11. Texas A&M University at Galveston

New Course

**MART 205. Marine Surveying. (3-0). Credit 3.** Fundamentals of marine surveying using the various types of maritime surveys; writing survey reports by meeting regulatory and industry standards for submission to maritime clients. Prerequisites: MART 202 and MART 203 (MART majors); or MARA 205 (MARA majors); or MARR 101 (MARR majors); or MARE 100 (MARR-NLO majors); or approval of instructor.
TEXAS A&M UNIVERSITY

AT GALVESTON
TAMUG
NEW COURSE
Texas A&M University
Departmental Request for a New Course
Undergraduate + Graduate + Professional
Submit original form and attach a course syllabus.

1. Request submitted by (Department or Program Name):
   Department of Maritime Transportation

2. Course prefix, number and complete title of course:
   MART 205 Marine Surveying

3. Catalog course description (not to exceed 50 words):
   The course is intended to acquaint the student with the fundamentals of marine surveying and inform student on how to carry out various types of marine surveying and to write survey reports by meeting regulatory and industry standards for submission to maritime clients.

4. Prerequisite(s):
   For MART majors MART 202 & 203, or for MARA majors MARA 206, or MARR majors MARR 101, or for MARR-NLO MARE 205, or approval of instructor

   Cross-listed with: 
   Stacked with:

5. Is this a variable credit course? 
   ☑ No

6. Is this a repeatable course? 
   ☑ No
   If yes, this course may be taken ______ times.
   Will this course be repeated within the same semester? 
   ☑ Yes
   ☑ No

7. This course will be:
   a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)
   b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)

   B.S. Marine Transportation, B.S. Maritime Administration, B.S. Marine Engineering Technology

8. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with those departments. Attach approval letters.

9. Prefix  Course #  Title (excluding punctuation)
    MART  205  MARINE SURVEYING

   Admin. Unit  Act. Year  HCC Code: 12182510  17  010298

   Approval recommended by:
   Chair, Review Committee  7/4/15
   Chair, College Review Committee  7/4/15
   Date

   Submitted to Coordinating Board by:
   Date

   Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 3/10
MART 205 Marine Surveying
Fundamentals of marine surveying using the various types of maritime surveys; writing survey reports by meeting regulatory and industry standards for submission to maritime clients.
MART 205 Marine Surveying
Fall 2016

Instructor: Capt. F. J. Bourgeois
Phone: 409-740-4766
Office Hours: MW 09-1000 & F 09-1100 or by appointment

Class: Lecture: MW 1630-1750 3 hour lecture weekly in Building 3002 Room 106

Course Description: The course is intended to acquaint the student with the fundamentals of Marine Surveying and inform student on how to carry out various types of maritime survey and to write survey reports by meeting regulatory and industry standards for submission to maritime clients.

Learning Outcome/Objective: Students will be able to identify capacity and seaworthiness of various vessels. Student will be able to differentiate techniques needed to properly fulfill marine surveys to maritime industry standards. Student will recognize the proper marine survey documentation required for submission to clients.

Prerequisites: For MART majors MART 202 & 203, or for MARA majors MARA 205, or MARR majors MARR 101, or for MARR-NLO MARE 100, or approval of instructor

Grading:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Participation (absences will affect the portion)</td>
<td>10%</td>
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<tr>
<td>Exams (4 exams at 17.5% each)</td>
<td>70%</td>
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<tr>
<td>Final Exam</td>
<td>20%</td>
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<td>100%</td>
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</tbody>
</table>

Grading Scale:
A=100-90
B=89-80
C=79-70
D=69-60
F <60

Texts:
Nonprogrammable Calculator with a Degree/Minutes/Seconds button & basic trig functions
(Casio fx-115MS-sr or fx-300MS Plus are the one I use, less work for functions)

Course Rules:
- All students must follow the proper attire and grooming standards while in class. It shows you are fit for duty and professionally prepared.
- You must be rested and alert during all class lectures. Sleeping in class will not be tolerated.
- No personal electronics (phones, I-pads, and computers) are allowed in this course, barring special needs or circumstances.
- DO NOT show up late. You are expected to treat every class lecture as you would treat employment: professionally. Come early, and come fit for duty.
- DO NOT bring food, drinks, or tobacco (including dip) into the classroom.
- The instructor expects professional etiquette at all times, including being proactive to participate in class discussions and practical exercises and avoiding carrying on side conversations during class.
- It is the instructor’s responsibility to maintain an organized classroom structure. If your behavior becomes a distraction to anyone, you will be asked to excuse yourself.
• If you do not understand or know the answer, it is your professional responsibility to seek advice on the matter before it becomes a problem. In other words, “Call the Master when in doubt!”
• If your work is not legible, then no credit will be given.
• If you do not put your name on your paper it is an automatic -10 points, even if I figure out whose assignment it is.
• All work must be complete within 30 calendar days of last day of excused absence. No exception. No excuse, then I will not accept work.

Statement on Academic Dishonesty:
For many years Aggies have followed a Code of Honor, "Aggies do not lie, cheat, or steal, nor do they tolerate those who do." As such, it is the responsibility of students and faculty members to help maintain scholastic integrity at the University by refusing to participate in or to tolerate scholastic dishonesty. The Aggie Code of Honor and the Scholastic Dishonesty sections in the TAMUG University handbook will be the standard upon which scholastic integrity will be maintained in this course. It is the responsibility of the student to familiarize themselves with the standards, definitions, and procedures concerning academic dishonesty. Academic dishonesty infractions will result in failure of this course as a minimum sanction. See http://www.tamug.edu/HonorSystem for further information.

The American Disabilities Act (ADA) is a federal non-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this law requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the Counseling Office, Seibol Student Center, or call (409)740-4587. For additional information visit http://www.tamug.edu/counsel/Disabilities.html

TAMUG Statement on Absences:
Information concerning absences is contained in the University Student Rules Section 7. The University views class attendance as an individual student responsibility. All students are expected to attend class and to complete all assignments. Please consult the University Student Rules for reasons for excused absences, detailed procedures & deadlines as well as student grievance procedures (Part III, Section 45). See http://www.tamug.edu/stulife/Academic%20Rules/Rule%207.pdf. All work must be complete within 30 calendar days of last day of excused absence.

Family Educational and Rights to Privacy Act (FERPA):
FERPA is a federal law designed to protect the privacy of educational records, to establish the right of students to inspect and review their educational records and to provide guidelines for the correction of inaccurate and misleading data through informal and formal hearings. To obtain a listing of directory information or to place a hold on any or all of the information, please consult the Admissions and Records Office. Items that can never be identified as public information are a student’s social security number or institutional identification number, citizenship, gender, grades, GPR or class schedule. All efforts will be made in this class to protect your privacy and to ensure confidential treatment of information associated with or generated by your participation in the class.

Statement on Course Evaluations
The PICA (Personalized Instructor/Course Appraisal) is an online course evaluation for Texas A&M. We highly encourage you to complete an evaluation for each course on your schedule. Student input is a critical component used to improve curriculum and teaching. Each faculty member values your input to improve his/her methodology. Your comments can also significantly impact the mix and membership of faculty. The PICA website is available at http://pica.tamu.edu, your Howdy portal, or by scanning.
### MART 404 Detailed Outline

<table>
<thead>
<tr>
<th>Week</th>
<th>Lee/Lab</th>
<th>Subject</th>
<th>Readings</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Lee A</td>
<td>Introduction</td>
<td>Ch. 1</td>
</tr>
<tr>
<td></td>
<td>Lee B</td>
<td>Syllabus</td>
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<td>Equipment</td>
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<td>Barge On-hire/Off-hire Survey</td>
<td>Ch. 7</td>
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<tr>
<td>2</td>
<td>Lee A</td>
<td>Barge Draft Survey</td>
<td>Ch. 4</td>
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<tr>
<td></td>
<td>Lee B</td>
<td>Barge Draft Survey (cont.)</td>
<td>Ch. 4</td>
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<tr>
<td>3</td>
<td>Lee A</td>
<td>Barge Draft Survey (cont.)</td>
<td>Ch. 4</td>
</tr>
<tr>
<td></td>
<td>Lee B</td>
<td>Barge Deadweight Survey</td>
<td>Ch. 5</td>
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<tr>
<td>4</td>
<td>Lee</td>
<td>Barge Deadweight Survey</td>
<td>Ch. 5</td>
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<tr>
<td></td>
<td>Lee B</td>
<td><strong>Test # 1 Weeks 1-4</strong></td>
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<tr>
<td>5</td>
<td>Lee A</td>
<td>Ship Draft Survey</td>
<td>Ch. 2</td>
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<td>Lee B</td>
<td>Ship Draft Survey (cont.)</td>
<td>Ch. 2</td>
</tr>
<tr>
<td>6</td>
<td>Lee A</td>
<td>Ship Draft Survey (cont.)</td>
<td>Ch. 2</td>
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<td></td>
<td>Lee B</td>
<td>Ship Draft Survey (cont.)</td>
<td>Ch. 2</td>
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<tr>
<td>7</td>
<td>Lee A</td>
<td><strong>Test # 2 Weeks 4-6</strong></td>
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<td>Lee B</td>
<td>Ship Deadweight Survey</td>
<td>Ch. 3</td>
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<tr>
<td>8</td>
<td>Lee A</td>
<td>Practice Soundings, Ullages, &amp; Freeboard</td>
<td>Ch. 6</td>
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<tr>
<td></td>
<td>Lee B</td>
<td>Ship On-hire/Off-hire Survey</td>
<td>Ch. 6</td>
</tr>
<tr>
<td>9</td>
<td>Lee A</td>
<td>Ship On-hire/Off-hire Survey</td>
<td>Ch. 6</td>
</tr>
<tr>
<td></td>
<td>Lee B</td>
<td>Tug/Crewboat/Supply Boat On-hire Survey</td>
<td>Ch. 6</td>
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<tr>
<td>10</td>
<td>Lee A</td>
<td><strong>Test # 3 Weeks 8-9</strong></td>
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<td>Lee B</td>
<td>Vessel Attendance/Cargo Condition Surveys</td>
<td>Ch. 10 &amp; 11</td>
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<td>11</td>
<td>Lee A</td>
<td>Ship/Boat/Barge Damage Survey</td>
<td>Ch. 12</td>
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<td></td>
<td>Lee B</td>
<td>Ship/Boat/Barge Damage Survey (cont.)</td>
<td>Ch. 12</td>
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<tr>
<td>12</td>
<td>Lee A</td>
<td>Dock Damage Survey</td>
<td>Ch. 13</td>
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<td>Dead Freight Survey</td>
<td>Ch. 14</td>
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<td>13</td>
<td>Lee A</td>
<td>Dead Freight Survey (cont.)</td>
<td>Ch. 14</td>
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<td>Lee B</td>
<td>Regulations &amp; Documentation</td>
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<tr>
<td>14</td>
<td>Lee A</td>
<td>Regulations &amp; Documentation</td>
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<td>Lee B</td>
<td><strong>Test # 4 Weeks 12-14</strong></td>
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<td>15</td>
<td>FINAL</td>
<td>Comprehensive of all subject matter &amp; multiple choice questions</td>
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<td>Do not plan to leave until after the final date specified in the academic final schedule</td>
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Academic Integrity Statement and Policy

"An Aggie does not lie, cheat, or steal or tolerate those who do."

All syllabi should contain a section that states the above Aggie Honor Code and refers the student to the Honor Council Rules and Procedures on the web: http://www.tamug.edu/HonorSystem. It is further recommended that instructors print the following on assignment and examinations:

"On my honor, as an Aggie, I have neither given nor received unauthorized aid on this academic work."

Homework Policy
I understand all homework must be turned in on the due date and all work shown for credit. If there is an excused absence, I will have the work in within 1 week of return to duty date.

[Signature of the Student] [Date]
[Student Name Printed] MART 205