

## MASCONOMET REGIONAL SCHOOL DISTRICT

COURSE NAME: FIRST RESPONDER

COURSE NUMBER: 2951

DEPARTMENT: HEALTH/GUIDANCE

GRADE LEVEL(S): 9, 10, 11, 12

LENGTH OF COURSE: 1 SEMESTER

### Course Description:

First Responder is an elective for students interested in learning advanced first aid skills. This course is well-suited for students wishing to pursue employment as lifeguards or in the ski patrol or for those considering careers in law enforcement, medicine, firefighting, or other occupations where advanced layperson medical care may be required. The course provides an overview of human anatomy, personal safety in emergency situations, legal considerations, and the care of sick and injured patients. Students learn medical terminology, assessment of sick and injured people, and teamwork techniques when dealing with emergency scenes. Upon successful completion of the course, tests, and skill stations, students earn First Responder certification (National DOT Guidelines) as well as a BLS Healthcare Provider CPR card. Topics include bleeding, shock, wounds, fractures, seizures, scene safety and control, drug overdose, childbirth, sudden illness, poisoning, burns, airway management, infection control, sudden illness, and rescue.

### Objectives:

1. Students will become familiar with the EMS system and develop the knowledge and skills required to safely implement patient care and support prior to EMS arrival.
2. Students will become certified in Professional Rescuer CPR.
3. Students will utilize appropriate medical terminology and acronyms when describing medical/trauma situations.
4. Students will proficiently demonstrate the skills of CPR, spine immobilization, splinting, taking vital signs and patient assessment.

### Materials and Activities:

This course will utilize the following texts: First Responder, Professional Rescuer CPR

This course will utilize the following types of activities:

- Homework- Readings in the First Responder textbook.
- Discussion- Students will analyze medical and trauma scenarios and establish appropriate responses in case studies.
- Skill Development- Each student will successfully demonstrate the skills of CPR, spine immobilization, splinting, taking vital signs and patient assessment.
- AV Aids- Keynote presentations and videos will be used in training.
- Evaluation- Chapter quizzes and module exams will evaluate student academic learning.

### Scope and Sequence:

The following modules will be covered:

1. Preparing to Be a First Responder
2. Airway Management
3. Patient Assessment
4. Circulation
5. Illness and Injury
6. Childbirth, Pediatrics and Geriatrics
7. EMS Operations

These topics support the Massachusetts Health Education Curriculum Framework.

Students learn medical terminologyA1, assessment of sick and injured peopleA3, and teamwork techniques when dealing with emergency scenesC3. Upon successful completion of the course, tests, and skill stations, students earn First Responder certification (National DOT Guidelines) as well as a BLS Healthcare Provider CPR card.

Topics include bleeding, shock, wounds, fractures, seizures, scene safety and control, drug overdose, childbirth, sudden illness, poisoning, burns, airway management, infection control, sudden illness, and rescue.

#### Assessment:

- Tests: Tests are designed to test the specific objectives and content of each chapter.
- Homework Evaluation: Each student's written homework is collected and evaluated on the basis of quality, accuracy and neatness.
- Class Participation: Each student is expected to actively participate in discussion based on the individual student's ability to contribute orally.
- Final Examination: This test is given at the end of the year to evaluate the major objectives and content of the course. It consists of basic concepts, historical events, and skills.

#### Expectations Addressed:

##### Academic Expectations

1. Students will communicate effectively.
3. Students will use problem-solving skills.
4. Students will use a variety of technological and informational resources to gather, analyze, and synthesize facts, results, ideas, and concepts.

##### Social Expectations

1. Students will assume responsibility for their own behaviors.
2. Students will contribute to the well-being and welfare of others within the school community.
3. Students will demonstrate respect for themselves and others.

##### Civic Expectations

1. Students will participate in decision making and team building activities.
2. Students will demonstrate and practice an understanding of the rights and responsibilities of citizenship.
3. Students will make positive contributions to the community.

### Student Information

#### First Responder

FIRST RESPONDER is an elective for students interested in emergency services (firefighting, law enforcement, emergency medical services), medicine, athletic training, or any other health-related career. Upon successful completion of the course, tests, and skill stations, students earn First Responder certification as well as a valid CPR card. Topics include bleeding, shock, wounds, fractures, seizures, scene safety and control, drug overdose, childbirth, sudden illness, poisoning, burns, airway management, infection control, sudden illness, and rescue.

#### Grades and Skills:

Quizzes will be given regularly, often tied to the end of a chapter from the text. Modular exams will be given at the end of each DOT-established module. A final exam will occur at the end of the course. Skill stations must be mastered and passed at 100% proficiency. Skill station evaluation will take place within the course as each skill is taught and at the end of the course.

#### Requirements for First Responder Certification

A minimum grade of 80% or above for both terms, as well as a final exam grade of 80% or above.

Certification in CPR (Professional Rescuer level).

Attendance for 90% of classes\*.

Completion of all homework assignments including workbook pages.

Competent demonstration of all skill stations including CPR, backboarding, and splinting.

Evaluation will always be cumulative. You may make up quizzes within one week of receiving them back. You may not retake a Module Exam.