TAMUG
NEW COURSES
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 (DVM, MD, JD, PharmD, DPM)

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

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

DIVE 250 SCUBA DIVING I

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 dive certificate. [ ]

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

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 (CLMD)

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 those departments. Attach approval letters.

13. [ ] 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).

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
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<tbody>
<tr>
<td>DIVE</td>
<td>250</td>
<td>SCUBA DIVING I</td>
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<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
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</tr>
</tbody>
</table>

Approval recommended by:

[Signature]

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

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
5. Prerequisites:

**Must complete a medical statement showing no contraindications to diving, or have a recreational scuba diver's physical examination.**
11/9/2015

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 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](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](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://elof.tamu.edu/content/religious-observance](http://elof.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 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, your howdy portal.

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<th>WEEK</th>
<th>LECTURE TOPICS</th>
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<tr>
<td>1</td>
<td>Introduction to SDI Open water Course, review required materials</td>
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<td>Folders/Intro/Equipment</td>
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<td>Quiz 1 Diving Equipment</td>
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<td>Diving Physics/Physiology</td>
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<td>Midterm Exam</td>
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<td>Dive Planning- E-learning must be completed no later than 1:00 pm</td>
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<td>15</td>
<td>Final Exam</td>
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<td>Last Day of Class</td>
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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
   DIVE 251 SCUBA DIVING II

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 note: Not required.**
   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

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

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13. Prefix | Course # | Title (excluding punctuation)
   --- | --- | ---
   DIVE | 251 | SCUBA DIVING II

   Lec. | Lab | Other | SCH | CIP and Fund Code | Admin. Unit | Acad. Year | FICE Code
   --- | --- | --- | --- | --- | --- | --- | ---
   2.00 | 2.00 | 0.00 | 3.00 | 4903040012 | 1736 | 16 | 17 | 0 | 1 | 0 | 2 | 9 | 8

   Approval recommended by:

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

   Chair, College Review Committee

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

   Dean of College

   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
From page 1:

5. Prerequisites:

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11/9/2015

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.

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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 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 20% Swim Test
Quizzes/Homework 20% Advanced Skills
LAB GRADE 30% Pool/ Open water Gear Maintenance

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
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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:

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ATTENTION STUDENTS:
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2. Should you become unable to participate in your regular activity class, contact your instructor immediately.
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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>
</tr>
<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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<tr>
<td>3</td>
<td>SDI Deep Diving CH.7, 8 &amp; 9</td>
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<td>4</td>
<td>SDI N&amp;N CH. 5&amp;6</td>
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<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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<td>6</td>
<td>TDI Nitrox CH.3 Physiological Effects of Pressure</td>
</tr>
<tr>
<td>7</td>
<td>TDI Nitrox CH.5 Nitrox Concepts</td>
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<tr>
<td>7</td>
<td>TDI Nitrox CH.6 Nitrox Dive Planning EAD</td>
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<tr>
<td>8</td>
<td>TDI Nitrox CH.7 Nitrox Dive Planning MOD, Best Mix, T formula</td>
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<td>8</td>
<td>Gear Checklist/ Review Open Water Weekend</td>
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<td>9</td>
<td>Open water recap</td>
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<td>9</td>
<td>Calculate CNS% from OWW</td>
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<td>10</td>
<td>Nitrox Review</td>
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<td>Nitrox Exam</td>
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<td>Lift Bag Calculations</td>
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<td>Review Nitrox Exam</td>
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<td>12</td>
<td>SDI AA CH.6 &amp; 8</td>
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<td>12</td>
<td>SDI AA CH.11 &amp; 12</td>
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<tr>
<td>13</td>
<td>Introduction to Altitude Diving</td>
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<td>Altitude Diving Calculations</td>
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<td>TBD</td>
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<td>Advance Final Exam</td>
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<td>15</td>
<td>Last Day of Class</td>
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</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, 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:

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 medical examination. Certification as a PADI Scuba Dive or equivalent. Diving Accident Network."  ☑

Cross-listed with:  

Stacked with:  

Cross-listed courses require the signatures 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 (CLMP)

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 Expert 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 330  RESCUE DIVING

<table>
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<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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Level 3

Chair, College Review Committee  11/19/15

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
From page 1:

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  bosquezi@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](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](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
       (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/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.tamu.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>
<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>
<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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<td>4</td>
<td>Diving First Aid/ Field Neuro</td>
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<td>5</td>
<td>Unconscious Diver Rescue; Underwater Problem solving and interventions;  Gear Stripping</td>
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<td>6</td>
<td>Surface Rescues; Panicked Divers (Surface and UW), Lifts/Carries/Exits</td>
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<td>7</td>
<td>GMR- Galveston Marine Response; Beach Rescues</td>
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<td>8</td>
<td>Small Boat Diving</td>
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<td>9</td>
<td>Alternate Gear Configuration Rescue</td>
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<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>
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<tr>
<td>12</td>
<td>Chamber- Ocean Corps</td>
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<td>13</td>
<td>Lab Practicle</td>
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<td>13</td>
<td>OPEN WATER WEEKEND- RESCUE</td>
<td>Rescue Weekend at Blue Lagoon in Huntsville, TX -</td>
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<td>14</td>
<td>Rescue Exam</td>
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<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):  
   Illustrates the realities of operating in the scientific, public safety and military diving disciplines; practical 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 dive's physical examination (OSHA-NAUI Divested Training with NAUI) Certification or an Advanced and Stacked with:

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

6. Is this a variable credit course?  
   - [ ] Yes  
   - [x] No  
   If yes, from _____ to _____

7. Is this a repeatable course?  
   - [ ] Yes  
   - [x] No  
   If yes, this course may be taken _____ times.

   Will this course be repeated within the same semester?  
   - [ ] Yes  
   - [x] No

   Will this course be submitted to the Core Curriculum Council?  
   - [ ] Yes  
   - [ ] No

8. How will this course be graded:  
   - [ ] Grade  
   - [ ] S/U  
   - [ ] P/F (COIM)

9. 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. in Geography)

   any degree program

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

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

12. Prefix  
   Course I  
   Title (excluding punctuation)

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<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
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<th>Admin. Unit</th>
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</tbody>
</table>

Approval recommended by:  

[Signature]  

Date: 11/19/15

Department Head or Program Chair (Type Name & Sign)

Date: 11/19/15

Chair, College Review Committee

Date: 11/19/15

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

Date: 11/19/15

Chair, GC or UCC

Date: 11/19/15

Associate Director, Curricular Services

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 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

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>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>Final Written Exam</td>
</tr>
<tr>
<td>14</td>
<td>Review - Gear Day - HELM EXPERIENCE HERE with skills &amp; exams</td>
</tr>
<tr>
<td>13</td>
<td>HOLIDAY</td>
</tr>
<tr>
<td>12</td>
<td>20 &amp; 21 Nov Aquatic Skills Trip SCR &amp; FFM Divers</td>
</tr>
<tr>
<td>11</td>
<td>SCR &amp; FFM Exams - make up and review SCR &amp; FFM (study out)</td>
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<tr>
<td>10</td>
<td>Blender written exam prepared by divermaster (DEMA)</td>
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<tr>
<td>9</td>
<td>SCR &amp; FFM wet lab - ALL lab</td>
</tr>
<tr>
<td>8</td>
<td>FFM class - SCR &amp; FFM wet lab</td>
</tr>
<tr>
<td>7</td>
<td>SCR class - Dry lab</td>
</tr>
<tr>
<td>6</td>
<td>Gas blending class and Dry lab</td>
</tr>
<tr>
<td>5</td>
<td>HATS written exam prepared by DM - AALS Symposium</td>
</tr>
<tr>
<td>4</td>
<td>FRIDAY &amp; SATURDAY: Hot Dives - Boat Bash and then Moody</td>
</tr>
<tr>
<td>3</td>
<td>Hot wet Lab - Entire class</td>
</tr>
<tr>
<td>2</td>
<td>Surface Supply Academics - all academic labs</td>
</tr>
<tr>
<td>1</td>
<td>Paper work, swim test - Lab Intro</td>
</tr>
</tbody>
</table>

Alternative Driving Technologies Schedule - Fall 2016
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).

<table>
<thead>
<tr>
<th>Time (min:ss)</th>
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<tbody>
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<td>11:01 to 11:20</td>
<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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<tr>
<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>
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<td>13:31 to 13:45</td>
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<td>10:21 to 10:40</td>
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<td>12:16 to 12:30</td>
<td>15</td>
<td>13:46 to 14:00</td>
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<td>14.5</td>
<td>14:01 to 14:15</td>
<td>11</td>
<td>15:31 to 16:00</td>
<td>2</td>
</tr>
</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).

<table>
<thead>
<tr>
<th>Time (min:ss)</th>
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<td>17:21 to 17:40</td>
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<td>19:21 to 19:40</td>
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<td>20:41 to 20:50</td>
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<td>20:51 to 21:00</td>
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<tr>
<td>16:51 to 17:00</td>
<td>18.5</td>
<td>18:01 to 18:10</td>
<td>14</td>
<td>20:01 to 20:10</td>
<td>07</td>
<td>&gt;21 minutes</td>
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</tbody>
</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>6:01 to 6:20</td>
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<td>10:41 to 10:50</td>
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<td>11:31 to 11:40</td>
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<td>6:21 to 6:40</td>
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<td>10:51 to 11:00</td>
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<td>14</td>
<td>11:21 to 11:30</td>
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<td>11:51 to 12:00</td>
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<td>7:01 to 7:15</td>
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<td>10:51 to 11:00</td>
<td>13</td>
<td>&gt;12 minutes</td>
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</table>

**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>22:46 to 23:00</td>
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<td>&gt;24 minutes</td>
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</table>

**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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</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.

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 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):

Cross-listed with: [ ] **Oxygen Administration. Divers Alert Network (DAN) diving accident insurance (or equivalent). Junior or

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 (CLMD)

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.

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

Lect. | Lab | Other | SCH | CIP and Fund Code | Admin. Unit | Acad. Year | FICE Code
2.00 | 2.00 | 0.00 | 3.00 | 4903040012 | 1736 | 16 | - | 17 | 0 | 1 | 0 | 2 | 9 | 8 | 3 | 15
11/19/16

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) (if cross-listed course)

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. 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.**
11/9/2015

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: GPB 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. Junior or senior 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:
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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
   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
   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.

   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)

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

    | Lect. | Lab | Other | SCH | CIP and Fund Code | Admin. Unit | Acad. Year | FICE Code |
    |-------|-----|-------|-----|------------------|-------------|------------|-----------|
    | 2.00  | 2.00| 0.00  | 3.00| 4903040012       | 1736        | 16         | 0 1 0 2 9 8 |

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
(if cross-listed course)

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:

**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, 33C, 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: huftona@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.

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