

concurrent enrollment be enforced?

- 6. 02/28/19 9:07 am
Meredith Zalesak (zalesakm):
Approved for GV Committee Preparer UG
- 7. 03/04/19 3:26 pm
Meredith Zalesak (zalesakm):
Approved for GV Committee Chair UG
- 8. 03/05/19 9:53 pm
Patrick Louchouarn (loup): Approved for GV College Dean UG
- 9. 03/08/19 3:34 pm
Sandra Williams (sandra-williams):
Approved for UCC Preparer
- 10. 04/08/19 2:44 pm
Sandra Williams (sandra-williams):
Approved for UCC Chair

Enforced Prerequisites / Concurrent Enrollment

And/Or	(Course Prefix/Number	Min Grade/Score	Academic Level)	Concurrency?
		MART 204	C	UG		
And		MART 200	C	UG		
And		MART 201	C	UG		

Crosslistings No Crosslisted With

Stacked No Stacked with

Semester 3 Contact Lecture: 2 Lab: 3 Other: 0 Total 5
 Credit Hour(s) (per week):
 Repeatability for credit? No
 CIP/Fund Code 4903090012
 Default Grade Mode Letter Grade (G)
 Method of instruction Lecture and Laboratory

Will this course be taught at another branch? No

Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) No

Will this course be taught as a distance education course? No

Is 100% of this course going to be taught in Texas? Yes

Will classroom space be needed for this course? Yes

This will be a required course or an elective course for the following programs:

Required (select program)

Elective (select program)

Program(s)
(BS-MARS-LIO) Marine Sciences - BS, License Option
(BS-MARB-LIO) Marine Biology - BS, License Option
(BS-MART) Marine Transportation - BS

Has/will this course be(en) submitted for core curriculum consideration? No

Has/will this course be(en) submitted for Writing or Communication consideration? No

Has/will this course be(en) submitted for ICD or CD consideration? No

Course Syllabus

Syllabus: Upload syllabus

Upload syllabus [CAR Syllabus\(5\).pdf](#)

Letters of support or other documentation No

Additional information

Reviewer Comments

Augusta Roth (rotha) (01/23/19 4:47 pm): Rollback: Check your time for the second lab. It is not a full 3 hours. Please proof the syllabus for any other possible typos. The committee will find something and most likely roll it back, so be meticulous.

Terra Bissett (t.bissett) (01/28/19 1:11 pm): Minor edits made to abbreviated title, catalog course description, prerequisites and enforced prerequisite table to comply with catalog style guide.

Terra Bissett (t.bissett) (01/28/19 1:12 pm): Rollback: CIP Code should only be 10 numerical digits (no decimals); Syllabus: please update course number and title to match form; Learning Outcomes must be both observable and measurable – committees will question the use of “understand”; Please update the course number under “Attendance” section and class schedule – it is currently showing MART 489.

Terra Bissett (t.bissett) (01/29/19 4:42 pm): Updates received.

Sandra Williams (sandra-williams) (04/08/19 2:44 pm): UCC approved April 2019.

Key: 19021



Course title and number: MART 265: Introduction to Dynamic Positioning OSVDPA Phase 1
Term: Spring 2020

Meeting times and location:

<i>Section</i>		<i>Time</i>	<i>Location</i>
Lecture	F	0900 - 1040	ENGR 102A
Lab 401	R	1100 - 1350	ENGR 108C
Lab 402	R	1420 - 1710	ENGR 108C

Catalog Description

3 Credit Course with 2 lecture hours and 3 lab hours.

Levels: Graduate, Undergraduate

Course Description and Prerequisites

Basic understanding and operation of Dynamic Positioning technology. Theory and nomenclature of Dynamic Positioning principles and equipment. Practical training utilizing Class C simulators. Operating, maneuvering, and familiarizing with simulated DP vessels. Satisfactory completion of this course provides the student entry in to the Offshore Service Vessel Dynamic Positioning Authority (OSVDPA) scheme *Prerequisite: Grade of C or better in MART 201, 204, and 200; sophomore or junior classification.*

Learning Outcomes

At the completion of this course, students will be able to: recognize basic Dynamic Positioning principles, perform fundamental vessel handling tasks; demonstrate practical operation of equipment; and outline fundamental aspects regarding vessel's power supply, maneuvering capability, reference systems, and equipment capabilities.

Instructor Information

Name Captain Kate Fossati and Mate Joseph Faris
Telephone number 409-740-4581; 409-740-4766
Email address katefossati@tamug.edu; jfaris@tamug.edu
Office hours W 1400 – 1700; R 0900-1100; Call or email to schedule an appointment.
Office location ENGR #108E (Simulator Building); Kirkham Hall

Textbook and/or Resource Material

Dynamic Positioning: Theory and Practices Capt. KC Shukla
IMCA M 103 Guidelines for the design and operation of dynamically positioned vessels, Rev. 2,
IMCA

Materials will ALWAYS be needed for class. If you fail to have all materials during class or an exam you will not be allowed to share and will be graded on what you attempt to complete.

Grading Policies & Scale

Standard Letter Grading Scale:

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

Your cumulative test and final average must be at least a 70% to receive a “C” or better in the course. I round up final letter grades only if you receive a numerical score of **XX.5% or higher**. For example, if you earn an 89.44% for the term, you earn a “B.”

Weight

Three Exams (Each worth 16.6%)	50%
Project	15%
Homework and Assessments	15%
Final (Cumulative)	20%

Exams and the Final

Each examination will be equally weighted. Exams will range from a mix of short answer, fill-in-the-blank, multiple choice, true-false or practical exams utilizing the simulator. Be thoroughly familiar with assigned readings and our discussions. I emphasize **competency** of the material in my tests.

The final will be cumulative.

Class Rules:

Attendance. If you need to miss, you are required to complete a **hardcopy** explanatory statement. My policy on absences **strictly models Texas A&M Student Rule 7** (<https://student-rules.tamu.edu/rule07/>), including the excuses at Rule 7.1. Pay careful attention to Rule 7.3 regarding **missing graded evolutions**, and **providing timely notification**. MART 265 will follow Rule 7.1.6, if injury or illness is too severe to attend class the student must provide: 1. Texas A&M University Explanatory Statement of Absence from Class. 2. Confirmation of visit to a health care professional affirming date and time of visit. Please see the “STCW and Coast Guard Policies” section, below, for our make-up policy.

Tardiness. Because late arrivals are distracting, and unbecoming the maritime professional, your lab or lecture grade will be **reduced**. Quizzes and attendance sheets will be handed out at the beginning of class

Electronics. You may not have a personal electronic device in your hands or on your person during lecture or lab, unless you have special learning needs and receive approval in advance. During class, your phone belongs in your residence, car, or backpack – not in your hand or pocket. Under no circumstance may you make a video, photo, or audio recording of any portion of the course without advanced permission of the instructor. Classroom behavior that seriously interferes with either (1) the instructor’s ability to conduct the class or (2) the ability of other students to profit from the instructional program will not be tolerated. Therefore, per Student Rule 21, **you will be subject to disciplinary action for a violation of this rule.**

Labs and classroom. You may not bring food or tobacco into any lecture or lab. All beverages must be covered.

Rest and grooming. **You will be excused if you appear to be intoxicated, hung over, or inadequately rested.** Furthermore, just as you must be properly outfitted for standing watch, you must come to class and lab in the proper uniform, and properly groomed (including clean-shaven for male cadets). Uniforms will be worn from 0700 – 1700 each school day. Midshipmen attending MART classes on or after 1700 must be in the proper uniform. **If you fail to comply with grooming regulations a formal nonconformity will be written and you will be disciplined accordingly** (Midshipman Instruction Manual & Corps Operations Manual).

Other Conduct. It is the instructor's responsibility to maintain an organized classroom structure. In addition to the above, if your behavior becomes a distraction to the instructor or your fellow students, your professionalism grade will be impacted. Student Rule 21 states when a student's behavior in a class is so seriously disruptive as to compel immediate action, the instructor has the authority to remove a student from the class on an interim basis, pending an informal hearing on the behavior.

Attendance. A strict absence limit applies to this course. Multiple absences may result in course failure.

Make-up. If I excuse your absence, you will be given the opportunity to make-up the missed work.

Project

You will be assigned a Dynamic Positioning related project to complete. The project will relate to the understanding of general Class 2 and 3 vessels. Project details will be handed out within the first few weeks of the semester.

Homework

Due to the limited amount of time in class and lab, you will be assigned homework to further your understanding of the topic. This allows me, the Professor, the opportunity to adjust curriculum according to student needs and understanding. All homework will be assigned a due date, if your submission is not submitted on the assigned date you will be deducted a minimum of 50%. You will have one additional week to complete the assignment for 50% credit. After one week from the deadline the work will be considered a 0%.

Americans with Disabilities Act (ADA)

. The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation 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, Seibel Student Center, or call (409)740-4587. For additional information visit <http://www.tamug.edu/counsel/Disabilities.html>.

Statement on the Family Educational Rights and Privacy Act (FERPA)

FERPA is a federal law designed to protect the privacy of educational records by limiting access to these 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 this information, please consult the Admissions & 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.

Information Dissemination

Grades and records of STCW assessments posted on eCampus are for informational purposes only and are unofficial. I maintain an official gradebook and an official assessment record book. If you wish to confirm your grades from these official records, you may stop by during Office Hours.

Academic Integrity

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

For additional information please visit: <http://www.tamug.edu/HonorSystem>

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>.

MART 265 Spring 2020 Syllabus			
Week (of)		Topic*	Capt. Shukla: Dynamic Positioning Theory & Practices
1 (Jan. 14)	Lec	Introduction & Syllabus	
	Lab	Simulator Familiarization	
2 (Jan. 21)	Lec	DP Modes and Settings	Pg. 149-180
	Lab	Elements of DP System	
3 (Jan. 28)	Lec	Design, Alarm, and Message System	Pg. 55-58
	Lab	Practical Exercise: DP Modes, Alarms, and Settings	
4 (Feb. 4)	Lec	Propulsion Systems –	Pg. 8-10; 127-130
	Lab	Practical Exercise: Box Move with Challenger	
5 (Feb. 11)	Lec	Sensors	Pg. 123-125
	Lab	Practical Exercise: Sensors, Trends, and Voting	
6 (Feb. 18)	Lec	Sensors	Pg. 123-125
	Lab	Practical Exercise: PRS Drift, Reference Origin and Settings - Exam 1	
7 (Feb. 25)	Lec	Introduction to GNSS and Acoustics	Pg. 93-95; 115-121
	Lab	Practical Exercise: Exercise/Field Visit	
8 (March 4)	Lec	Position Reference Systems	Pg. 23-28
	Lab	Practical Exercise: Introduction to 500m Checklist	
(March 11)	Lec	Spring Break	
	Lab	Spring Break	
9 (March 18)	Lec	Power Management	Pg. 47-51
	Lab	Practical Exercise: Power Management	
10 (March 25)	Lec	DP Set-Up and Arrival – Exam 2	
	Lab	Practical Exercise: OSV Arrival	
11 (April 1)	Lec	Operational Planning	Pg. 73-90
	Lab	Practical Exercise: Controllers, Quick Model, and Operations	

12 (April 8)	Lec	Checklists and Trials	Pg. 133-139
	Lab	Practical Exercise: Auto-Track and Follow Target	
13 (April 15)	Lec A	Summary of Set-Up, Checklists, and Planning	
	Lab	Assess on Class C Simulators – Exam 3	
14 (April 22)	Lec A	Failure Mode and Effects Analysis	
	Lab	Practical Exercise: Review on System Functions	
15 (April 29)	Lec A	Finals Week	
	Lab	Finals Week	
TBD		Final Exam: University schedule May 2-7	

This schedule is subject to change. In the situation a date, class, test or assignment changes, notification will be given in ample time.