ET 250L or ET 2250L; EPO 235 or EPO 2235; EPO 310 or EPO 3310; EPO 322 or EPO 3322; and EPO 322L or EPO 3322L.

During the sea training function as the supervisor and assumes responsibility for the proper performance of the first sea training students in engineering tasks. Responsibility as watch engineer, directly responsible to a licensed watch officer for the operation of all systems, ensuring that all data is properly taken and recorded and all duties properly performed. Responsibility as daywork assistant, maintaining and repairing equipment and systems under the supervision of an instructor. Responsibility as engineering assistant, carrying out Third Assistant duties under the supervision of the Chief Engineer. Demonstrate required STCW competencies and be ready to stand watch as a Third Assistant Engineer. Formerly CRU 350 at Cal Maritime.

CRU 3390 Independent Study (1-3 units)

Term Typically Offered: F, SP, SU

Prerequisite: Consent of department.

Substantial study above and beyond the regular offerings in the Academy catalog. Arrangement with an Academy faculty member to be the Independent Study Advisor. Approved Application for Independent Study must be on file. Formerly CRU 390 at Cal Maritime.

CRU 3395 Special Topics (1-3 units)

Term Typically Offered: F, SP, SU

Prerequisite: Consent of instructor.

Special topic courses are intended to enable each department to offer an elective course of study when faculty scholarship activities, the expertise of visiting faculty, or off-campus educational programs may afford a unique and worthwhile learning experience. 1 to 3 lectures. Formerly CRU 395 at Cal Maritime.