

Academic Program	Marine Transportation
Reporting for Academic Year	2020-2021
Department Chair	Steven D. Browne
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1. SELF-STUDY (about 1 page)

A. Five-year Review Planning Goals

The last department program review was completed in the Fall of 2016. The 2016 program review included the following specific recommendations:

Faculty:

Rebuild the department tenure density in response to past and projected retirements. The department should hire at least three new tenure track faculty in the coming years.

The department recommends that faculty starting salaries be increased and that the Marine Vocational Instructor track be reopened.

A policy should be developed concerning the conversion from the MVI to the professor track.

Academic Advising Training and Manual: The MT department should produce an Academic Advising Manual, including Frequently Asked Questions, as a resource for advising guidelines and information. In addition, formal training should be conducted for new and current Academic Advisors in the department.

Assessment Plan: The department should complete its revision of a formal internal assessment review program, including the adoption of any changes and needed modifications for emerging new assessment criteria or new elements of the program to include.

STCW Program: The department should complete its revision of the STCW assessment program.

Simulation Program Review: The department should complete its review of the simulation courses and ensure that the scenarios and course material are up to date and appropriate for

B. Five-year Review Planning Goals Progress

Faculty:

Simulation Equipment Refresh:

concepts and technologies of international marine transportation.

MT PLO 2: Leadership and Teamwork: Graduates will demonstrate the ability to work effectively as a leader and member in professional teams.

MT PLO 3: Communication: Graduates will demonstrate effective communication skills.

MT PLO 4: Ethical Awareness: Graduates will use ethical reasoning to make decisions related to the maritime industry.

MT PLO 5: Quantitative Reasoning: Graduates will demonstrate the ability to analyze numerical data.

MT PLO 6: Information Fluency: Graduates will define a specific need for information; then locate, evaluate, and apply the needed information.

MT PLO 7: Critical and Creative Thinking: Graduates will analyze problems in new and different ways.

B. Program Student Learning Outcome(s) Assessed

All seven PLO's are assessed every year as they align with the assessment requirements for maintaining the program's Standards of Training, Certification and Watchkeeping for Seafarers (STCW) certification. The STCW program is approved and reviewed by the US Coast Guard. The next STCW program audit is scheduled for March of 2022.

C. Summary of Assessment Process

The assessment process is dictated by the United States Coast Guard in accordance with the International Maritime Organization's Standards of Training, Certification and Watchkeeping for Seafarers (STCW). In accordance with STCW, each student is required to demonstrate knowledge, understanding and proficiency on hundreds of tasks or knowledge elements as required by international standards. Students who do not achieve the required level of performance do not receive passing grades in the courses and do not graduate.

The rubrics for assessment are standard for all certified programs in the US. The assessments selected represent only a handful of those which are required to be assessed each year in accordance with STCW for every graduate from the MT program. They were selected based on their specific alignment with the PLOs.

There is no sampling strategy needed, as instructors maintain documentation of every student's completion of the assessment and the date on which that student achieved successful completion.

Due to the nature of the STCW requirements, the success with students achieving the PLO's will be nearly 100 percent every year. During the course there may be multiple opportunities

