

Emergency Medical Services

Emergency Medical Services is divided into separate course templates to help students prepare for certifications in **Emergency Medical Technician** or **Emergency Medical Responder**.

The lessons provided in the two templates are similar. The difference is that EMR is shorter because EMT specific skills have been removed.

To be successful in today's continually changing health care industry, students must be able to learn and apply an ever-increasing breadth of knowledge. Students need to understand the technical and interpersonal aspects of care and develop the ability to apply them. They must also recognize that the role of the EMS provider requires the highest standards in work ethic and personal responsibility. EMS professionals must assess various emergency situations and respond quickly, safely, and accurately. The curriculum in these courses can help meet those needs.

Getting Help

An important aspect to your success is getting the proper support when you need it. Applied Educational Systems has over 30 years of experience providing classroom resources to teachers and students. Throughout this time, we have taken great pride in our top-notch customer service. We can help you get start and be successful in several ways:

- **AES Learning Center** – The AES Learning Center is a library of resources to help you save time in your classroom and use AES in the way that best suits you and your students. The library is easy to search and is frequently updated.
- **AES Support** – Use our live chat, email, or telephone support if you have questions.
- **AES Educator Community on Facebook** – The AES Educator Community is a place for AES users to ask questions, discuss teaching strategies, share resources and support each other. If you want to collaborate with other AES teachers, this is the place for you!
- **Email Newsletter** – We have a newsletter for all AES Customers to help keep you informed about updates.

Course Framework

The AES course framework is organized into a specific learning plan that we refer to as “the four phases.” The four-phase learning plan is designed to maximize student understanding while also saving you time with planning. The curriculum is taught with a combination of lectures, hands-on activities, and computer-based learning.

The four phases of the AES curriculum are listed below.

Explore (teacher-led activities)

- Hook students’ interests
- Prime students for learning new concepts and skills
- Examples include role-play scripts, equipment demonstrations, other activities to introduce topics and initiate classroom discussion

Learn & Practice (student-directed activities)

- Self-paced, interactive eLearning lessons
- Heart of the AES curriculum, where most standards are covered and learning takes place
- Students examine content, may practice skills, and complete assessments
- Teacher resources, including lesson plans, PowerPoints, and quiz and test keys

Reflect (teacher-led activities)

- Review and discuss key ideas from the eLearning lessons
- Help students connect new concepts to existing knowledge and experience
- Short essay prompts mix academic skills related to language arts and writing

Reinforce (teacher-led/student-directed activities)

- Individual and group student projects that enhance understanding of concepts and skills
- Require student application of module concepts
- May take one or several class periods (suggested hours listed in the Curriculum Hours table)
- May include rubrics for assessing projects

Detailed descriptions of Explore, Learn & Practice Units, Reflect, and Reinforce are in the Lesson Plans, which are available in the Teacher Resource area for each module.

Emergency Medical Technician - Curriculum Hours

The following table is provided for you to easily identify the number of estimated curriculum hours for the four phases of each module.

NOTES:

1. A “curriculum hour” is equal to approximately 45-50 minutes of instruction.
2. Learn & Practice hours include 1 curriculum hour for the Module Test.
3. Your times may vary depending on the age and experience of the learner.

Module	Explore hours	Learn & Practice	Reflect hours	Reinforce Projects hours
Preparatory	1	16	1	3 - Job Search 1 - Current Event Report
Anatomy & Physiology	1	14	1	2 – Informative Brochure 1 – Body Function Worksheet 1 - Current Event Report
Medical Terminology	1	5	1	1 - Worksheet & Crossword Puzzle 1 - Current Event Report
Pharmacology	1	3	1	3 - Culture and Religion 1 - Current Event Report
Airway	1	9	1	3 - Ethics Debate 1 - Current Event Report
Patient Assessment	1	15	1	3 - Scenario Writing 1 - Current Event Report
Shock & Resuscitation	1	7	1	2 - Shock & Resuscitation Scenario 1 - Current Event Report
Medical	1	16	1	2 - Medical Scenario 1 - Current Event Report
Trauma	1	22	1	2 - Trauma Scenario 1 - Current Event Report
Special Populations	1	10	1	2 - Special Populations Scenario 1 - Current Event Report
EMS Operations	1	7	1	1 - EMS Operations Scenarios 1 - Current Event Report

Emergency Medical Responder - Curriculum Hours

The following table is provided for you to easily identify the number of estimated curriculum hours for the four phases of each module.

NOTES:

1. A “curriculum hour” is equal to approximately 45-50 minutes of instruction.
2. Learn & Practice hours include 1 curriculum hour for the Module Test.
3. Your times may vary depending on the age and experience of the learner.

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