

KINGSBOROUGH COMMUNITY COLLEGE  
The City University of New York

CURRICULUM TRANSMITTAL COVER PAGE

Department: Tourism and Hospitality Date: 9/12/17

Title Of Course Or Degree: A.A.S. in Maritime Technology

Change(s) Initiated: (Please check)

- |   |  |
|---|--|
| <input type="checkbox"/> Closing of Degree        | <input checked="" type="checkbox"/> Change in Degree or Certificate Requirements |
| <input type="checkbox"/> Closing of Certificate   | <input type="checkbox"/> Change in Degree Requirements (adding concentration)    |
| <input type="checkbox"/> New Certificate Proposal | <input type="checkbox"/> Change in Pre/Co-Requisite                              |
| <input type="checkbox"/> New Degree Proposal      | <input type="checkbox"/> Change in Course Designation                            |
| <input type="checkbox"/> New Course               | <input type="checkbox"/> Change in Course Description                            |
| <input type="checkbox"/> New 82 Course            | <input type="checkbox"/> Change in Course Title, Numbers Credit and/or Hour      |
| <input type="checkbox"/> Deletion of Course       | <input type="checkbox"/> Change in Academic Policy                               |
|   | <input type="checkbox"/> Pathways Submission:                                    |
|   | <input type="checkbox"/> Life and Physical Science                               |
|   | <input type="checkbox"/> Math and Quantitative Reasoning                         |
|   | <input type="checkbox"/> A. World Cultures and Global Issues                     |
|   | <input type="checkbox"/> B. U.S. Experience in its Diversity                     |
|   | <input type="checkbox"/> C. Creative Expression                                  |
|   | <input type="checkbox"/> D. Individual and Society                               |
|   | <input type="checkbox"/> E. Scientific World                                     |

Other (please describe): \_\_\_\_\_

PLEASE ATTACH MATERIAL TO ILLUSTRATE AND EXPLAIN ALL CHANGES

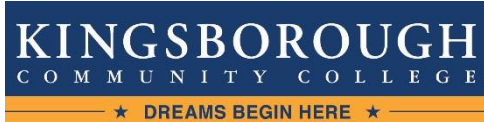
DEPARTMENTAL ACTION

Action by Department and/or Departmental Committee, if required:

Date Approved: 9/12/17 Signature, Committee Chairperson: \_\_\_\_\_

I have reviewed the attached material/proposal

Signature, Department Chairperson: \_\_\_\_\_



TO: Fall 2017 Curriculum Committee

FROM: Department of Tourism and Hospitality, Chair: Anthony Borgese

DATE: September 12, 2017

RE: Changes in the A.A.S. in Maritime Technology

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The Department of Tourism and Hospitality is proposing that the A.A.S. in Maritime Technology be changes as follows:

1. **Delete the Maritime Technicians Concentration:**  
Rationale: In practice, we have found that our maritime students do not take this concentration because of the required math and computer science courses (MAT 900, MAT 2000, and CP 500) and because it no longer leads to jobs within the maritime industry.
2. **Change three electives to Required Courses:**  
Rationale: Although most of our students take these courses as electives, it is important to ensure that these courses are taken by all majors by having them required rather than optional. They provide a necessary skill-set for the industry. These courses include MT 4600, Advanced Outboard, MT 5700, Vessel Systems, Theory, Maintenance and Troubleshooting, and MT 5800, Advanced Welding. As the Program Learning Outcomes for these courses were already incorporated into the degree, there is no need for further change.
3. **Expand students' science option in the Life and Physical Sciences Core:**  
Rationale: EPS 3200, Oceanography is currently the "designated course" for fulfilling Required Core: Life and Physical Sciences for the degree. However, we wish to expand the options for students who may not necessarily want a career in ocean research, however, knowledge of Earth and Planetary Sciences is required for the industry, in turn we are proposing changing this requirement to include any Earth and Planetary Science is required to fulfill the Required Core: Life and Physical Sciences for the degree.

Add/Delete/  
Change

**A.A.S. MARITIME TECHNOLOGY**

Department: Tourism and Hospitality  
Total credits: 60

**COLLEGE REQUIREMENTS**

CREDITS

• Successful completion of the CUNY Skills Assessment tests in Reading, Writing, and Math with passing examination scores, unless otherwise exempt, or developmental courses may be required.

**CIVIC ENGAGEMENT EXPERIENCES**

• Two (2) Civic Engagement experiences satisfied by Civic Engagement Certified or Civic Engagement Component courses or approved outside activity.

**WRITING INTENSIVE REQUIREMENT**

• One (1) Writing Intensive course in any discipline is required. Participation in a Learning Community that includes ENG 1200 or 2400 also satisfies this requirement.

**CUNY CORE**

**REQUIRED CORE:** (4 Courses, 13 Credits)

13

When Required Core Courses are specified for a category, they are required for the major

ENG 1200 - English Composition I

3

ENG 2400 - English Composition II

3

Mathematical and Quantitative Reasoning:

3

DELETED ~~For Marine Technician Option:~~

DELETED ~~\_\_\_\_\_ MAT 2000 - Elements of Statistics~~

CHANGE Life and Physical Sciences\*: ~~EPS 3200, Oceanography~~ Any Earth and Planetary Science (EPS) course

4

**FLEXIBLE CORE:** (3 Courses, 9 Credits)

When Flexible Core Courses are specified for a category, they are required for the major  
Nine (9) credits with one (1) course from three (3) Groups A to E. ~~For Marine Technician~~

CHANGE

~~Option Group E is satisfied by Course Shown~~

A. World Cultures & Global Issues

B. U.S. Experience In Its Diversity

C. Creative Expression

D. Individual & Society

E. Scientific World:

DELETED ~~For Marine Technician Option\*:~~

DELETED ~~MAT 900 - College Algebra~~

Each Course Must be in a Different Discipline

CHANGE **DEPARTMENT REQUIREMENTS:** ~~(12 to 13 15 Courses, 30 to 34 38 Credits)~~

HE 3500 - First Aid and Personal Safety

2

MT 3300 - Vessel Technology I

3

MT 3400 - Vessel Technology II

3

MT 4300 - Marina Operations

4

MT 4600 - Coastal Piloting and Seamanship

2

	MT 5000 - Introduction to Outboard Motors	2
	MT 5100 - Introduction to Diesel Engines	2
	MT 5200 - Welding	2
	MT 5300 - Fiberglass, Refrigeration and Hydraulic Repairs	2
	MT 5400 - Low Voltage Electrical Systems	2
	MT 5500 - Marine Electronics	3
	BA 6000 - Introduction to Computer Concepts <del>or</del>	3
DELETE	<del>For Marine Technician Option:</del>	
DELETE	<del>BA 6100 - Spreadsheet Applications in Business</del>	
DELETE	<del>Plus for Marine Technician Option:</del>	
DELETE	<del>CP 500 - Introduction to Computer Programming</del>	4
ADD	MT 5600 - Advanced Outboards	3
ADD	MT 5700 - Vessel Systems, Theory, Maintenance and Troubleshooting	3
ADD	MT 5800 - Advanced Welding	2
CHANGE	<u>ELECTIVES:</u> <del>4-8</del> 0 credits sufficient to meet required total of 60 credits.	

\*This program has a waiver to require particular courses in the Common Core, otherwise more than the minimum credits for the degree may be necessary.

Add/Delete/  
Change

**A.A.S. MARITIME TECHNOLOGY**

Department: Tourism and Hospitality

**Total credits: 60**

**COLLEGE REQUIREMENTS**

**CREDITS**

• Successful completion of the CUNY Skills Assessment tests in Reading, Writing, and Math with passing examination scores, unless otherwise exempt, or developmental courses may be required.

**CIVIC ENGAGEMENT EXPERIENCES**

• Two (2) Civic Engagement experiences satisfied by Civic Engagement Certified or Civic Engagement Component courses or approved outside activity.

**WRITING INTENSIVE REQUIREMENT**

• One (1) Writing Intensive course in any discipline is required. Participation in a Learning Community that includes ENG 1200 or 2400 also satisfies this requirement.

**CUNY CORE**

**REQUIRED CORE:** (4 Courses, 13 Credits)

13

When Required Core Courses are specified for a category, they are required for the major

ENG 1200 - English Composition I

3

ENG 2400 - English Composition II

3

Mathematical and Quantitative Reasoning:

3

Life and Physical Sciences\*: Any Earth and Planetary Science (EPS) course

4

**FLEXIBLE CORE:** (3 Courses, 9 Credits)

When Flexible Core Courses are specified for a category, they are required for the major

Nine (9) credits with one (1) course from three (3) Groups A to E.

A. World Cultures & Global Issues

B. U.S. Experience In Its Diversity

C. Creative Expression

D. Individual & Society

E. Scientific World:

**Each Course Must be in a Different Discipline**

**DEPARTMENT REQUIREMENTS:** ( 15 Courses, 38 Credits)

HE 3500 - First Aid and Personal Safety

2

MT 3300 - Vessel Technology I

3

MT 3400 - Vessel Technology II

3

MT 4300 - Marina Operations

4

MT 4600 - Coastal Piloting and Seamanship

2

MT 5000 - Introduction to Outboard Motors

2

MT 5100 - Introduction to Diesel Engines

2

MT 5200 - Welding

2

MT 5300 - Fiberglass, Refrigeration and Hydraulic Repairs

2

MT 5400 - Low Voltage Electrical Systems

2

MT 5500 - Marine Electronics

3

**PROPOSED**

BA 6000 – Introduction to Computer Concepts <del>or</del>	3
MT 5600 - Advanced Outboards	3
MT 5700 - Vessel Systems, Theory, Maintenance and Troubleshooting	3
MT 5800 - Advanced Welding	2

**ELECTIVES:** 0 credits sufficient to meet required total of 60 credits.

\*This program has a waiver to require particular courses in the Common Core, otherwise more than the minimum credits for the degree may be necessary.