

## ADVANCED EMT AND EMT INTERMEDIATE INFORMATION

FALL 2017 – WINTER 2018

**CLASS DATES:** October 23, 2017 – February 16, 2018

**LOCATIONS:**

- LCC Main Campus, Building 30, Room TBA

**TIMES/DAYS:**

- Tuesdays, Thursdays, and Fridays – 6:00PM-10:00PM
- Details for licensing testing is to be determined
- Schedule will be adjusted for some holidays

**CLASS FORMAT**

- This is a hybrid course and will include in-class, online, and open practicing labs portions
- This class can accommodate distance learning for didactic information (practical skills must still be performed on-site)

**COST ESTIMATIONS (SUBJECT TO CHANGES)**

- \$1900: Tuition which includes course fees, and class materials/supplies for both AEMT and EMT Intermediate
- \$125: State Advanced EMT License Application (payable to the State of Oregon)
- \$100: National Registry of EMT's (NREMT) Application/Testing Fee for Advanced EMT (payable to NREMT)-
- \$125: State EMT Intermediate License Application (payable to the State of Oregon)
- \$125: Immunization database, verifications, background check, and urinalysis (this fee may be less for any students who completed there EMT course work from LCC in the last term)
- We have listed fees here to help students plan. Be aware that minor cost adjustments or possible new State fees may be required. We reserve the right to make these adjustments and this information sheet should not be considered a contract.

- Text Books:

- **Main Text:** Various Costs – Chose any Paramedic (preferred) or AEMT book or eBook
  - Brady's Essentials of Paramedic Care by Bledsoe
  - Brady's Advanced EMT: A Clinical-Reasoning Approach by Alexander
  - Brady's Paramedic Care: Principles and Practices, 7 volume set, by Bledsoe

*NOTE: any AEMT or Paramedic text will be adequate. We recommend one of the above, however students may choose the text book they would like. The textbook needs to be no less than a current edition of an Advanced EMT level text (or eText). A Paramedic text is also appropriate since Oregon has the EMT Intermediate level.*

- **EKG:** Though any EKG and 12-Lead texts are acceptable, we strongly recommend the following:
  - Arrhythmia Recognition: The Art Of Interpretation - \$20 to \$80 (depending on source)
  - 12-Lead ECG: The Art of Interpretation - \$20 to \$80 (depending on source)
- **Pharmacology** - ~\$80 (or you can choose to access credible websites). There are many medications/drugs that the AEMT/EMTI will need to know. These will include drugs the AEMT/EMTI will have available to administer to patients, others that will be for ALS use, and common prescription and non-prescription medications that patients will potentially be using. The pharmacology text/resource will be a very important resource for the AEMT/EMTI to have available to access drug details. Often medications have many uses with many different dosages to illicit appropriate physiologic responses. As such, there is often no one single resource that provides all the information the AEMT/EMTI will be required to know and understand.
- **Anatomy and Physiology** - ~Various Costs (the requirement is for the student to have access to anatomy and physiology books/resources, but there is flexibility in what the student obtains). Human anatomy and physiology is critical to understand for an AEMT/EMTI. Knowledge of body functions and structures will enable the AEMT/EMTI to better establish working diagnoses and proper care modalities. In addition, the AEMT/EMTI possesses the scope to administer many medications. Understanding the full impact of these drug administrations on the human body is mandatory.

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### WHAT TO EXPECT

The AEMT/EMTI class is a very intense but rewarding course. As an EMT (Basic) there are many ways in which we could potentially harm our patients. As an AEMT, EMT-I or EMT-P there are many *more* ways that we could harm (or potentially worsen or kill) our patients. This, along with our underlying philosophy that no patient should be further harmed (or dies) because of the EMT who happens to be on shift, drives the manner in which we teach EMT classes. As such, the AEMT/EMTI course offers the rewarding experience of learning, practicing, and implementing many advanced techniques and medication administrations. The AEMT/EMTI course will teach a wide variety of topics in EMS. We will dig much deeper into illness and injury and the corresponding treatments. There will be a much heavier emphasis on understanding human anatomy and physiology, with the idea that this will improve and in many cases enable us to better understand, and therefore treat, our patients.

This course requires quite a bit of commitment and study. We have very high expectations of both student preparedness and performance. We are looking for candidates that are ready and willing to give their full attention to their study of EMS. There will be a significant amount of reading and homework throughout this course. You should plan to spend several hours a week studying and perfecting your skills. Though this will have an impact on your daily life, it can be accomplished even if you work and/or have a family, as long as you plan your study time well (i.e. a little bit of quality study per day).

Former EMT (Basic) students of ours will find our approach to this class very similar to that of your EMT course. The key difference (aside from content) is our much higher expectation on you to be fully prepared and engaged in the course. Some EMT students can get away with reading and studying a bare minimum in an EMT class, and still get through. This will not be the case with AEMT/EMTI. You will need to plan your daily study time well, and give adequate commitment toward furthering your EMS education.

The EMT Intermediate course is newly revised and developed for the state of Oregon. The class is designed to increase critical thinking skills, especially related to pharmacology and EKG as well as integrate concepts learned in the AEMT course. Emphasis is placed on building critical thinking and problem solving skills. State statute requires one to be a licensed AEMT prior to completing the EMTI. Therefore, the EMTI portion of this combined class will begin once the AEMT portion is done and licensing exams have been conducted. Only those students that have passed their exams and have been licensed as an AEMT will be eligible to continue into the EMTI.

### CLINICAL AND INTERNSHIP:

Students will complete both clinical rotations at a hospital and a field internship with an agency. These will be set up through the class. Students may not attempt to set up their own time. Students will have specific objectives to meet at each of the settings. Skills will be documented and preceptors will give evaluations on student performance. Both clinical rotation and field internship time will be determined by skill performance and learning objectives. Students should plan accordingly with their schedules to be available for multiple shifts. Further details will be discussed in class.

### REGISTRATION PROCESS:

Email [ems@lanecc.edu](mailto:ems@lanecc.edu) or visit <https://blogs.lanecc.edu/ems/aemt/> for information and to register. You MUST hold a current OREGON EMT license to attend this course.

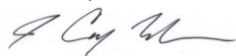
### FINAL THOUGHTS:

The AEMT/EMTI courses are a significant investment in your EMS career and knowledge. We teach these classes with 3 primary, inter-related goals. 1) To ensure the EMT is properly trained and ready to deliver high quality care to a patient, with confidence, effectiveness, efficiency, and compassion; 2) to ensure the EMT student understands and possesses the tools to work as an EMT at this level, with the possibility that this is the pinnacle of the student's EMS training; and 3) to prepare the student who desires to enter a Paramedic course with a significant background and understanding of EMS and patient care, enabling the student to have a more efficient and productive class experience at the next level.

The previously outlined information should help you to understand what we expect out of my students, and what you should be able to expect out of the class. Once you commit to this experience, be prepared for hard work, quality study, and (yes) quite a bit of fun learning and experiencing this side of EMS.

Hope to see you in class.

Cheers,



Cory Miner, EMTP