40. Texas A&M University at Galveston

a. New Courses

**DIVE 250. SCUBA Diving I. (2-2). Credit 3.** Fundamental academic knowledge and practical application of SCUBA diving practices and theory; introduction to diving tables and diving physiology. Prerequisite: Must complete a medical statement showing no contraindications to diving, or have a recreational SCUBA diver's physical examination.

**DIVE 251. SCUBA Diving II. (2-2). Credit 3.** Methods to promote safe, self-reliant diving and improve the diver's comfort, coordination and strength in the water; to build competency in dive planning and organization. Prerequisite: Must complete a medical statement showing no contraindications to diving, or have a recreational SCUBA diver's physical examination; open water certification from a nationally recognized agency; Divers Alert Network (DAN) insurance or equivalent.

**DIVE 330. Rescue Diving. (2-2). Credit 3.** Relates skills necessary to perform basic life support, administer first aid, evacuate victim, assist and rescue other divers in water; illustrate proper dive planning; practice accident prevention and effective accident management. Prerequisites: Must complete a medical statement showing no contraindications to diving, or have a recreational SCUBA diver's physical examination; certification as a SDI SCUBA diver or equivalent; Divers Alert Network (DAN) diving accident insurance or equivalent.

**DIVE 331. Alternative Diving Technology. (2-2). Credit 3.** Illustrates the realities of operating in the scientific, public safety and military diving disciplines; practice real world training scenarios involving multiple aspects of each of the three fields. Prerequisites: Must complete a medical statement showing no contraindications to diving, or have a recreational SCUBA diver's physical examination (or AAUS physical if rating with AAUS); certification as an Advanced and Rescue Diver or equivalent; Divers Alert Network (DAN) diving accident insurance or equivalent; junior or senior classification or approval of instructor.

**DIVE 357. Dive Leadership – Divemaster. (2-2). Credit 3.** Examines divemaster-level dive knowledge, dive leadership theory and application, presentations skills, physical diving skills, logistics and planning, and operational execution; develops a multi-environment capable diving leader. Prerequisites: Must complete a medical statement showing no contraindications to diving, or have a recreational SCUBA diver's physical examination; certification as a SDI Advanced SCUBA Diver and SDI SCUBA Rescue Diver or equivalent; 60 varied dives logged; current certifications in First Aid, CPR and Emergency Oxygen Administration; Divers Alert Network (DAN) diving accident insurance or equivalent; junior or senior classification or approval of instructor.

**DIVE 457. Dive Leadership – Instructor. (2-2). Credit 3.** Apply effective methods to teach skin and SCUBA diving in compliance with training agency instructional standards; evaluate instructional level dive knowledge, water skills and presentation performance in accordance with training agency teaching standards. Prerequisites: Recreational SCUBA diver's medical evaluation; certification as a SCUBA divemaster or equivalent; 100 varied dives logged; current certification in First Aid, CPR and Emergency Oxygen Administration; Divers Alert Network (DAN) diving accident insurance or equivalent; junior or senior classification or approval of instructor.

b. Withdrawal of Courses
c. Change in Course

**MASE 319. Naval Architecture Design I.**

Prerequisites

From: CVEN 311, CVEN 345; MASE 221, MASE 214. Junior or senior classification or approval of instructor. Enrollment in OCSE major degree sequence.

To: CVEN 311 and CVEN 345 or concurrent enrollment; MASE 221 and MASE 214 or concurrent enrollment; junior or senior classification or approval of instructor; enrollment in OCSE major degree sequence.

CIP code

From: 1424010006.

To: 1422010006.
Texas A&M University

at Galveston
TAMUG
NEW COURSES
Texas A&M University
Departmental Request for a New Course
Undergraduate • Graduate • Professional
Submit original form and attach a course syllabus.

Form Instructions

1. Course request type: ☑ Undergraduate  ☐ Graduate  ☐ First Professional (DDS, MD, JD, PharmD, DPM)

2. Request submitted by (Department or Program Name): Department of Liberal Studies
DIVE 250 SCUBA DIVING I

3. Course prefix, number and complete title of course:

4. Catalog course description (not to exceed 50 words):
Fundamental academic knowledge and practical application of safe SCUBA diving practices and theory; introduction to diving tables and diving physiology.

5. Prerequisite(s): **Must complete a medical statement showing no contraindications to diving, or have a recreational scuba diving certification. Cross-listed with: Stacked with:

6. Is this a variable credit course? ☐ Yes  ☑ No  If yes, from _______ to _______

7. Is this a repeatable course? ☐ Yes  ☑ No  If yes, this course may be taken _______ times.

8. Will this course be repeated within the same semester? ☐ Yes  ☑ No

9. Will this course be submitted to the Core Curriculum Council? ☑ Yes  ☐ No

10. How will this course be graded? ☑ Grade  ☐ S/U  ☑ P/F (C/MD)

11. 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)

   any degree program

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

☐ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls-basics-for-distance-education).

13. Prefix  Course Title (excluding punctuation)

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Approval recommended by:

Department Head or Program Chair (Type Name & Sign)  Date

Chair, College Review Committee  11/19/15

Department Head or Program Chair (Type Name & Sign)  Date

Dean of College  11/19/15

Submitted to Coordinating Board by:

Chair, GC or UCC  Date

Associate Director, Curricular Services  Date

Effective Date  

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 87/14
From page 1:

5. Prerequisites:

**Must complete a medical statement showing no contraindications to diving, or have a recreational scuba diver’s physical examination.**
Justification to develop a new prefix and realign the Diving program at TAMUG

The diving courses were originally aligned with the General Academics degree program due to the State and University level requirements for Physical Education. The physical education component was designated as KINE and the theoretical component was listed as MAST (Maritime Studies) to be as broad based as possible. The diving program truly spans all academic disciplines at the Galveston campus. To create more campus visibility and help clarify the courses offerings, we inquired with TAMU Curricular Services if it would be acceptable to use DIVE as a prefix and house these courses all together in one section of the catalog. The proposal was reviewed and agreed to by all TAMUG academic departments as well as the Aquanautics Operations personnel.

In addition, we would like to change the CIP code for all courses in this program to more accurately reflect the professional nature of this program. In consultation with Jeff Pitts, the Assistant Director of Data & Research Services, it was determined that the most appropriate CIP code would be 49.0304.0012, Diver, Professional and Instructor. The previous CIP Code 36.0108.00 13 is listed under leisure and recreational activities and does not indicate the theoretical and professional depth of this curricula.

**Title:** Diver, Professional and Instructor.

**Definition:** A program that prepares individuals to apply technical knowledge and skills to function as professional deep-water or scuba divers, diving instructors, or diving support personnel. Includes instruction in the use of diving equipment and related specialized gear; diving safety procedures; operation and maintenance of underwater life-support systems; underwater communication systems; decompression systems; underwater salvage; exploration, rescue, and photography; and installation and fitting of underwater mechanical systems and their maintenance, repair or demolition.

To align this program, we request to delete the following courses from the course inventory:
MAST 110, 120, 330, 331, 357, 457

To replace the course deletions, we request to add the following courses to the inventory:
DIVE 250, 251, 330, 331, 357, 457
Texas A&M University at Galveston
DIVE 250 SCUBA DIVING I
Fall 2016

Instructor: Sara Williams
Office: PE 104
Office Phone: 409-740-4928
Fax#: 409-741-4074
Email: williams@tamug.edu

OFFICE HOURS: MW 0900-1030 or by appointment

CLASS MEETING SITES:
Lecture: CLB 114 (MW 1100-1150)
Labs:
TAMUG Pool or GPEF 119/Gymnasium (in inclement weather)
LAB (W) 1500-1700- Bosquez, J.
LAB (R) 1645-1845- Bosquez, J.

LEARNING OUTCOMES:
1. Memorize knowledge required to utilize compressed air as a breathing medium.
2. Identify safe diving through additional experience and practice underwater.
3. Demonstrate comfort, coordination, and strength in the water.
4. Examine various diving systems and equipment.
5. Defend established safe diving principles
6. Develop strategies to increase safety and comfort in a variety of diving environments.

COURSE DESCRIPTION:
Fundamental academic knowledge and practical application of safe SCUBA diving practices and theory; introduction to diving tables and diving physiology.

PREREQUISITES:
1. Must complete a medical statement showing no contraindications to diving, or have a recreational scuba diver’s physical examination.

Required textbook and resource materials:
SDI Open Water Kit: Includes Open Water Manual, TDI US Navy Dive Tables, Student Record Folder and SDI Training Logbook, UW Timing Device, Mask, Fins, Booties, and Snorkel

GRADING POLICY
Open Water Diver Exam 30%
E-learning online 20%
Midterm 30%
Quizzes/Homework 20%

GRADING SCALE:
90 – 100 = A
80 – 89 = B
70 – 79 = C
60 – 69 = D
Below 60 = F
SCUBA CERTIFICATION:
Certification as a diver involves classroom instruction, independent study, practice in confined water and open water evaluation. Participation in the open water certification field trip is a required portion of the course. Certifications will be awarded only when training agency standards and prerequisites have been met; this certification is completely independent of course grade. An unexcused lecture or lab ABSENCE will prevent the student from earning certifications.

ATTENDANCE POLICY

The University views class attendance as an individual student responsibility. All students are expected to attend class and to complete all assignments. Attendance is a critical component of all diving classes and is essential to learning a skill. Additionally, due to the skill progressions found in teaching activities, it is crucial, for safety reasons, to require regular attendance. The instructor is under no obligation to provide an opportunity for the student to make up work missed because of an unauthorized absence. After 10 minutes the student is considered absent.

Excused absences, as defined in Rule 7 of the Texas A&M University Student Rules, http://www.tamug.edu/stulife/Academic_Rules/7_Attendance.html will not result in any point deduction, however written documentation will be required to receive an excused absence. The student is responsible for providing satisfactory evidence to the instructor to substantiate the reason for the absence. Among the reasons absences are considered excused by the university are the following:

1) Participation in an activity that is required for a class and appears on the university authorized activity list at http://www.tamug.edu/stulife/Academic_Rules/7_Attendance.html
2) Death or major illness in a student's immediate family.
3) Illness of a dependent family member.
4) Participation in legal proceedings or administrative procedures that require a student's presence.
5) Religious holy day. NOTE: Prior notification is NOT required. http://dof.tamu.edu/content/religious-observance
6) Injury or illness that is too severe or contagious for the student to attend class.
   a) Injury or illness of three or more class days: Student will provide a medical confirmation note from his or her medical provider within one week of the last date of the absence (see Student Rules 7.1.6.1)
   b) Injury or illness of less than three class days: Student will provide one or both of these (at instructor’s discretion), within one week of the last date of the absence:
      (i.)Texas A&M University Explanatory Statement for Absence from Class form available at http://attendance.tamu.edu
      (ii.) Confirmation of visit to a health care professional affirming date and time of visit.
   c) An absence for a non-acute medical service does not constitute an excused absence.
7) Required participation in military duties.
8) Mandatory admission interviews for professional or graduate school that cannot be rescheduled.
9) Mandatory participation as a student-athlete in NCAA-sanctioned competition.
10) In accordance with Title IX of the Educational Amendments of 1972, Texas A&M University shall treat pregnancy (childbirth, false pregnancy, termination of pregnancy and recovery therefrom) and related conditions as a justification for an excused absence for so long a period of time as is deemed medically necessary by the student’s physician. Requests for excused absence related to pregnancy should be directed to the instructor.
Other absences may be excused at the discretion of the instructor with prior notification and proper documentation.

ATTENTION STUDENTS:
1. It is the responsibility of the student to inform his/her instructor if they have a condition that may impair or influence participation in an activity class (e.g. physical handicap, allergies, use of medications, etc.)
2. Should you become unable to participate in your regular activity class, contact your instructor immediately.
3. The courses in which you have elected to participate are either required as a part of your major or elected. Regardless of the case, you must realize that there is a certain assumption of risk in which you engage when you participate in activity classes such as these. You must be aware of this assumption.

AMERICANS WITH DISABILITIES ACT
The Americans with 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, Seibel Student Center, or call (409)740-4587. For additional information visit http://www.tamug.edu/course/Disabilities.html

ACADEMIC DISHONESTY
For many years, Aggies have followed a Code of Honor, which is stated in this very simple verse: “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 tolerate scholastic dishonesty. The Aggie Code of Honor and the Scholastic Dishonesty sections in the TAMUG University Rules handbook will be standards upon which scholastic integrity is maintained.
http://www.tamug.edu/HonorSystem

FAMILY EDUCATIONAL AND RIGHTS TO 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.

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](http://pica.tamu.edu), your howdy portal.

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Texas A&M University

Departmental Request for a New Course
Undergraduate • Graduate • Professional
• Submit original form and attach a course syllabus.

Form Instructions

1. Course request type: ☐ Undergraduate ☐ Graduate ☐ First Professional (DDS, MD, JD, PharmD, DVM)

2. Request submitted by (Department or Program Name): Department of Liberal Studies

3. Course prefix, number and complete title of course: DIVE 251 SCUBA DIVING II

4. Catalog course description (not to exceed 50 words):
Methods to promote safe, self reliant diving and improve the diver's comfort, coordination and strength in the water, to build competency in dive planning and organization.

5. Prerequisite(s): **Medical statement showing no contraindications to diving, or have a recreational scuba diver's physical examination. Open water certification from a nationally recognized training agency. Please Ask Next Neighbor.**

Cross-listed with: Stacked with:

Cross-listed courses require the signature of both department heads.

6. Is this a variable credit course? ☐ Yes ☐ No
   If yes, from _______ to _______.

7. Is this a repeatable course? ☐ Yes ☐ No
   If yes, this course may be taken ______ times.

   Will this course be repeatable within the same semester? ☐ Yes ☐ No

8. Will this course be submitted to the Core Curriculum Council? ☐ Yes ☐ No

9. How will this course be graded? ☐ Grade ☐ S/U ☐ P/F (CLMD)

10. 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)
      any degree program

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

12. ☐ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export- 
    controls/export-controls-basics-for-distance-education).

13. Prefix | Course # | Title (excluding punctuation)

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Approval recommended by:

John D. Smith
Department Head or Program Chair (Type Name & Sign) Date 11/19/15

Donna Chen
Chair, College Review Committee Date 11/19/15

Department Head or Program Chair (Type Name & Sign) Date 11/19/15
(If cross-listed course)

Submitted to Coordinating Board by:

Chair, GC or UCC Date

Associate Director, Curricular Services Date

Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 07/14
5. Prerequisites:

**Medical statement showing no contraindications to diving, or have a recreational scuba diver's physical examination. Open Water certification from a nationally recognized agency. Divers Alert Network (DAN) Insurance (or equivalent)**
Justification to develop a new prefix and realign the Diving program at TAMUG

The diving courses were originally aligned with the General Academics degree program due to the State and University level requirement for Physical Education. The physical education component was designated as KINE and the theoretical component was listed as MAST (Maritime Studies) to be as broad based as possible. The diving program truly spans all academic disciplines at the Galveston campus. To create more campus visibility and help clarify the courses offerings, we inquired with TAMU Curricular Services. If it would be acceptable to use DIVE as a prefix and house these courses all together in one section of the catalog. The proposal was reviewed and agreed to by all TAMUG academic departments as well as the Aquanautics Operations personnel.

In addition, we would like to change the CIP code for all courses in this program to more accurately reflect the professional nature of this program. In consultation with Jeff Pitts, the Assistant Director of Data & Research Services, it was determined that the most appropriate CIP code would be 49.0304.0012, Diver, Professional and Instructor. The previous CIP Code 36.0108.00 13 is listed under leisure and recreational activities and does not indicate the theoretical and professional depth of this curricula.

Title: Diver, Professional and Instructor.

Definition: A program that prepares individuals to apply technical knowledge and skills to function as professional deep-water or scuba divers, diving instructors, or diving support personnel. Includes instruction in the use of diving equipment and related specialized gear; diving safety procedures; operation and maintenance of underwater life-support systems; underwater communication systems; decompression systems; underwater salvage; exploration, rescue, and photography; and installation and fitting of underwater mechanical systems and their maintenance, repair or demolition.

To align this program, we request to delete the following courses from the course inventory: MAST 110, 120, 330, 331, 357, 457

To replace the course deletions, we request to add the following courses to the inventory: DIVE 250, 251, 330, 331, 357, 457
Texas A&M University at Galveston
SCUBA DIVING II
DIVE 251
Fall 2016

Instructor: Joe Bosquez
Office: SAGC 511
Office Phone: 409-741-4067
Fax#: 409-741-4074
Email: bosquezj@tamug.edu

OFFICE HOURS: MW 0900-1030 or by appointment

CLASS MEETING SITES:
Lecture: CLB 114 (MW 1100-1150)

Labs:
TAMUG Pool or GPEF 110/Gymnasium (in inclement weather)
LAB (W) 1500-1700- Euresti, V.
LAB (R) 1645-1845- Bosquez, J.

COURSE DESCRIPTION:
Methods to promote safe, self-reliant diving and improve the diver's comfort, coordination and strength in the water; to build competency in dive planning and organization.

PREREQUISITES:
1. Medical statement showing no contraindications to diving, or have a recreational scuba diver’s physical examination.
2. Open Water certification from a nationally recognized training agency
3. Divers Alert Network (DAN) Insurance (or equivalent)

MATERIALS/BOOKS REQUIRED:
• SDI Advanced Adventurer Diver Kit (Includes: Advanced Adventurer Student Manual w/ Knowledge Quest (KQ), SDI Night, Navigation and Limited visibility manual w/ KQ, SDI Deeper Diving with Dive computer manual w/ KQ, Plastic EAD Table and US Navy Air Deco table)
• TDI Nitrox Manual Student Kit w/ KQ
• Log Book
• Diving Insurance- obtained by the student at student expense, by second week of class. Details to be discussed on first day of class.

OTHER REQUIRED MATERIALS:
UW Timing Device, Cutting Device, UW Slate, Whistle, 1 Dive Light (2 recommended), Wetsuit, Mask, Fins, Booties, and Snorkel

GRADING FOR DIVE 251
SDI Advanced Adventure Diver Exam 25%  LAB Grade
TDI Understanding Nitrox Exam 25%  Swim Test 15%
Quizzes/Homework 20%  Advanced Skills 40%
LAB GRADE 30%  Pool/ Open water Gear Maintenance 30%

Nitrox Skills 15%
GRADING SCALE:
90 – 100 = A
80 – 89 = B
70 – 79 = C
60 – 69 = D
Below 60 = F

LEARNING OUTCOMES/OBJECTIVES:
1. Describe knowledge required to utilize Nitrox as a breathing medium.
2. Use diving equipment to navigate and complete underwater tasks.
3. Identify safe diving through additional experience and practice underwater.
4. Describe knowledge required to utilize compressed air as a breathing medium.
5. Demonstrate increased comfort, coordination, and strength in the water.
6. Compare several diving environments for comfort and challenge

GRADING SCALE:
90 – 100 = A
80 – 89 = B
70 – 79 = C
60 – 69 = D
Below 60 = F

SCUBA CERTIFICATION:
Certification as a diver involves classroom instruction, independent study, practice in confined water and open water evaluation. Participation in the open water certification field trip is a required portion of the course. Certifications will be awarded only when training agency standards and prerequisites have been met; this certification is completely independent of course grade. An unexcused lecture or lab ABSENCE will prevent the student from earning certifications.

ATTENDANCE POLICY

The University views class attendance as an individual student responsibility. All students are expected to attend class and to complete all assignments. Attendance is a critical component of all diving classes and is essential to learning a skill. Additionally due to the skill progressions found in teaching activities, it is crucial, for safety reasons, to require regular attendance. The instructor is under no obligation to provide an opportunity for the student to make up work missed because of an unauthorized absence. After 10 minutes the student is considered absent.

Excused absences, as defined in Rule 7 of the Texas A&M University Student Rules, http://www.tamug.edu/stulife/Academic_Rules/7_Attendance.html will not result in any point deduction, however written documentation will be required to receive an excused absence. The student is responsible for providing satisfactory evidence to the instructor to substantiate the reason for the absence. Among the reasons absences are considered excused by the university are the following:

1) Participation in an activity that is required for a class and appears on the university authorized activity list at http://www.tamug.edu/stulife/Academic_Rules/7_Attendance.html
2) Death or major illness in a student's immediate family.
3) Illness of a dependent family member.
4) Participation in legal proceedings or administrative procedures that require a student's presence.
5) Religious holy day. NOTE: Prior notification is NOT required. [http://dof.tamu.edu/content/religious-observance](http://dof.tamu.edu/content/religious-observance)
6) Injury or illness that is too severe or contagious for the student to attend class.
   a) Injury or illness of three or more class days: Student will provide a medical confirmation note from his or her medical provider within one week of the last date of the absence (see Student Rules 7.1.6.1)
   b) Injury or illness of less than three class days: Student will provide one or both of these (at instructor's discretion), within one week of the last date of the absence:
      (i.) Texas A&M University Explanatory Statement for Absence from Class form available at [http://attendance.tamu.edu](http://attendance.tamu.edu)
      (ii.) Confirmation of visit to a health care professional affirming date and time of visit.
   c) An absence for a non-acte medical service does not constitute an excused absence.
7) Required participation in military duties.
8) Mandatory admission interviews for professional or graduate school that cannot be rescheduled.
9) Mandatory participation as a student-athlete in NCAA-sanctioned competition.
10) In accordance with Title IX of the Educational Amendments of 1972, Texas A&M University shall treat pregnancy (childbirth, false pregnancy, termination of pregnancy and recovery therefrom) and related conditions as a justification for an excused absence for so long a period of time as is deemed medically necessary by the student's physician. Requests for excused absence related to pregnancy should be directed to the instructor.
Other absences may be excused at the discretion of the instructor with prior notification and proper documentation.

**ATTENTION STUDENTS:**
1. It is the responsibility of the student to inform his/her instructor if they have a condition that may impair or influence participation in an activity class (e.g. physical handicap, allergies, use of medications, etc.)
2. Should you become unable to participate in your regular activity class, contact your instructor immediately.
3. The courses in which you have elected to participate are either required as a part of your major or elected. Regardless of the case, you must realize that there is a certain assumption of risk in which you engage when you participate in activity classes such as these. You must be aware of this assumption.

**AMERICANS WITH DISABILITIES ACT**
The Americans with 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, Seibel Student Center, or call (409)740-4587. For additional information visit [http://www.tamug.edu/counsel/Disabilities.html](http://www.tamug.edu/counsel/Disabilities.html)

**ACADEMIC DISHONESTY**
For many years, Aggies have followed a Code of Honor, which is stated in this very simple verse: "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 tolerate scholastic dishonesty. The Aggie Code of Honor and the Scholastic Dishonesty sections in the TAMUG University Rules handbook will be standards upon which scholastic integrity is maintained.
[http://www.tamug.edu/HonorSystem](http://www.tamug.edu/HonorSystem)

**FAMILY EDUCATIONAL AND RIGHTS TO 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.

**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](http://pica.tamu.edu), your howdy portal.
<table>
<thead>
<tr>
<th>WEEK</th>
<th>LECTURE TOPICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Introduction to SDI Advance Adventure Course, review required materials, BRING A COPY OF CERTIFICATION CARDS AND DIVE INSURANCE.</td>
</tr>
<tr>
<td>1</td>
<td>Review Dive Planning, Introduce ODIGTML</td>
</tr>
<tr>
<td>2</td>
<td>Dive Tables</td>
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<tr>
<td>2</td>
<td>Dive Tables</td>
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<tr>
<td>3</td>
<td>Gas Management SDI Deep Diving CH.2 &amp; 3</td>
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<td>3</td>
<td>SDI Deep Diving CH.7, 8 &amp; 9</td>
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<tr>
<td>4</td>
<td>SDI N&amp;N CH. 1 &amp; 4</td>
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<td>4</td>
<td>SDI N&amp;N CH. 5&amp;6</td>
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<tr>
<td>5</td>
<td>SDI N&amp;N CH. 7</td>
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<tr>
<td>5</td>
<td>TDI Nitrox CH.1 Nitrox History</td>
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<tr>
<td>6</td>
<td>TDI Nitrox CH.2 Principles of Pressure</td>
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<tr>
<td>6</td>
<td>TDI Nitrox CH.3 Physiological Effects of Pressure</td>
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<tr>
<td>7</td>
<td>TDI Nitrox CH.5 Nitrox Concepts</td>
</tr>
<tr>
<td>7</td>
<td>TDI Nitrox CH.6 Nitrox Dive Planning EAD</td>
</tr>
<tr>
<td>8</td>
<td>TDI Nitrox CH.7 Nitrox Dive Planning MOD, Best Mix, T formula</td>
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<tr>
<td>8</td>
<td>Gear Checklist/ Review Open Water Weekend</td>
</tr>
<tr>
<td>9</td>
<td>Open water recap</td>
</tr>
<tr>
<td>9</td>
<td>Calculate CNS% from OWW</td>
</tr>
<tr>
<td>10</td>
<td>Nitrox Review</td>
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<td>10</td>
<td>Nitrox Exam</td>
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<tr>
<td>11</td>
<td>Lift Bag Calculations</td>
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<tr>
<td>11</td>
<td>Review Nitrox Exam</td>
</tr>
<tr>
<td>12</td>
<td>SDI AA CH.6 &amp; 8</td>
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<tr>
<td>12</td>
<td>SDI AA CH.11 &amp; 12</td>
</tr>
<tr>
<td>13</td>
<td>Introduction to Altitude Diving</td>
</tr>
<tr>
<td>13</td>
<td>Altitude Diving Calculations</td>
</tr>
<tr>
<td>14</td>
<td>TBD</td>
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<tr>
<td>14</td>
<td>Review for Final</td>
</tr>
<tr>
<td>15</td>
<td>Advance Final Exam</td>
</tr>
<tr>
<td>15</td>
<td>Last Day of Class</td>
</tr>
</tbody>
</table>
Texas A&M University
Departmental Request for a New Course
Undergraduate • Graduate • Professional
• Submit original form and attach a course syllabus.

Form Instructions

1. Course request type: ☑ Undergraduate ☐ Graduate ☐ First Professional (DMD, MD, JD, PharmD, DPM)

2. Request submitted by (Department or Program Name): Department of Liberal Studies
DIVE 330 RESCUE DIVING

3. Course prefix, number and complete title of course: DIVE 330 RESCUE DIVING

4. Catalog course description (not to exceed 50 words):
Relates skills necessary to perform basic life support, administer dive first aid, evacuate victim, assist/rescue other divers in water; illustrate proper dive planning; practice accident prevention and effective accident management.

5. Prerequisite(s): Must complete a medical statement showing no contraindications to diving, or have a recreational scuba diving certification. Cross-listed with: Stacked with:

6. Is this a variable credit course? ☐ Yes ☑ No If yes, from _______ to _______.

7. Is this a repeatable course? ☐ Yes ☑ No If yes, this course may be taken ______ times.

8. Will this course be repeated within the same semester? ☐ Yes ☑ No

9. Will this course be submitted to the Core Curriculum Council? ☐ Yes ☑ No

10. How will this course be graded? ☑ Grade ☐ S/U ☐ P/F (CLPD)

11. This course will be:
   a. required for students enrolled in the following degree programs(s) (e.g., B.A. in history)

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

13. Prefix Course # Title (excluding punctuation)

<table>
<thead>
<tr>
<th>DIVE</th>
<th>330</th>
<th>RESCUE DIVING</th>
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<tbody>
<tr>
<td>Lec.</td>
<td>Lab</td>
<td>Other</td>
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<tr>
<td>2.00</td>
<td>2.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

Approval recommended by:

Johanna DiGiorgio, 2012 Chair, College Review Committee

Department Head or Program Chair (Type Name & Sign) Date

Chair, GC or UCC Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 07/14
5. Prerequisites:

**Must complete a medical statement showing no contraindications to diving, or have a recreational scuba diver's physical examination. Certification as a SDI Scuba Diver or equivalent. Divers Alert Network (DAN) diving accident insurance (or equivalent).**
Justification to develop a new prefix and realign the Diving program at TAMUG

The diving courses were originally aligned with the General Academics degree program due to the State and University level requirement for Physical Education. The physical education component was designated as KINE and the theoretical component was listed as MAST (Maritime Studies) to be as broad based as possible. The diving program truly spans all academic disciplines at the Galveston campus. To create more campus visibility and help clarify the courses offerings, we inquired with TAMU Curricular Services if it would be acceptable to use DIVE as a prefix and house these courses all together in one section of the catalog. The proposal was reviewed and agreed to by all TAMUG academic departments as well as the Aquanautics Operations personnel.

In addition, we would like to change the CIP code for all courses in this program to more accurately reflect the professional nature of this program. In consultation with Jeff Pitts, the Assistant Director of Data & Research Services, it was determined that the most appropriate CIP code would be 49.0304.0012, Diver, Professional and Instructor. The previous CIP Code 36.0108.00 13 is listed under leisure and recreational activities and does not indicate the theoretical and professional depth of this curricula.

Title: Diver, Professional and Instructor.

Definition: A program that prepares individuals to apply technical knowledge and skills to function as professional deep-water or scuba divers, diving instructors, or diving support personnel. Includes instruction in the use of diving equipment and related specialized gear; diving safety procedures; operation and maintenance of underwater life-support systems; underwater communication systems; decompression systems; underwater salvage; exploration, rescue, and photography; and installation and fitting of underwater mechanical systems and their maintenance, repair or demolition.

To align this program, we request to delete the following courses from the course inventory:
MAST 110, 120, 330, 331, 357, 457

To replace the course deletions, we request to add the following courses to the inventory:
DIVE 250, 251, 330, 331, 357, 457
Texas A&M University at Galveston
SCUBA Rescue Diver
Fall 2016
DIVE 330

Instructors:   E-mail:  Office:  Telephone #:  Fax #:
Joe Bosquez   bosquez@tamug.edu  PE 104  409-740-1928  409-740-4946
Amie Hufton   huftona@tamug.edu  PE 104  409-740-4928  409-740-4946
Mike Ange     Diving Safety Officer  SAGC 500B  409-741-4056  409-741-4056

OFFICE HOURS: MW 0900-1030

CLASS MEETING TIMES AND SITE(S):

Location: GPEF 107 and TAMUG pool
Lecture Wednesday 5-7
Lab M 3-5 (section 401)
Lab M 5-7 (section 402)
Lab R 2:30-4:30 (section 403)

LEARNING OUTCOMES:
1. Design assists and rescues in open water provided the diving site and diving situations approximate those of the course;
2. Demonstrate the First Aid/CPR skills necessary to provide basic life support in the event of an emergency;
3. Compare and contrast methods for effective emergency response
4. Identify factors that cause divers to become stressed or distressed.
5. Describe methods to triage and treat victims
6. Employ equipment creatively to respond to practice scenarios.

COURSE DESCRIPTION:
Relates skills necessary to perform basic life support, administer dive first aid, evacuate victim, assist/rescue other divers in water; illustrate proper dive planning; practice accident prevention and effective accident management.

PREREQUISITES:
1. Must complete a medical statement showing no contraindications to diving, or have a recreational scuba diver’s physical examination.
2. Certification as a SDI SCUBA Diver or equivalent.
3. Divers Alert Network (DAN) diving accident insurance (or equivalent)

REQUIRED MATERIALS/BOOKS:
SDI Rescue Diver Kit, Timing Device, Trauma Shears, Slate, Diver Down by Michael Ange; Whistle, Dive Light, Log Book, Mask, Fins, Snorkel, Wetsuit, Dive Booties, Pocket Mask Diving Insurance- obtained by the student at student expense, by second week of class. Details to be discussed on first day of class.
GRADING:
Rescue Diver Exam 20%
First Aid Exam 10%
CPR/ First Aid/ Emergency O2/ AED Practical Exam 10%
Successful Completion of Open Water Activities 20%
Quizzes/Homework 30%
Project 10%

GRADING SCALE:
90 – 100 = A
80 – 89 = B
70 – 79 = C
60 – 69 = D
Below 60 = F

SCUBA CERTIFICATION:
Certification as a diver involves classroom instruction, independent study, practice in confined water and open water evaluation. Participation in the open water certification field trip is a required portion of the course. Certifications will be awarded only when training agency standards and prerequisites have been met; this certification is completely independent of course grade. An unexcused lecture or lab ABSENCE will prevent the student from earning certifications.

ATTENDANCE POLICY

The University views class attendance as an individual student responsibility. All students are expected to attend class and to complete all assignments. Attendance is a critical component of all diving classes and is essential to learning a skill. Additionally due to the skill progressions found in teaching activities, it is crucial, for safety reasons, to require regular attendance. The instructor is under no obligation to provide an opportunity for the student to make up work missed because of an unauthorized absence. After 10 minutes the student is considered absent.

Excused absences, as defined in Rule 7 of the Texas A&M University Student Rules, http://www.tamug.edu/stulife/Academic_Rules/7_Attendance.html will not result in any point deduction, however written documentation will be required to receive an excused absence. The student is responsible for providing satisfactory evidence to the instructor to substantiate the reason for the absence. Among the reasons absences are considered excused by the university are the following:

1) Participation in an activity that is required for a class and appears on the university authorized activity list at http://www.tamug.edu/stulife/Academic_Rules/7_Attendance.html
2) Death or major illness in a student's immediate family.
3) Illness of a dependent family member.
4) Participation in legal proceedings or administrative procedures that require a student's presence.
5) Religious holy day. NOTE: Prior notification is NOT required. http://dof.tamu.edu/content/religious-observance
6) Injury or illness that is too severe or contagious for the student to attend class.
   a) Injury or illness of three or more class days: Student will provide a medical confirmation note
      from his or her medical provider within one week of the last date of the absence (see Student
      Rules 7.1.6.1)
   b) Injury or illness of less than three class days: Student will provide one or both of these (at
      instructor’s discretion), within one week of the last date of the absence:
      (i)Texas A&M University Explanatory Statement for Absence from Class form available
      at http://attendance.tamu.edu
      (ii) Confirmation of visit to a health care professional affirming date and time of visit.
   c) An absence for a non-acute medical service does not constitute an excused absence.
7) Required participation in military duties.
8) Mandatory admission interviews for professional or graduate school that cannot be
   rescheduled.
9) Mandatory participation as a student-athlete in NCAA-sanctioned competition.
10) In accordance with Title IX of the Educational Amendments of 1972, Texas A&M
    University shall treat pregnancy (childbirth, false pregnancy, termination of pregnancy and
    recovery therefrom) and related conditions as a justification for an excused absence for so long a
    period of time as is deemed medically necessary by the student’s physician. Requests for
    excused absence related to pregnancy should be directed to the instructor.
    Other absences may be excused at the discretion of the instructor with prior notification and
    proper documentation.

ATTENTION STUDENTS:
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   impair or influence participation in an activity class (e.g. physical handicap, allergies, use of
   medications, etc.)
2. Should you become unable to participate in your regular activity class, contact your instructor
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<table>
<thead>
<tr>
<th>WEEK</th>
<th>ACTIVITY (Description)</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Lab Introduction; Dive Locker Safety; Gear Maintenance; Swim test</td>
<td>Will meet at pool. Come in swim attire.</td>
</tr>
<tr>
<td>1</td>
<td>AGGIE GEAR NIGHT @ Island divers 7-9 pm</td>
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</tr>
<tr>
<td>2</td>
<td>O2 Training; CPR/1st Aid/AED</td>
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<tr>
<td>3</td>
<td>Unconscious Diver Rescue (Skin Diver); Scuba Skills Review</td>
<td>Students must have All Gear</td>
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<tr>
<td>4</td>
<td>Diving First Aid/ Field Neuro</td>
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<tr>
<td>5</td>
<td>Unconscious Diver Rescue; Underwater Problem solving and interventions; Gear Stripping</td>
<td></td>
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<tr>
<td>6</td>
<td>Surface Rescues; Panicked Divers (Surface and UW), Lifts/Carries/Exits</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>GMR- Galveston Marine Response; Beach Rescues</td>
<td></td>
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<tr>
<td>8</td>
<td>Small Boat Diving</td>
<td></td>
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<tr>
<td>9</td>
<td>Alternate Gear Configuration Rescue</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>GPD/GSO/HSO - Public Safety Diving</td>
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<tr>
<td>11</td>
<td>Coast Guard</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Chamber- Ocean Corps</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Lab Practicle</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>OPEN WATER WEEKEND- RESCUE</td>
<td>Rescue Weekend at Blue Lagoon in Huntsville, TX -</td>
</tr>
<tr>
<td>14</td>
<td>Rescue Exam</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Review exam, correct missed answers</td>
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</tr>
</tbody>
</table>
Texas A&M University
Departmental Request for a New Course
Undergraduate • Graduate • Professional
• Submit original form and attach a course syllabus.

Form Instructions

1. Course request type: ☑ Undergraduate ☐ Graduate ☐ First Professional (DDS, MD, JD, PharmD, DVM)

2. Request submitted by (Department or Program Name): Department of Liberal Studies

3. Course prefix, number and complete title of course: DIVE 331 Alternative Diving Technology

4. Catalog course description (not to exceed 50 words):
Illustrate the realities of operating in the scientific, public safety and military diving disciplines; practice real-world training scenarios involving multiple aspects of each of the three fields.

5. Prerequisite(s): **Must complete a medical statement showing no contraindications to diving, or have a recreational scuba diving physical examination (OSHA, AAUS, Divetek) and AAUS certification or an advanced and

Cross-listed with: Stacked with:

Cross-listed courses require the signature of both department heads.

6. Is this a variable credit course? ☐ Yes ☑ No If yes, from _______ to _______

7. Is this a repeatable course? ☐ Yes ☑ No If yes, this course may be taken _______ times.

Will this course be repeated within the same semester? ☐ Yes ☑ No

Will this course be submitted to the Core Curriculum Council? ☐ Yes ☑ No

How will this course be graded? ☑ Grade ☐ S/U ☐ P/F (CMS)

10. 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)

any degree program

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

12. ☑ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

13. Prefix Course # Title (excluding punctuation)

<table>
<thead>
<tr>
<th>DIVE</th>
<th>331</th>
<th>ALTERNATIVE DIVING TECHNOLOGY</th>
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</table>

Approval recommended by:

Department Head or Program Chair (Type Name & Sign) Date Chair, College Review Committee Date

Department Head or Program Chair (Type Name & Sign) Date Dean of College Date

Submitted to Coordinating Board by:

Chair, GC or UCC Date Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 07/14
5. Prerequisites:

**Must complete a medical statement showing no contraindications to diving, or have a recreational scuba diver’s physical examination. (OR AAUS Physical if rating with AAUS).  Certification as an Advanced and Rescue Diver or equivalent. Divers Alert Network (DAN diving accident insurance (or equivalent). Junior or senior classification or instructor approval.**
Justification to develop a new prefix and realign the Diving program at TAMUG

The diving courses were originally aligned with the General Academics degree program due to the State and University level requirement for Physical Education. The physical education component was designated as KINE and the theoretical component was listed as MAST (Maritime Studies) to be as broad based as possible. The diving program truly spans all academic disciplines at the Galveston campus. To create more campus visibility and help clarify the courses offerings, we inquired with TAMU Curricular Services if it would be acceptable to use DIVE as a prefix and house these courses all together in one section of the catalog. The proposal was reviewed and agreed to by all TAMUG academic departments as well as the Aquanautics Operations personnel.

In addition, we would like to change the CIP code for all courses in this program to more accurately reflect the professional nature of this program. In consultation with Jeff Pitts, the Assistant Director of Data & Research Services, it was determined that the most appropriate CIP code would be 49.0304.0012, Diver, Professional and Instructor. The previous CIP Code 36.0108.00 13 is listed under leisure and recreational activities and does not indicate the theoretical and professional depth of this curricula.

**Title:** Diver, Professional and Instructor.

**Definition:** A program that prepares individuals to apply technical knowledge and skills to function as professional deep-water or scuba divers, diving instructors, or diving support personnel. Includes instruction in the use of diving equipment and related specialized gear; diving safety procedures; operation and maintenance of underwater life-support systems; underwater communication systems; decompression systems; underwater salvage; exploration, rescue, and photography; and installation and fitting of underwater mechanical systems and their maintenance, repair or demolition.

To align this program, we request to delete the following courses from the course inventory:

MAST 110, 120, 330, 331, 357, 457

To replace the course deletions, we request to add the following courses to the inventory:

DIVE 250, 251, 330, 331, 357, 457
Texas A&M University at Galveston
Alternative Diving Technology – DIVE 331 - Fall 2016

Instructor: Mike Ange, Diving Safety Officer Office: SAGC 510 Tel. No.: 409-741-4056 (off)
E-mail: angem@tamug.edu 409-741-4074 (fax)

OFFICE HOURS - M-Th 0900 – 1200, Fri 1500-1700

CLASS MEETING TIMES AND SITE(S): Class - Fr 0900-1100 Location - TBD;
Lab – Fr 1100 – 1300 Location - TAMUG Pool

LEARNING OUTCOMES:
1. Employ surface supplied diving equipment and techniques;
2. Describe semi closed circuit diving technology and techniques;
3. Practice tasks associated with the public safety, scientific, and military styles of diving;
4. Demonstrate an essential understanding of scientific, public safety and military dive planning and
   execution including risk management;
5. Operate a dive site protocol consistent to the underwater task;
6. Identify and apply the appropriate technology to theoretical underwater research problems

COURSE DESCRIPTION:
Illustrates the realities of operating in the scientific, public safety and military diving disciplines; Practice
real world training scenarios involving multiple aspects of each of the three fields.

PREREQUISITES:
1. Must complete a medical statement showing no contraindications to diving, or have a recreational
   scuba diver’s physical examination (OR AAUS Physical if rating with AAUS).
2. Certification as an Advanced and Rescue Diver or equivalent.
3. Divers Alert Network (DAN) diving accident insurance (or equivalent)
4. Junior or senior classification or instructor approval.

MATERIALS/BOOKS:
Timing Device, Cutting Device, Slate, NOAA Diving Manual, Whistle, Dive Light, Exposure Suit;
Diving Insurance- obtained by the student at student expense, by second week of class. Details to be
discussed on first day of class.

GRADING:
Semi Closed Rebreather Exam & Dive Project 25%
Surface Supplied Exam & Dive Project 25%
FFM & Blending Exams & Operational Project 25%
Alternative Diving Technologies Final Exam 25%

GRADING SCALE:
90 – 100 = A
80 – 89 = B
70 – 79 = C
60 – 69 = D
Below 60 = F

**SCUBA CERTIFICATION:**
Certification as a diver involves classroom instruction, independent study, practice in confined water and open water evaluation. Participation in the open water certification field trip is a required portion of the course. Certifications will be awarded only when training agency standards and prerequisites have been met; this certification is completely independent of course grade. An unexcused lecture or lab ABSENCE will prevent the student from earning certifications.

**ATTENDANCE POLICY**

The University views class attendance as an individual student responsibility. All students are expected to attend class and to complete all assignments. Attendance is a critical component of all diving classes and is essential to learning a skill. Additionally due to the skill progressions found in teaching activities, it is crucial, for safety reasons, to require regular attendance. The instructor is under no obligation to provide an opportunity for the student to make up work missed because of an unauthorized absence. After 10 minutes the student is considered absent.

Excused absences, as defined in Rule 7 of the Texas A&M University Student Rules, [http://www.tamu.edu/stulife/Academic_Rules/7_Attendance.html](http://www.tamu.edu/stulife/Academic_Rules/7_Attendance.html) will not result in any point deduction, however written documentation will be required to receive an excused absence. The student is responsible for providing satisfactory evidence to the instructor to substantiate the reason for the absence. Among the reasons absences are considered excused by the university are the following:

1) Participation in an activity that is required for a class and appears on the university authorized activity list at [http://www.tamu.edu/stulife/Academic_Rules/7_Attendance.html](http://www.tamu.edu/stulife/Academic_Rules/7_Attendance.html)
2) Death or major illness in a student's immediate family.
3) Illness of a dependent family member.
4) Participation in legal proceedings or administrative procedures that require a student's presence.
5) Religious holy day. NOTE: Prior notification is NOT required. [http://dof.tamu.edu/content/religious-observance](http://dof.tamu.edu/content/religious-observance)
6) Injury or illness that is too severe or contagious for the student to attend class.
   a) Injury or illness of three or more class days: Student will provide a medical confirmation note from his or her medical provider within one week of the last date of the absence (see Student Rules 7.1.6.1)
   b) Injury or illness of less than three class days: Student will provide one or both of these (at instructor's discretion), within one week of the last date of the absence:
      (i.)Texas A&M University Explanatory Statement for Absence from Class form available at [http://attendance.tamu.edu](http://attendance.tamu.edu)
      (ii.) Confirmation of visit to a health care professional affirming date and time of visit.
   c) An absence for a non-acute medical service does not constitute an excused absence.
7) Required participation in military duties.
8) Mandatory admission interviews for professional or graduate school that cannot be rescheduled.
9) Mandatory participation as a student-athlete in NCAA-sanctioned competition.
10) In accordance with Title IX of the Educational Amendments of 1972, Texas A&M University shall treat pregnancy (childbirth, false pregnancy, termination of pregnancy and recovery therefrom) and related conditions as a justification for an excused absence for so long a period of time as is deemed
medically necessary by the student’s physician. Requests for excused absence related to pregnancy should be directed to the instructor. Other absences may be excused at the discretion of the instructor with prior notification and proper documentation.

ATTENTION STUDENTS:
1. It is the responsibility of the student to inform his/her instructor if they have a condition that may impaire or influence participation in an activity class (e.g., physical handicap, allergies, use of medications, etc.)

2. Should you become unable to participate in your regular activity class, contact your instructor immediately.

3. The courses in which you have elected to participate are either required as part of your major or elected. Regardless of the case, you must realize that there is a certain assumption of risk in which you engage when you participate in activity classes such as these. You must be aware of this assumption.

AMERICANS WITH DISABILITIES ACT
The Americans with 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, Seibel Student Center, or call (409) 740-4587. For additional information visit http://www.tamug.edu/counsel/Disabilities.html

ACADEMIC DISHONESTY
For many years, Aggies have followed a Code of Honor, which is stated in this very simple verse: “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 tolerate scholastic dishonesty. The Aggie Code of Honor and the Scholastic Dishonesty sections in the TAMUG University Rules handbook will be standards upon which scholastic integrity is maintained.
http://www.tamug.edu/HonorSystem

FAMILY EDUCATIONAL AND RIGHTS TO 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.

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.
<table>
<thead>
<tr>
<th>WEEK</th>
<th>ACTIVITY (DESCRIPTION)</th>
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<tbody>
<tr>
<td></td>
<td>Final Written Exam</td>
</tr>
<tr>
<td>15</td>
<td>Review - Gear Day - HELD NIGHT EXPERIENCE HERE with skills final exams</td>
</tr>
<tr>
<td>14</td>
<td>HOLIDAY</td>
</tr>
<tr>
<td>13</td>
<td>20 &amp; 21 Nov Aquatica Springs Trip SCR &amp; FFM Dives</td>
</tr>
<tr>
<td>12</td>
<td>SCR &amp; FFM Exams - make up and Review SCR &amp; FFM (Lindy Out)</td>
</tr>
<tr>
<td>11</td>
<td>Blender written exam proctored by diversmaster (DEMA)</td>
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<tr>
<td>10</td>
<td>SCR &amp; FFM wet lab - ALL lab</td>
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<tr>
<td>9</td>
<td>FFM class - SCR &amp; FFM wet lab</td>
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<tr>
<td>8</td>
<td>SCR class - Dry lab</td>
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<tr>
<td>7</td>
<td>Gas Blending class and Dry lab</td>
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<tr>
<td>6</td>
<td>HAT'S Written exam proctored by DM - (AALS Symposium)</td>
</tr>
<tr>
<td>5</td>
<td>FRIDAY &amp; SATURDAY HAT Dives boat Bash and then Moody</td>
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<tr>
<td>4</td>
<td>Hat Wet lab - Entire class</td>
</tr>
<tr>
<td>3</td>
<td>Surface Supply academics - all academic lab</td>
</tr>
<tr>
<td>2</td>
<td>Paper work, Swim test - lab Intro</td>
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</table>
Mandatory watermanship evaluations (60 points passing for divers):
All Programs must include the following water skills and physical fitness evaluations, which are in addition to any water skills listed above. These evaluations must all be done at one time, with no more than 5 minutes rest period between skills. Repeat these evaluations at each level, if it has been more than three (3) months since the last evaluation.

Twenty five meter underwater swim on one breath. _______Pass______Fail

**Skill One (20 points)**
Swim for a distance of 900 feet (=12 lengths=6 laps=270 meters). Subtract four minutes from actual time to score handicapped candidates, such as those with a missing limb (e.g., if performed in 12 minutes or less, the score would be 20 points).

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<thead>
<tr>
<th>Time (mm:ss)</th>
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<td>17</td>
<td>12:46 to 13:00</td>
<td>14</td>
<td>14:16 to 14:30</td>
<td>10</td>
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<td>8:01 to 8:40</td>
<td>19.5</td>
<td>11:21 to 11:40</td>
<td>16.5</td>
<td>13:01 to 13:15</td>
<td>13.5</td>
<td>14:31 to 14:45</td>
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<td>12:31 to 12:45</td>
<td>14.5</td>
<td>14:01 to 14:15</td>
<td>11</td>
<td>15:31 to 16:00</td>
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</tbody>
</table>

**SCORE:**

**Skill Two (20 points)**
Swim 1,800 feet (=24 lengths=12 laps=540 meters) using mask, snorkel and fins (swim with fins only; handicapped divers may use both hands and feet).

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<thead>
<tr>
<th>Time (mm:ss)</th>
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<td>16:01 to 16:20</td>
<td>18.5</td>
<td>17:41 to 18:00</td>
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<td>18:41 to 19:00</td>
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<td>18:21 to 18:40</td>
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<td>19:01 to 20:00</td>
<td>06</td>
<td>&gt;21 minutes</td>
<td>00</td>
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</table>

**SCORE:**

**Skill Three (20 points)**
Swim while wearing SCUBA gear on the surface, breathing through a snorkel, for a distance of 800 feet (240 meters). Subtract 3 minutes from actual time to score handicapped candidates, such as those with a missing limb (e.g., if performed in 11 minutes or less, the score would be 20 points).

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<td>10:21 to 10:30</td>
<td>13</td>
<td>11:11 to 11:20</td>
<td>08</td>
<td>&gt;12 minutes</td>
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**SCORE:**

**Skill Four (20 points)**
Swim while wearing SCUBA gear for a distance of 1,800 feet (540 meters). Subtract one minute from actual time for divers using double tanks (e.g., if performed in 17 minutes or less, the score would be 20 points). Subtract two minutes from actual time for divers using double tanks plus two (2) stage tanks (Trinity instructor candidate, e.g., if performed in 19 minutes or less, the score would be 20 points)

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<td>23:01 to 23:10</td>
<td>09</td>
<td>&gt;24 minutes</td>
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**SCORE:**

**Skill Five (20 points)**
Swim for a distance of 50 feet (15 meters), without breathing, and commence gas sharing via alternate second-stage regulator with another diver. While continuing to share gas, swim a distance of 1,200 feet (380 meters). Time for scoring begins when both divers begin swimming while sharing gas. Subtract 5 points for each failed attempt by the diver to complete the 60-foot swim.

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<td>08</td>
<td>&gt;16 minutes</td>
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</table>

**SCORE:**

**Student/Candidate Signature:** __________________________  **Instructor/Trainer Signature:** __________________________

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Texas A&M University

Departmental Request for a New Course

Undergraduate • Graduate • Professional

Submit original form and attach a course syllabus.

1. Course request type:  □ Undergraduate  □ Graduate  □ First Professional (DDS, MD, JD, PharmD, DVM)

2. Request submitted by (Department or Program Name):  Department of Liberal Studies

3. Course prefix, number and complete title of course:
   DIVE 357 DIVE LEADERSHIP- DIVEMASTER

4. Catalog course description (not to exceed 50 words):
   Examines divemaster-level dive knowledge, dive leadership theory and application, presentation skills, physical diving skills, logistics/planning, and operational execution; develops a multi-environment capable diving leader.

5. Prerequisite(s):
   Oxygen Administration, Divers Alert Network (DAN) diving accident insurance (or equivalent). Junior or
   Cross-listed with:
   Stacked with:
   Cross-listed courses require the signature of both department heads.
   If yes, from _____ to _____
   If yes, this course may be taken _____ times.
   Will this course be repeated within the same semester?
   Yes  □ No
   Will this course be submitted to the Core Curriculum Council?
   Yes  □ No
   How will this course be graded:
   □ Grade  □ S/U  □ P/F (CLMIA)

6. Is this a variable credit course?
   Yes  □ No
   If yes, from _____ to _____

7. Is this a repeatable course?
   Yes  □ No
   If yes, this course may be taken _____ times.

8. Will this course be repeated within the same semester?
   Yes  □ No

9. Will this course be submitted to the Core Curriculum Council?
   Yes  □ No

10. How will this course be graded:
    □ Grade  □ S/U  □ P/F (CLMIA)

11. Required for students enrolled in the following degree program(s) (e.g., B.A. in History)
    □ an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)
    □ any degree program

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

13. Prefix  Course #  Title (excluding punctuation)
    DIVE  357  DIVE LEADERSHIP- DIVEMASTER

   Lec.  Lab  Other  SCH  CIP and Fund Code  Admin. Unit  Acad. Year  FICS Code
   2.00  2.00  0.00  3.00  4903040012  1736  18 - 17 0 1 0 2 9 8

   Approval recommended by:
   [Signature]
   Department Head or Program Chair (Type Name & Sign)
   Date
   Chair, College Review Committee
   Date

   [Signature]
   Department Head or Program Chair (Type Name & Sign)
   (if cross-listed course)
   Date
   Dean of College
   Date

   [Signature]
   Submitted to Coordinating Board by:
   Chair, GC or UCC
   Date

   [Signature]
   Associate Director, Curricular Services
   Date

   Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8301 or sandra.williams@tamu.edu.
Curricular Services - 07/14
5. Prerequisites:

**Must complete a medical statement showing no contraindications to diving, or have a recreational scuba diver's physical examination. Certification as a SDI Advanced SCUBA Diver and SDI SCUBA Rescue Diver or equivalent. 60 varied dives logged. Current certifications in First Aid, CPR and Emergency Oxygen Administration. Divers Alert Network (DAN) diving accident insurance (or equivalent). Junior or Senior classification or instructor approval.
Justification to develop a new prefix and realign the Diving program at TAMUG

The diving courses were originally aligned with the General Academics degree program due to the State and University level requirement for Physical Education. The physical education component was designated as KINE and the theoretical component was listed as MAST (Maritime Studies) to be as broad based as possible. The diving program truly spans all academic disciplines at the Galveston campus. To create more campus visibility and help clarify the courses offerings, we inquired with TAMU Curricular Services if it would be acceptable to use DIVE as a prefix and house these courses all together in one section of the catalog. The proposal was reviewed and agreed to by all TAMUG academic departments as well as the Aquanautics Operations personnel.

In addition, we would like to change the CIP code for all courses in this program to more accurately reflect the professional nature of this program. In consultation with Jeff Pitts, the Assistant Director of Data & Research Services, it was determined that the most appropriate CIP code would be 49.0304.0012, Diver, Professional and Instructor. The previous CIP Code 36.0108.00 13 is listed under leisure and recreational activities and does not indicate the theoretical and professional depth of this curricula.

Title: Diver, Professional and Instructor.

Definition: A program that prepares individuals to apply technical knowledge and skills to function as professional deep-water or scuba divers, diving instructors, or diving support personnel. Includes instruction in the use of diving equipment and related specialized gear; diving safety procedures; operation and maintenance of underwater life-support systems; underwater communication systems; decompression systems; underwater salvage; exploration, rescue, and photography; and installation and fitting of underwater mechanical systems and their maintenance, repair or demolition.

To align this program, we request to delete the following courses from the course inventory:
MAST 110, 120, 330, 331, 357, 457

To replace the course deletions, we request to add the following courses to the inventory:
DIVE 250, 251, 330, 331, 357, 457
Texas A&M University at Galveston  
Diving Leadership- Divemaster  
DIVE 357- Fall 2016

Instructors:  
Amie Hufton  
E-mail: huftona@tamu.edu

Office:  
PE 104

Telephone #:  
409-740-4928

Fax #:  
409-740-4946

Office hours: Monday/Wednesday 2-3 pm

CLASS MEETING TIMES AND SITE(S):  
Location: GPBEF 107 and TAMUG pool  
Lecture Wednesday 5-7  
Lab M 3-5 (section 401)

LEARNING OUTCOMES:
1. Recognize and prepare organizational and supervisory techniques on safe open water dives  
   according to SDI and Texas A&M University at Galveston dive program standards;
2. Develop and relate professional dive presentations;
3. Prepare safe and organized dive trips;
4. Evaluate certified divers in refresher training;
5. Distinguish between safe and risky diving behavior and habits
6. Analyze SCUBA equipment problems and discover the cause of the problem

COURSE DESCRIPTION:
Examines divemaster-level dive knowledge, dive leadership theory and application, presentation skills,  
physical diving skills, logistics/planning, and operational execution; develops a multi-environment  
capable diving leader.

PREREQUISITES:
1. Must complete a medical statement showing no contraindications to diving, or have a recreational  
   scuba diver’s physical examination.
2. Certification as a SDI Advanced SCUBA Diver and SDI SCUBA Rescue Diver or equivalent.
3. 60 varied dives logged.
4. Current certifications in First Aid, CPR and Emergency Oxygen Administration  
5. Divers Alert Network (DAN) diving accident insurance (or equivalent)  
6. Senior or junior classification or instructor approval

REQUIRED MATERIALS/BOOKS:
Timing Device, Trauma Shears, Slate, SDI Air Dive Tables, Whistle, Dive Light, Log Book, Mask, Fins,  
Snorkel, Wetsuit, Dive Booties, Pocket Mask  
Diving Insurance- obtained by the student at student expense, by second week of class. Details to be  
discussed on first day of class.

GRADING:
Divemaster Exam  
20%
Demonstration quality skills project  
10%
Classroom Presentation  
10%
Successful Completion of Open Water Activities  
20%
Dive Briefings 30%
Completion of swim test 10%

**GRADING SCALE:**
90 – 100 = A
80 – 89 = B
70 – 79 = C
60 – 69 = D
Below 60 = F

**SCUBA CERTIFICATION:**
Certification as a diver involves classroom instruction, independent study, practice in confined water and open water evaluation. Participation in the open water certification field trip is a required portion of the course. Certifications will be awarded only when training agency standards and prerequisites have been met; this certification is completely independent of course grade. An unexcused lecture or lab ABSENCE will prevent the student from earning certifications.

**ATTENDANCE POLICY**

The University views class attendance as an individual student responsibility. All students are expected to attend class and to complete all assignments. Attendance is a critical component of all diving classes and is essential to learning a skill. Additionally due to the skill progressions found in teaching activities, it is crucial, for safety reasons, to require regular attendance. The instructor is under no obligation to provide an opportunity for the student to make up work missed because of an unauthorized absence. After 10 minutes the student is considered absent.

Excused absences, as defined in Rule 7 of the Texas A&M University Student Rules, [http://www.tamu.edu/stuife/Academic_Rules/7_Attendance.html](http://www.tamu.edu/stuife/Academic_Rules/7_Attendance.html) will not result in any point deduction, however written documentation will be required to receive an excused absence. The student is responsible for providing satisfactory evidence to the instructor to substantiate the reason for the absence. Among the reasons absences are considered excused by the university are the following:

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      (i.) Texas A&M University Explanatory Statement for Absence from Class form available at [http://attendance.tamu.edu](http://attendance.tamu.edu)
      (ii.) Confirmation of visit to a health care professional affirming date and time of visit.
   c) An absence for a non-acute medical service does not constitute an excused absence.
7) Required participation in military duties.
8) Mandatory admission interviews for professional or graduate school that cannot be rescheduled.
9) Mandatory participation as a student-athlete in NCAA-sanctioned competition.
10) In accordance with Title IX of the Educational Amendments of 1972, Texas A&M University shall treat pregnancy (childbirth, false pregnancy, termination of pregnancy and recovery therefrom) and related conditions as a justification for an excused absence for so long a period of time as is deemed medically necessary by the student’s physician. Requests for excused absence related to pregnancy should be directed to the instructor. Other absences may be excused at the discretion of the instructor with prior notification and proper documentation.

ATTENTION STUDENTS:
1. It is the responsibility of the student to inform his/her instructor if they have a condition that may impair or influence participation in an activity class (e.g. physical handicap, allergies, use of medications, etc.)
2. Should you become unable to participate in your regular activity class, contact your instructor immediately.
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FAMILY EDUCATIONAL AND RIGHTS TO 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.

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.
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<tr>
<td>12</td>
<td>Review</td>
<td></td>
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<tr>
<td>13</td>
<td>Attend another class trip</td>
<td></td>
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<tr>
<td>14</td>
<td>Divemaster Exam</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Review exam, correct missed questions</td>
<td></td>
</tr>
</tbody>
</table>
Texas A&M University
Departmental Request for a New Course
Undergraduate • Graduate • Professional
• Submit original form and attach a course syllabus.

Form Instructions
1. Course request type:  ☐ Undergraduate  ☐ Graduate  ☐ First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): Department of Liberal Studies
   DIVE 457 DIVE LEADERSHIP - INSTRUCTOR
3. Course prefix, number and complete title of course:

4. Catalog course description (not to exceed 50 words):
   Apply effective methods to teach skin and scuba diving in compliance with training agency instructional standards; evaluate instructional level dive knowledge, water skills, and presentation performance in accordance with training agency teaching standards.

5. Prerequisite(s): *Recreational scuba diver's medical evaluation. Certification as a SCUBA Divermaster or equivalent. 100% Passed dive logbook. Current certifications in First Aid, CPR and Emergency Oxygen Admin.
   Cross-listed with:  
   Stacked with:  
   Cross-listed courses require the signature of both department heads.

6. Is this a variable credit course?  ☐ Yes  ☑ No  If yes, from _______ to _______.
7. Is this a repeatable course?  ☐ Yes  ☑ No  If yes, this course may be taken _______ times.
8. Will this course be repeated within the same semester?  ☑ Yes  ☐ No
   Will this course be submitted to the Core Curriculum Council?  ☑ Yes  ☐ No
9. How will this course be graded:  ☐ Grade  ☐ S/U  ☐ P/F (CLMD)
10. This course will be:
   a. required for students enrolled in the following degree programs(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)
      any degree program

11. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.
12. ☐ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

13. Prefix  Course #  Title (excluding punctuation)
    DIVE  457  DIVE LEADERSHIP INSTRUCTOR

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>FICE Code</th>
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<td>4903040012</td>
<td>1736</td>
<td>16</td>
<td>17</td>
</tr>
</tbody>
</table>

Approval recommended by:

[Signatures and dates]

Department Head or Program Chair (Type Name & Sign)  Date  Chair, College Review Committee  Date

Department Head or Program Chair (Type Name & Sign)  Date  Dean of College  Date

Submitted to Coordinating Board by:

[Signatures and dates]

Associate Director, Curricular Services  Date  Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra-williams@tamu.edu.
Curricular Services – 07/14
5. Prerequisites:

**Recreational scuba diver's medical evaluation. Certification as a SCUBA Divemaster or equivalent. 100 varied dives logged. Current certification in First Aid, CPR and Emergency Oxygen Administration. Divers Alert Network (DAN) diving accident insurance (or equivalent). Junior or senior classification or instructor approval.
Justification to develop a new prefix and realign the Diving program at TAMUG

The diving courses were originally aligned with the General Academics degree program due to the State and University level requirement for Physical Education. The physical education component was designated as KINE and the theoretical component was listed as MAST (Maritime Studies) to be as broad based as possible. The diving program truly spans all academic disciplines at the Galveston campus. To create more campus visibility and help clarify the courses offerings, we inquired with TAMU Curricular Services. If it would be acceptable to use DIVE as a prefix and house these courses all together in one section of the catalog. The proposal was reviewed and agreed to by all TAMUG academic departments as well as the Aquanautics Operations personnel.

In addition, we would like to change the CIP code for all courses in this program to more accurately reflect the professional nature of this program. In consultation with Jeff Pitts, the Assistant Director of Data & Research Services, it was determined that the most appropriate CIP code would be 49.0304.0012, Diver, Professional and Instructor. The previous CIP Code 36.0108.00 13 is listed under leisure and recreational activities and does not indicate the theoretical and professional depth of this curricula.

Title: Diver, Professional and Instructor.

Definition: A program that prepares individuals to apply technical knowledge and skills to function as professional deep-water or scuba divers, diving instructors, or diving support personnel. Includes instruction in the use of diving equipment and related specialized gear; diving safety procedures; operation and maintenance of underwater life-support systems; underwater communication systems; decompression systems; underwater salvage; exploration, rescue, and photography; and installation and fitting of underwater mechanical systems and their maintenance, repair or demolition.

To align this program, we request to delete the following courses from the course inventory:
MAST 110, 120, 330, 331, 357, 457

To replace the course deletions, we request to add the following courses to the inventory:
DIVE 250, 251, 330, 331, 357, 457
Texas A&M University at Galveston
Dive Leadership- Dive Instructor
DIVE 457- Fall 2016

Instructors: Amie Hufton E-mail: hufiona@tamug.edu
Office: PE 104 Telephone #: 409-740-4928 Fax #: 409-740-4946

Office hours: Monday/Wednesday 2-3 pm

CLASS MEETING TIMES AND SITE(S):
Location: GPEF 107 and TAMUG pool
Lecture Wednesday 5-7
Lab M 3-5 (section 401)

LEARNING OUTCOMES:
1. Recognize and prepare organizational and supervisory techniques on safe open water dives according to SDI and Texas A&M University at Galveston dive program standards;
2. Develop and summarize professional dive presentations;
3. Prepare safe and organized dive trips;
4. Evaluate divers in training, from Open water level through Divemaster.

COURSE DESCRIPTION:
Apply effective methods to teach skin and scuba diving in compliance with training agency instructional standards; evaluate instructional level dive knowledge, water skills, and presentation performance in accordance with training agency teaching standards.

PREREQUISITES:
1. Recreational scuba diver’s medical evaluation.
2. Certification as a SCUBA Divemaster or equivalent.
3. 100 varied dives logged
4. Current certifications in First Aid, CPR and Emergency Oxygen Administration
5. Divers Alert Network (DAN) diving accident insurance (or equivalent)
6. Junior or senior classification or instructor approval

REQUIRED MATERIALS/BOOKS:
SDI Standards and Policies Manual, TAMUG Diving Safety Manual, SDI Instructor manual, Timing Device, Trauma Shears, Slate, SDI Air Dive Tables, Whistle, Dive Light, Log Book, Mask, Fins, Snorkel, Wetsuit, Dive Booties, Pocket Mask; Diving Insurance- obtained by the student at student expense, by second week of class. Details to be discussed on first day of class.

GRADING:

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GRADING SCALE:
90 - 100 = A
80 - 89 = B
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**SCUBA CERTIFICATION:**
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TAMUG
Withdrawing of Courses
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
• Submit original form and attachments •

Form Instructions
1. Course request type:  
   ☑ Undergraduate  ☐ Graduate  ☐ First Professional (MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name):  Department of Liberal Studies
3. Course prefix, number and complete title of course:  MAST 110 SCUBA I LECTURE
4. Change requested
   a. Prerequisite(s):  From:  To:
   b. Withdrawal reason:  Changing the course prefix to better represent its discipline
   c. Cross-list with:
   d. Change course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.
5. Is this an existing core curriculum course?  ☑ Yes  ☐ No
6. If grade type is changing for existing course, indicate the new grade type:  ☐ Grade  ☑ S/U  ☐ P/F (CMD)
7. If this course will be stacked, please indicate the course number of the stacked course:  ☑ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-control-basics-for-distance-education).
8. Complete current course title and current catalog course description:

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

11. a. As currently in course inventory:
   Prefix  Course #  Title (excluding punctuation)
   MAST  110  SCUBA I LECTURE
   Lect.  Lab  Other  SCH  CIP and Fund Code  Admin. Unit  FICE Code  Level
   2.00  0.00  0.00  2.00  3601080013  1736  0 1 0 2 9 8 1
   b. Change to:
   Prefix  Course #  Title (excluding punctuation)
   Lect.  Lab  Other  SCH  CIP and Fund Code  Admin. Unit  Acad. Year  FICE Code  Level
   Approval recommended by:
   Department Head or Program Chair (Type Name & Sign)  Date

   Department Head or Program Chair (Type Name & Sign)  Date
   (Ship cross-listed course)

   Submitted to Coordinating Board by:
   Chair, GC or UCC  Date

   Associate Director, Curricular Services  Date
   Effective Date

Questions regarding this form should be directed to Sande Williams at 845-8201 or sandra-williams@tamu.edu.
Curricular Services – 08/14
Justification to develop a new prefix and realign the Diving program at TAMUG

The diving courses were originally aligned with the General Academics degree program due to the State and University level requirement for Physical Education. The physical education component was designated as KINE and the theoretical component was listed as MAST (Maritime Studies) to be as broad based as possible. The diving program truly spans all academic disciplines at the Galveston campus. To create more campus visibility and help clarify the courses offerings, we inquired with TAMU Curricular Services if it would be acceptable to use DIVE as a prefix and house these courses all together in one section of the catalog. The proposal was reviewed and agreed to by all TAMUG academic departments as well as the Aquanautics Operations personnel.

In addition, we would like to change the CIP code for all courses in this program to more accurately reflect the professional nature of this program. In consultation with Jeff Pitts, the Assistant Director of Data & Research Services, it was determined that the most appropriate CIP code would be 49.0304.0012, Diver, Professional and Instructor. The previous CIP Code 36.0108.00.13 is listed under leisure and recreational activities and does not indicate the theoretical and professional depth of this curricula.

Title: Diver, Professional and Instructor.

Definition: A program that prepares individuals to apply technical knowledge and skills to function as professional deep-water or scuba divers, diving instructors, or diving support personnel. Includes instruction in the use of diving equipment and related specialized gear; diving safety procedures; operation and maintenance of underwater life-support systems; underwater communication systems; decompression systems; underwater salvage; exploration, rescue, and photography; and installation and fitting of underwater mechanical systems and their maintenance, repair or demolition.

To align this program, we request to delete the following courses from the course inventory:
MAST 110, 120, 330, 331, 357, 457

To replace the course deletions, we request to add the following courses to the inventory:
DIVE 250, 251, 330, 331, 357, 457
Texas A&M University
Departmental Request for a Change in Course
Undergraduate ◆ Graduate ◆ Professional
- Submit original form and attachments -

Form Instructions
1. Course request type: ☑ Undergraduate  ☐ Graduate  ☐ First Professional (MD, MD, PhD, PharmD, VMD)
2. Request submitted by (Department or Program Name): Department of Liberal Studies
3. Course prefix, number and complete title of course: MAST 120 SCUBA II LECTURE
4. Change requested:
   a. Prerequisite(s): From:  To:
   b. Withdrawal (reason): change course prefix to better reflect the discipline
   c. Cross-list with:
      Cross-listed courses require the signature of both department heads.
   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.
5. Is this an existing core curriculum course? ☑ Yes  ☐ No
6. If grade type is changing for existing course, indicate the new grade type: ☑ Grade  ☐ S/U  ☐ P/F (CLMD)
7. If this course will be stacked, please indicate the course number of the stacked course: ☐ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-control-basics-for-distance-education).
8. Complete current course title and current catalog course description:

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

11. a. As currently in course inventory:

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<th>Title (excluding punctuation)</th>
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<td>3</td>
</tr>
</tbody>
</table>

b. Change to:

| Prefix | Course # | Title (excluding punctuation) |

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<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>FICE Code</th>
<th>Level</th>
</tr>
</thead>
</table>

Approval recommended by:

JoAnn DiGregorio-Lutz
Department Head or Program Chair (Type Name & Sign) Date
Chair, College Review Committee Date
Department Head or Program Chair (Type Name & Sign) Date
(f/cross-listed course)

Submitted to Coordinating Board by:
Chair, GC or UCC Date

Associate Director, Curricular Services Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 08/14
Justification to develop a new prefix and realign the Diving program at TAMUG

The diving courses were originally aligned with the General Academics degree program due to the State and University level requirement for Physical Education. The physical education component was designated as KINE and the theoretical component was listed as MAST (Maritime Studies) to be as broad based as possible. The diving program truly spans all academic disciplines at the Galveston campus. To create more campus visibility and help clarify the courses offerings, we inquired with TAMU Curricular Services if it would be acceptable to use DIVE as a prefix and house these courses all together in one section of the catalog. The proposal was reviewed and agreed to by all TAMUG academic departments as well as the Aquanautics Operations personnel.

In addition, we would like to change the CIP code for all courses in this program to more accurately reflect the professional nature of this program. In consultation with Jeff Pitts, the Assistant Director of Data & Research Services, it was determined that the most appropriate CIP code would be 49.0304.0012, Diver, Professional and Instructor. The previous CIP Code 35.0108.00 13 is listed under leisure and recreational activities and does not indicate the theoretical and professional depth of this curricula.

Title: Diver, Professional and Instructor.

Definition: A program that prepares individuals to apply technical knowledge and skills to function as professional deep-water or scuba divers, diving instructors, or diving support personnel. Includes instruction in the use of diving equipment and related specialized gear; diving safety procedures; operation and maintenance of underwater life-support systems; underwater communication systems; decompression systems; underwater salvage; exploration, rescue, and photography; and installation and fitting of underwater mechanical systems and their maintenance, repair or demolition.

To align this program, we request to delete the following courses from the course inventory: 
MAST 110, 120, 330, 331, 357, 457

To replace the course deletions, we request to add the following courses to the inventory:  
DIVE 250, 251, 330, 331, 357, 457
Texas A&M University
Departmental Request for a Change in Course
Undergraduate \ Graduate \ Professional
- Submit original form and attachments -

Form Instructions
1. Course request type: [ ] Undergraduate [ ] Graduate [ ] First Professional (DVM, MD, JD, PharmD, DPh)
2. Request submitted by (Department or Program Name): Department of Liberal Studies
3. Course prefix, number, and complete title of course: MAST 330 RESCUE DIVER

Attach a brief supporting statement for changes made to items 4a thru 4d, and 10 below.

4. Change requested:
   a. Prerequisite(s): From: __________________________ To: __________________________
   b. Withdrawal (reason): change course prefix to better reflect the discipline
   c. Cross-list with: __________________________

   Cross-listed courses require the signatures of both department heads:

   d. Change in course title and description. Enter complete current course title and current course description in Item 9; enter proposed course title and proposed course description in Item 10. Complete Item 11a and b for a change in title.

   c. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete Item 11a and b. Attach a course syllabus.
5. Is this an existing core curriculum course? [ ] Yes [ ] No
6. If grade type is changing for existing course, indicate the new grade type: [ ] Grade [ ] S/U [ ] P/F (CLMD)
7. If this course will be stacked, please indicate the course number of the stacked course:

   [ ] I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vnr.tamh.edu/resources/export-controls/export-control-basics-for-distance-education).
8. Complete current course title and current catalog course description:

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

11. a. As currently in course inventory:

Prefix | Course # | Title (excluding punctuation) |
--------|----------|-------------------------------|
MAST    | 330      | RESCUE DIVER                  |

   Lect. | Lab | Other | SCH | CIP and Fund Code | Admin. Unit | FICE Code | Level |
       |    |       |    |                |             |           |       |
2.00   | 2.00| 0.00  | 3.00| 3601080013     | 1736         | 0 1 0 2 9 8 | 3     |

b. Change to:

Prefix | Course # | Title (excluding punctuation) |
--------|----------|-------------------------------|

   Lect. | Lab | Other | SCH | CIP and Fund Code | Admin. Unit | Acad. Year | FICE Code |
       |    |       |    |                |             |            |           |

Approval recommended by: __________________________

[Signature]

Date: [ ]

Department Head or Program Chair (Type Name & Sign)

Date: [ ]

Chair, College Review Committee

Date: [ ]

Department Head or Program Chair (Type Name & Sign)

Date: [ ]

If cross-listed course:

Date: [ ]

Submitted to Coordinating Board by: __________________________

Date: [ ]

Associate Director, Curricular Services

Date: [ ]

Effective Date: [ ]

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra-williams@tamu.edu.
Curricular Services - 08/14
Justification to develop a new prefix and realign the Diving program at TAMUG

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To align this program, we request to delete the following courses from the course inventory:
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To replace the course deletions, we request to add the following courses to the Inventory:
DIVE 250, 251, 330, 331, 357, 457
Texas A&M University
Departmental Request for a Change in Course
Undergraduate + Graduate + Professional
Submit original form and attachments

Form Instructions:
1. Course request type:  
   - [X] Undergraduate  
   - [ ] Graduate  
   - [ ] First Professional (DVM, MD, JD, PharmD, D/F/R)
2. Request submitted by (Department or Program Name):  
   - Department of Liberal Studies
3. Course prefix, number and complete title of course:  
   - MAST 331 ALTERNATE DIVING TECHNOLOGY

4. Change requested:
   a. Prerequisite(s): From:  
      To:
   b. Withdrawal (reason): change course prefix to better reflect the discipline
   c. Cross-list with:

   Cross-listed courses require the signature of both department heads.

   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.

   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course?  
   - [X] Yes  
   - [ ] No

6. If grade type is changing for existing course, indicate the new grade type:  
   - [X] Grade  
   - [ ] S/U  
   - [ ] P/F (ELMD)

7. If this course will be stacked, please indicate the course number of the stacked course:
   - [ ] I verify that I have reviewed the FAQ for Export Controls Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-exports-basics-for-distance-education)

8. Complete current course title and current catalog course description:

9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

10. Complete proposed course title and proposed catalog course description:

11. a. As currently in course inventory:
   
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</table>

   Approval recommended by:  
   - [Signature]  
   - [Date: Nov 17, 2015]

   Department Head or Program Chair (Type Name & Sign)  
   - [Name]  
   - [Signature]  
   - [Date]

   Chair, College Review Committee  
   - [Name]  
   - [Signature]  
   - [Date: 11/18/15]

   Department Head or Program Chair (Type Name & Sign) (If cross-listed course)  
   - [Name]  
   - [Signature]  
   - [Date]

   Submitted to Coordinating Board by:  
   - [Name]  
   - [Position]  
   - [Signature]  
   - [Date]

   Associate Director, Curricular Services  
   - [Name]  
   - [Position]  
   - [Signature]  
   - [Date]

   Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.  
   Curricular Services – 06/14
Justification to develop a new prefix and realign the Diving program at TAMUG

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To align this program, we request to delete the following courses from the course inventory:
MAST 110, 120, 330, 331, 357, 457

To replace the course deletions, we request to add the following courses to the inventory:
DIVE 250, 251, 330, 331, 357, 457
Texas A&M University
Departmental Request for a Change in Course
Undergraduate + Graduate + Professional
- Submit original form and attachments -

Form Instructions:
1. Course request type:  
   - [X] Undergraduate  
   - [ ] Graduate  
   - [ ] First Professional (DDS, MD, JD, PharmD, DIVD)
2. Request submitted by (Department or Program Name):  
   - Department of Liberal Studies
3. Course prefix, number and complete title of course:  
   - MAST 357 DIVING LEADERSHIP-DIVEMASTER
4. Change requested:
   - a. Prerequisite(s):  
      - From:  
      - To:  
   - b. Withdrawal (reason):  
      - change course prefix to better reflect the discipline
   - c. Cross-list with:
      - Cross-listed courses require the signature of both department heads.
      - [ ]
   - d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
   - e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.
5. Is this an existing core curriculum course?
   - [ ] Yes  
   - [X] No
6. If grade type is changing for existing course, indicate the new grade type:
   - [ ] Grade  
   - [ ] S/U  
   - [ ] P/F (CLAD)
7. If this course will be stacked, please indicate the course number of the stacked course:
   - [ ]
   - I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://export.tamu.edu/resources/export-control/export-controls-basics-for-distance-education).
8. Complete current course title and current catalog course description:
9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

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b. Change to:

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</table>

Approval recommended by:  
Victor Visor

Department Chair or Program Chair (Type Name & Sign)  
Date  
Chair, College Review Committee  
Date  
Dean, College  
Date

Department Head or Program Chair (Type Name & Sign)  
Date  
(if cross-listed course)

Submitted to Coordinating Board by:  
Chair, GC or UCC  
Date  
Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 08/14
Justification to develop a new prefix and realign the Diving program at TAMUG

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To align this program, we request to delete the following courses from the course inventory:
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Texas A&M University
Departmental Request for a Change in Course
Undergraduate + Graduate + Professional
- Submit original form and attachments -

Form Instructions:
1. Course request type: □ Undergraduate □ Graduate □ First Professional (DVM, MD, JD, PharmD, DPA)
2. Request submitted by (Department or Program Name): Department of Liberal Studies
3. Course prefix, number and complete title of course: MAST 457 DIVE LEADERSHIP-DIVE INSTRUCTOR

Attach a brief supporting statement for changes made in items 4a in item 4d, and 10 below:

4. Change requested:
   a. Prerequisite(s): From: ___________________________ To: ___________________________
   b. Withdrawal (reason): ___________________________
   c. Cross-list with:

   Cross-listed courses require the signature of both department heads.
   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
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5. Is this an existing core curriculum course? □ Yes □ No

6. If grade type is changing for existing course, indicate the new grade type: □ Grade □ S/U □ P/F (CLMD)

7. If this course will be stacked, please indicate the course number of the stacked course:
   □ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-control/export-control-basics-for-distance-education).

8. Complete current course title and current catalog course description:

9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

11. a. As currently in course inventory:

   Prefix □ Course # □ Title (excluding punctuation)

   MAST 457 DIVE LEADERSHIP-DIVE INSTRUCTOR

   Lect. 2.00 Lab 2.00 Other 0.00 SCH 3.00 CIP and Fund Code 3601080013 Admin. Unit 1736 Level 0 1 0 2 9 8 3

   b. Change to:

   Prefix □ Course # □ Title (excluding punctuation)

   Lect. Lab Other SCH CIP and Fund Code Admin. Unit Grad. Year Level

   Approval recommended by: JoAnn DiGeorge-Laiz

   Date 11-18-15

   Department Head or Program Chair (Type Name & Sign) Date

   Date 1/18/15

   Department Head or Program Chair (Type Name & Sign) Date

   (if cross-listed course)

   Submitted to Coordinating Board by: Chair, GC or UCC Date

   Associate Director, Curricular Services

   Date

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DIVE 250, 251, 330, 331, 357, 457
TAMUG
CHANGE IN COURSES
Texas A&M University

Departmental Request for a Change in Course
Undergraduate • Graduate • Professional

Submit original form and attachments

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

2. Course prefix, number and complete title of course: MASE 319 Naval Architecture Design I

3. Change requested

a. Prerequisite(s): From: To:

b. Withdrawal (reason):

c. Cross-list with:

Cross-listed courses require the signature of both department heads.

d. Change in course title and description. Enter complete current course title and current course description in item 5; enter proposed course title and proposed course description in item 6. Complete item 7 for change in title.

e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 7. Attach a course syllabus.

4. For informational purposes only, please indicate course number if this course will be stacked:

5. Complete current course title and current catalog course description:

6. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

7. a. As currently in course inventory:

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
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<tbody>
<tr>
<td>MASE 319 NAVAL ARCH DESIGN I</td>
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<th>Lect.</th>
<th>Lab</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>FICE Code</th>
<th>Level</th>
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b. Change to:

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<th>CIP and Fund Code</th>
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Department Head or Program Chair (Type Name & Sign) Date
Approved recommended by: Date
Dean of College (if cross-listed course) Date
Chair, GC or UCC Date

Associate Director, Curricular Services Date

Questions regarding this form should be directed to Sandra Williams at 645-8201 or sandra-williams@tamu.edu.
Curricular Services – 02/11
Supporting Statement for MASE 319: Naval Architecture Design I

We are requesting a change in the prerequisite from requiring the student’s successful completion of CVEN 311 and CVEN 345 to co-enrollment. This change is required since MASE 319 is scheduled to be taken in the same semester as CVEN 311 and CVEN 345.

In addition, the CIP code is being corrected from 1424010006 (Ocean Engineering) to 1422010006 (Naval Architecture). The corrected code is a better description of the content.