

102-UNC

MAR 10 2017

FORMAT 1

Submit original with signatures + 1 copy + electronic copy to Faculty Senate (Box 7500).  
See <http://www.uaf.edu/uafgov/faculty-senate/curriculum/course-degree-procedures/> for a complete description of the rules governing curriculum & course changes.

**TRIAL COURSE OR NEW COURSE PROPOSAL**  
(Attach copy of syllabus)

**SUBMITTED BY:**

Department	Emergency Medical Services	College/School	CTC/UAF
Prepared by	Justin R Yurong	Phone	907-455-2895
Email Contact	jyurong@alaska.edu	Faculty Contact	Justin Yurong

1. ACTION DESIRED (CHECK ONE):  
 Trial Course       New Course       XXXXX

2. COURSE IDENTIFICATION:

Dept	EMS	Course #	270	No. of Credits	10
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Justify upper/lower division status & number of credits:	10.0 credits: 6360 minutes of lecture and 4890 minutes of lab Lower Division: The course builds on the skills and knowledge developed in the EMS F170 course. Provides the student with the skill set and knowledge to take the national test for the Advance Emergency Medical Technician level.
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3. PROPOSED COURSE TITLE: **Advanced Emergency Medical Technician**

4. To be CROSS LISTED? YES/NO      NO      If yes, Dept:      Course #

NOTE: Cross-listing requires approval of both departments and deans involved. Add lines at end of form for additional required signatures.

5. To be STACKED? YES/NO      NO      If yes, Dept.      Course #

How will the two course levels differ from each other? How will each be taught at the appropriate level?:

\* Use only one Format 1 form for the stacked course (not one for each level of the course!) and attach syllabi. Stacked course applications are reviewed by the (Undergraduate) Curricular Review Committee and by the Graduate Academic and Advising Committee. Creating two different syllabi (undergraduate and graduate versions) will help emphasize the different qualities of what are supposed to be two different courses. The committees will determine: 1) whether the two versions are sufficiently different (i.e. is there undergraduate and graduate level content being offered); 2) are undergraduates being overtaxed?; 3) are graduate students being undertaxed? In this context, the committees are looking out for the interests of the students taking the course. Typically, if either committee has qualms, they both do. More info online - see URL at top of this page.

6. FREQUENCY OF OFFERING: **As Demand Warrants**  
 Fall, Spring, Summer (Every, or Even-numbered Years, or Odd-numbered Years) - or As Demand Warrants

7. SEMESTER & YEAR OF FIRST OFFERING (Effective AY2015-16 if approved by 3/31/2015; otherwise AY2016-17)      **Spring 2017 FALL 2017**

**8. COURSE FORMAT:**

NOTE: Course hours may not be compressed into fewer than three days per credit. Any course compressed into fewer than six weeks must be approved by the college or school's curriculum council. Furthermore, any core course compressed to less than six weeks must be approved by the Core Review Committee.

COURSE FORMAT: (check all that apply)       1       2       3       4       5       6 weeks to full semester

OTHER FORMAT (specify)

Mode of delivery (specify lecture, field trips, labs,      **Lecture and Labratory**

etc)

9. CONTACT HOURS PER WEEK:

8

LECTURE  
hours/weeks

6

LAB  
hours /week

PRACTICUM  
hours /week

Note: # of credits are based on contact hours. 800 minutes of lecture=1 credit. 2400 minutes of lab in a science course=1 credit. 1600 minutes in non-science lab=1 credit. 2400-4800 minutes of practicum=1 credit. 2400-8000 minutes of internship=1 credit. This must match with the syllabus. See <http://www.uaf.edu/uafgov/faculty-senate/curriculum/course-degree-procedures-/guidelines-for-computing-/> for more information on number of credits.

OTHER HOURS (specify  
type)

10. COMPLETE CATALOG DESCRIPTION including dept., number, title, credits, credit distribution, cross-listings and/or stacking (50 words or less if possible):

Example of a complete description:

FISH F487 W, O Fisheries Management  
3 Credits Offered Spring

Theory and practice of fisheries management, with an emphasis on strategies utilized for the management of freshwater and marine fisheries. Prerequisites: COMM F131X or COMM F141X; ENGL F111X; ENGL F211X or ENGL F213X; ENGL F414; FISH F425; or permission of instructor. Cross-listed with NRM F487. (3+0)

EMS 270 10 Credits

Fall (8+6)

The Advance Emergency Medical Technician (AEMT) training includes invasive procedures such as IV therapy, the use of advance airway devices, and medication administration. Individuals that complete the course are eligible to take the National Registry AEMT Exam (Prerequisites: Current State or National EMT certification AND Current AHA CPR Certification AND Permission from the department)

11. COURSE CLASSIFICATIONS: Undergraduate courses only. Consult with CLA Curriculum Council to apply S or H classification appropriately; otherwise leave fields blank.

H = Humanities

S = Social Sciences

Will this course be used to fulfill a requirement for the baccalaureate core? If YES, attach form.

YES:

NO:

xxxx

IF YES, check which core requirements it could be used to fulfill:

O = Oral Intensive,  
Format 6

W = Writing Intensive,  
Format 7

X = Baccalaureate  
Core

11.A Is course content related to northern, arctic or circumpolar studies? If yes, a "snowflake" symbol will be added in the printed Catalog, and flagged in Banner.

YES

NO

xxxx

12. COURSE REPEATABILITY:

Is this course repeatable for credit? YES  NO

Justification: Indicate why the course can be repeated (for example, the course follows a different theme each time).

How many times may the course be repeated for credit?  TIMES  
If the course can be repeated for credit, what is the maximum number of credit hours that may be earned for this course?  CREDITS  
If the course can be repeated with variable credit, what is the maximum number of credit hours that may be earned for this course?  CREDITS

13. GRADING SYSTEM: Specify only one. Note: Changing the grading system for a course later on constitutes a Major Course Change - Format 2 form.

LETTER:  PASS/FAIL:

RESTRICTIONS ON ENROLLMENT (if any)

14. PREREQUISITES Current State or National EMT certification AND Current AHA CPR Certification AND Permission from the department  
These will be required before the student is allowed to enroll in the course.

15. SPECIAL RESTRICTIONS, CONDITIONS

16. PROPOSED COURSE FEES \$350  
Has a memo been submitted through your dean to the Provost for fee approval? YES   
Yes/No

17. PREVIOUS HISTORY

Has the course been offered as special topics or trial course previously? YES   
Yes/No

If yes, give semester, year, course #, etc.: Spring 2014, Spring 2015, Summer 2015, Spring 2016

18. ESTIMATED IMPACT

WHAT IMPACT, IF ANY, WILL THIS HAVE ON BUDGET, FACILITIES/SPACE, FACULTY, ETC.  
Will have minimal impact because it is replacing and combining two courses (EMS F261 AND EMS F265) to comply with the national standards for the mid-level EMS provider. Removal of the EMS F261, EMS F261P, EMS F265, EMS F265P.

19. LIBRARY COLLECTIONS

Have you contacted the library collection development officer (kljensen@alaska.edu, 474-6695) with regard to the adequacy of library/media collections, equipment, and services available for the proposed course? If so, give date of contact and resolution. If not, explain why not.  
No  Yes  Spoke with the library in 2013 when offered as a special topics.

20. IMPACTS ON PROGRAMS/DEPTS

What programs/departments will be affected by this proposed action? Include information on the Programs/Departments contacted (e.g., email, memo)  
EMS and Fire Science.

21. POSITIVE AND NEGATIVE IMPACTS

Please specify **positive and negative** impacts on other courses, programs and departments resulting from the proposed action.


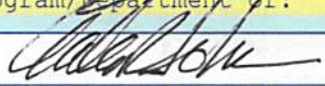
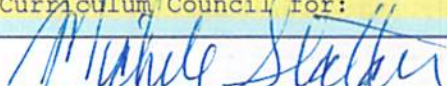
Students will be able to earn a national certification that will improve employability in Emergency Medical Services.

**JUSTIFICATION FOR ACTION REQUESTED**

The purpose of the department and campus-wide curriculum committees is to scrutinize course change and new course applications to make sure that the quality of UAF education is not lowered as a result of the proposed change. Please address this in your response. This section needs to be self-explanatory. Use as much space as needed to fully justify the proposed course.

This course is replacing the EMT-2 (EMS F261) and EMT-3 (EMS F265) courses in order to meet the National EMS Education Standards. The EMT-2 and EMT-3 courses are Alaska specific prehospital emergency care certification courses that do not allow the students to practice outside of the state. The Advanced Emergency Medical Technician is the Department of Transportation approved mid-level provider curriculum that serves as the intermediary step between the Emergency Medical Technician level and the Paramedic level. The state of Alaska is progressing towards the National EMS Certification Level making this course necessary.

**APPROVALS: Add additional signature lines as needed.**

	Date	3/9/2017
Signature, Chair, Program/Department of:	Paramedicine	
	Date	3/9/2017
Signature, Chair, College/School Curriculum Council for:	CTC	
	Date	3/9/17
Signature, Dean, College/School of:	UAF CTC	

Offerings above the level of approved programs must be approved in advance by the Provost.

 	Date	 
Signature of Provost (if above level of approved programs)		

**ALL SIGNATURES MUST BE OBTAINED PRIOR TO SUBMISSION TO THE GOVERNANCE OFFICE**

 	Date	 
Signature, Chair		
Faculty Senate Review Committee: <input type="checkbox"/> Curriculum Review <input type="checkbox"/> GAAC		
<input type="checkbox"/> Core Review <input type="checkbox"/> SADAC		

**ADDITIONAL SIGNATURES: (As needed for cross-listing and/or stacking)**

**ATTACH COMPLETE SYLLABUS (as part of this application).** This list is online at: <http://www.uaf.edu/uafgov/faculty-senate/curriculum/course-degree-procedures-/uaf-syllabus-requirements/>  
The Faculty Senate curriculum committees will review the syllabus to ensure that each of the items listed below are included. If items are missing or unclear, the proposed course (or changes to it) may be denied.

**SYLLABUS CHECKLIST FOR ALL UAF COURSES**

During the first week of class, instructors will distribute a course syllabus. Although modifications may be made throughout the semester, this document will contain the following information (as applicable to the discipline):

**1. Course information:**

Title,  number,  credits,  prerequisites,  location,  meeting time (make sure that contact hours are in line with credits).

**2. Instructor (and if applicable, Teaching Assistant) information:**

Name,  office location,  office hours,  telephone,  email address.

**3. Course readings/materials:**

Course textbook title,  author,  edition/publisher.  
 Supplementary readings (indicate whether  required or  recommended) and  
 any supplies required.

**4. Course description:**

Content of the course and how it fits into the broader curriculum;  
 Expected proficiencies required to undertake the course, if applicable.  
 Inclusion of catalog description is *strongly* recommended, and  
 Description in syllabus must be consistent with catalog course description.

**5.  Course Goals (general), and (see #6)**

**6.  Student Learning Outcomes (more specific)**

**7. Instructional methods:**

Describe the teaching techniques (eg: lecture, case study, small group discussion, private instruction, studio instruction, values clarification, games, journal writing, use of Blackboard, audio/video conferencing, etc.).

**8. Course calendar:**

A schedule of class topics and assignments must be included. Be specific so that it is clear that the instructor has thought this through and will not be making it up on the fly (e.g. it is not adequate to say "lab". Instead, give each lab a title that describes its content). You may call the outline Tentative or Work in Progress to allow for modifications during the semester.

**9. Course policies:**

Specify course rules, including your policies on attendance, tardiness, class participation, make-up exams, and plagiarism/academic integrity.

**10. Evaluation:**

Specify how students will be evaluated,  what factors will be included,  their relative value, and  how they will be tabulated into grades (on a curve, absolute scores, etc.)  Publicize UAF regulations with regard to the grades of "C" and below as applicable to this course. (Not required in the syllabus, but is a convenient way to publicize this.) Link to PDF summary of grading policy for "C":

[http://www.uaf.edu/files/uafgov/Info-to-Publicize-C\\_Grading-Policy-UPDATED-May-2013.pdf](http://www.uaf.edu/files/uafgov/Info-to-Publicize-C_Grading-Policy-UPDATED-May-2013.pdf)

**11. Support Services:**

Describe the student support services such as tutoring (local and/or regional) appropriate for the course.

**12. Disabilities Services:** Note that the phone# and location have been **updated**.

<http://www.uaf.edu/disability/> The Office of Disability Services implements the Americans with Disabilities Act (ADA), and ensures that UAF students have equal access to the campus and course materials.

State that you will work with the Office of Disabilities Services (208 WHITAKER BLDG, 474-5655) to provide reasonable accommodation to students with disabilities.

# UAF Community & Technical College

Paramedic Academy ~ University Park Building ~1000 University Avenue, Fairbanks, AK 99709

**Course Number and Title:** EMS F270 Advance Emergency Medical Technician (AEMT)

**Credits:** 10

**Prerequisites**

- Current CPR certification
- Current Alaska EMT or NREMT EMT certification
- Permission from the Department

**Location:** University Park Building – Paramedic Classroom (Room 155)

**Class meeting Time:**

- Tuesday and Thursday (1730-2200)
- Saturday (0800-1400)

**National Registry Practical Exam Date:**

- Saturday, April 23<sup>rd</sup>, 2016

**Instructor Information:**

Assistant Professor Justin Yurong, MS, NRP

Office: U-Park, Room 134

Office Hours: Mondays 0900-1300, other hours by request.

Email (Preferred Contact Method): [jyurong@alaska.edu](mailto:jyurong@alaska.edu)

Cell (Before 10pm): 907-978-7350

Office Phone: (907) 455-2895

Fax: (907) 455-2813

**Textbook:**

- *Advanced Emergency Care and Transportation of the Sick and Injured, 2<sup>nd</sup> Edition* by Rhonda Beck. You must also have access to the “Navigate 2 Premier Package” online Access Code.
- EMSTesting.com Access (<http://www.EMSTESTING.com>)
- Turning Point Cloud Access Card

**Supplementary Material Requirements:**

- NREMT AEMT Skill Sheets
- Watch with a second hand
- Eye protection (safety glasses)

**Course Description:**

EMS 270 10 Credits

Fall (8+6)

The Advance Emergency Medical Technician (AEMT) training includes invasive procedures such as IV therapy, the use of advance airway devices, and medication administration. Individuals that complete the course are eligible to take the National Registry AEMT Exam. In addition to the AEMT skills, this course also includes additional training in endotracheal intubation, chest needle decompression, and ECG rhythm interpretation which prepares students for the Alaska EMT-III Exam. (Prerequisites: Current State or National EMT certification AND Current AHA CPR Certification AND Permission from the department).

**Course Goals:**

1. Prepare students for the National Registry of Emergency Medical Technicians AEMT cognitive and psychomotor examinations.
2. Provide students with the knowledge and advance medical skills to begin and continue emergency medical treatment to the medical and trauma patient according to the National EMS Education Standards.
3. Train students in Advanced Cardiac Life Support.
4. Students will be able to perform patient assessments and communicate observations to other emergency medical personnel.

**Student Learning Outcomes:**

Upon completion of the course, successful students will be able to:

- 1a. Comprehend, apply and evaluate the didactic, clinical and field information relative to the graduate's role as an AEMT.
- 2a. Formulate a patient care plan within the scope of practice as an AEMT.
- 2b. Implement an advanced patient care plan.
- 2c. Initiate intravenous access to administer medication, or to replace fluids to the body.
- 2d. Perform advanced airway techniques including supraglottic airways and endotracheal intubation to maintain the patient's airway and to ventilate the patient.
- 2e. Record patient vital signs including blood pressure, pulse rate, respiratory rate, skin color, texture and temperature, pupil response to light, capillary refill time, blood glucose reading, pulse oximetry and capnography.
- 2f. Perform advanced airway maneuvers including the insertion of supraglottic airways and endotracheal intubation.
- 3a. Monitor cardiac patients using electrocardiograph.
- 3b. Treat cardiac dysrhythmias in accordance with current American Heart Association Emergency Cardiac Care Guidelines.
- 3c. Obtain Advanced Cardiac Life Support Certification.
- 4a. Observe, record, and report any changes in patient condition to other healthcare professionals.

**Instructional Method:**

The didactic portion of the class will be taught through lectures, case studies and small group discussions. Advance medical skills will be taught during hands on laboratory sessions and with high fidelity simulators.

**Course Policies:**

The UAF Student Code of Conduct will be the backbone of the course policies (<http://www.uaf.edu/catalog/current/academics/regs3.html>). Students are expected to conduct themselves honestly and responsibly, and to respect the rights of others. Conduct that unreasonably interferes with the learning environment or violates the rights of others is prohibited. The university may initiate disciplinary action and impose disciplinary sanctions against any student found responsible for committing, attempting to commit or intentionally assisting in the commission of any of the following prohibited forms of conduct:

1. Cheating, plagiarism or other forms of academic dishonesty.
2. Forgery, falsification, alteration or misuse of documents, funds or property.
3. Damage or destruction of property.
4. Theft of property or services.
5. Harassment.
6. Endangerment, assault or infliction of physical harm.
7. Disruptive or obstructive actions.
8. Misuse of firearms, explosives, weapons, dangerous devices or dangerous chemicals.
9. Failure to comply with university directives.
10. Misuse of alcohol or other intoxicants or drugs.
11. Violation of published university policies, regulations, rules or procedures.
12. Any other actions that result in unreasonable interference with the learning environment or the rights of others.

This list is not intended to define prohibited conduct in exhaustive terms, but rather offers examples as guidelines for acceptable and unacceptable behavior. Students are encouraged to review the UAF Student Code of Conduct ([http://www.uaf.edu/catalog/current/academics/regs3.html#Student\\_Conduct](http://www.uaf.edu/catalog/current/academics/regs3.html#Student_Conduct)).

**Attendance:**

Students are required to be present in the classroom at the start of each session. Because of the importance of each lesson within the AEMT training and the fact that each session builds upon material presented earlier in the course, attendance at **all sessions** is mandatory.

Classroom and Laboratory attendance is tracked through an iPad application. Students are **required to clock in and out** at each and every class. **Students who forget to clock in or out will be considered to be ABSENT during the times that they are not clocked in.**

We realize that there may be times when a student is sick; however the student is responsible for notifying the instructor **prior to the scheduled class** and arranging for all **missed material to be made up**. If a student accumulates more than 8 missed hours that were not approved in advanced and made up to the satisfaction of the instructor, they will receive an overall grade of "F" in the course and will not be allowed to take either certification exam. Students who notify the instructor may be able to attend lectures via live video conference.



### Time Commitment

This course is a 10 credit hour course that meets 9 hours for lecture weekly and 6 hours for skills weekly. Students enrolled in college level courses are typically expected to spend somewhere between 2 and 3 hours outside of class per credit hour – meaning for this course you will spend between 16 and 24 hours per week outside of the class preparing for the course that week. If you find yourself spending significantly more or less than this, please contact the instructor.

### ACADEMIC HONESTY

Students are expected to conduct themselves as EMS professionals during the entire course. As such academic dishonesty in any form **will not be tolerated**. Examples of academic dishonesty include, but are not limited to: submitting any work which the student did not personally complete, sharing or receiving answers on any individual assignment, falsifying any clinical document, falsifying any document submitted as part of the student's coursework, copying or paraphrasing any written or recorded work and passing it off as your own.

Often, students are not **intentionally** trying to be dishonest. Before submitting any assignment (or completing an online assignment / quiz) ask yourself this question: "Is the work that I am submitting completely my own? If the answer is "No", then you will need to provide the source of the information. Please contact the instructor if you have any questions.

#### Assessment of Learning and Grading System:

*Evaluation:* Grades will be based on the total number of points earned for various learning activities. **NOTE:** In order to be eligible to receive a sign-off to take the National Registry AEMT exam, students **MUST** score at least a 70% on the final exam **AND** have an overall average of 70% in the course. Students will be given a maximum of 3 attempts on the final exam. **Students found guilty of any kind of academic dishonesty will receive a "0" on that assignment.** Students with subsequent violations may receive a failing grade in the course.

90 – 100% = A  
80 – 89% = B

70 – 79% = C  
60 – 69% = D

Student evaluation will be based on:

- **Final Exam (20%):** Will include both written (70%) and practical (30%) sections.
- **Midterm Exam (10%):** Written exam (multiple choice and short answer).
- **Module Exams (20%):** Module exams are constructed to evaluate your critical thinking skills. This section includes FISDAP Exams, Math Exams, ECG Exam and Pharmacology Exams
- **Quizzes (20%):** Includes in-class quizzes and lab skill station exams.
- **Homework (15%):** Homework is composed of JBLearning.com assignments (Efolio, Lectures, Quizzes), and other assigned take-home assignments.

- **EMSTesting.com (15%):** Online EMSTesting.com quizzes. **EMSTesting.com** quizzes **MUST** be passed with a minimum score of 70%. Two attempts will be provided, with the highest score being recorded in the gradebook. Students failing to score at least 70% on the first two attempts will have a conference to discuss their academic progress and be given one final attempt to pass. Students failing a total of 3 times may be recommended for dismissal from the program. Additionally, students will complete “Adaptive” Exams during the semester and must meet the following minimum requirements:
  1. Minimum of 120 Questions in each category AND
  2. Difficulty of .55 or greater with score of 60% or higher OR
  3. Difficulty of .61 or greater in the category.Students failing to meet these requirements **by the day of the final exam** will receive a full letter grade deduction from their final grade.

The **minimum** acceptable grade for this course is a “C”. Students failing to have a “C” average at the end of the course OR students who fail to achieve a score 70% on the final exam within 2 attempts will not be allowed to take any of the certification exams. Students are also required to complete American Heart Association ACLS certification prior to being allowed to sit for the EMT-3 Exam.

Students are required to complete **all course requirements** no later than 30 days after the end of the course, or they will not be allowed to sit for certification exams.

### **ADA Policy**

The provision of equal opportunities for students who experience disabilities is a campus-wide responsibility and commitment. Disabilities Services is the designated UAF department responsible for coordinating academic support services for students who experience disabilities. To access support services, students must contact Disabilities Services (474-5655) and provide current disability documentation that supports the requested services. Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act (ADA) of 1990 mandate disability support services. Additional information may be accessed at the Disabilities Services’ office in the Whitaker building (room 208) – 612 N. Chandalar Fairbanks, AK 99709.

([www.uaf.edu/disability/](http://www.uaf.edu/disability/), [uaf-disabilityservices@alaska.edu](mailto:uaf-disabilityservices@alaska.edu) )

### **Support Services**

**The following services are available to all students:**

- The writing Center (8<sup>th</sup> floor, Gruening & Learning Center 604 Barnette) and Math Lab (305 Chapman) provide excellent advise, tutoring and assistance.
- CTC Student Services (604 Barnette St., 455-2899) or Student Support Services (508 Gruening, 474-6844) provide academic advising, placement testing, career assessment, career counseling, computer support as well as tutors/tutoring.