FLORIDA ATLANTIC UNIVERSITY

NEW/CHANGE PROGRAM REQUEST
Graduate Programs

UGPC Approval _____
UFS Approval _____
Banner Posted _____
Catalog _____

Department Ocean and Mechanical Engineering

College Engineering and Computer Science

Program Name
Marine Engineering Management Certificate

☐ **New Program**

☑ **Change Program**

Effective Date
(TERM & YEAR)
Spring 2019

Please explain the requested change(s) and offer rationale below or on an attachment

We request to delete the Marine Engineering Management Certificate from the catalog. It has not been active in the last 3 years. One of the courses is no longer offered. Another course is 4000 - level, and cannot be counted in a graduate certificate.

Faculty Contact/Email/Phone
Dr. Mihaela Cardei / mcardei@fau.edu / 561-297-3459

Consult and list departments that may be affected by the change(s) and attach documentation

Approved by	***Date***
Department Chair	9-4-18
College Curriculum Chair	9-13-18
College Dean	9-14-2018
UGPC Chair	10-10-18
UGC Chair	10/10/18
Graduate College Dean	10/10/2018
UFS President	
Provost	

Email this form and attachments to UGPC@fau.edu one week before the UGPC meeting so that materials may be viewed on the UGPC website prior to the meeting.

GRADUATE COLLEGE

SEP 20 2018

Received

College of Engineering and Computer Science

BACHELOR'S PROGRAM INFORMATION

COMBINED PROGRAM INFORMATION

MASTER'S PROGRAM INFORMATION

INTERDISCIPLINARY MINOR AND CERTIFICATE

DOCTORAL PROGRAM INFORMATION

ACADEMIC ENVIRONMENT

DEPARTMENTS
CIVIL, ENVIRONMENTAL AND GEOMATICS ENGINEERING

COMPUTER & ELECTRICAL ENGINEERING AND COMPUTER SCIENCE

OCEAN AND MECHANICAL ENGINEERING

Link to Course Descriptions for the College of Engineering and Computer Science

Accreditation: Baccalaureate degree programs in Civil, Computer, Electrical, Geomatics, Mechanical and Ocean Engineering are accredited by the Engineering Accreditation Commission (EAC) of ABET. The baccalaureate program in Computer Science is accredited by the Computing Accreditation Commission (CAC) of ABET.

The College of Engineering and Computer Science offers undergraduate degree programs in Civil Engineering, Computer Engineering, Computer Science, Electrical Engineering, Environmental Engineering, Geomatics Engineering, Mechanical Engineering and Ocean Engineering. Minors in Computer Science and Geomatics Engineering and a certificate in Surveying and Mapping are also available.

Graduate programs are offered to qualified persons who have sufficient and satisfactory undergraduate preparation. Master's degrees (with or without thesis) and Ph.D. degrees are offered in Computer Engineering, Computer Science, Electrical Engineering, Mechanical Engineering and Ocean Engineering. Master's degrees are also offered in Bioengineering and Civil Engineering. Certificates in Big Data Analytics, Bioengineering, Corrosion, Cyber Security, ~~Marine Engineering Management~~, Offshore Engineering and Transportation Engineering are also available.

Combined Bachelor of Science to Master of Science degree programs are offered in all of the College's departments. Among the programs' advantages, students may count a maximum of 9 credits in approved graduate-level courses toward both the B.S. and M.S. degrees.

For highly motivated undergraduate students, the B.S. to Ph.D. program, an option in all of the College's doctoral programs, may be desirable. See admission and degree requirements later in this section. Course offerings, admission and degree requirements are given in the individual program descriptions that follow. Additional information is available from the respective departments or from the College of Engineering and Computer Science website at www.eng.fau.edu.

~~**Marine Engineering Management Certificate**~~

~~The graduate certificate in Marine Engineering Management is open to students from FAU and elsewhere. It is also open to industry professionals who hold a bachelor's degree in Engineering or related fields and are working in the mechanical, electrical, ocean, marine and transportation areas. The program is taught by FAU faculty from all departments in the College of Engineering and Computer Science and administered by the College's dean's office.~~

~~Minimum admission requirements include a bachelor's degree in engineering or a related field such as science and demonstrated competence on a university transcript (GRE scores are not required). Program courses are offered either at the Boca campus or the SeaTech facility in Dania Beach and are scheduled to facilitate completion of the~~

certificate requirements in one year.

Certificate Requirements
Students should complete five courses totaling at least 15 credits with a grade of "B" or better that are focused on the application of engineering principles to naval architecture, marine transportation, port security and system engineering.

Core Courses (9 credits)		
Hydrodynamic Aspects of Ship Design	EOC 6515	3
Project Management	MAN 6581	3
Entrepreneurship, Creativity and Innovation	MAN 6299	3
Elective Courses (6 credits) *(Two additional courses must be taken in a student-related field of study with the satisfaction of the prerequisites for the courses or permission of the instructor if applicable.)*		
Introduction to Microcontrollers	EEL 4746	3
A 5000- or 6000-level course from the College of Engineering and Computer Science		3