



## Course Syllabus

Course Name: Emergency Medical Technician  
Course Number: EMS 200  
Course Department: Health Science  
Course Term: Summer 2016  
Revised: May 2016

Room: AST 215	Day: Monday	Time: 6 PM – 10 PM
	Day: Wednesday	Time: 6 PM – 10 PM
	Day: Thursday	Time: 6 PM – 10 PM
	Day: Saturday (7/9/16)	Time: 8 AM – 5 PM

Course Start Date: May 11, 2016      Course End Date: July 28, 2016

Instructors:  
Shayne Hennigar, EMT, EMS-I  
Heather Olberding, Paramedic

Office Location: AST 204

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Office Hours:  
Day: Monday  
Day: Thursday      As scheduled by appointment

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Final Exam: Day: Wednesday      Date: July 27, 2016      Time: 6 PM

1. Total Semester Hour(s) Credit: 8.0
2. Total Contact Hours per Semester:
  - a. Lecture: 105    Lab: 30    Clinical/Field: 32
3. Catalog Description: This course is a combined lecture/lab/clinical course which has been developed by the United States National Highway Traffic Safety Administration. The course follows the January 2009 National Emergency Medical Services Education Standards for the Emergency Medical Technician (EMT). This course provides the student an opportunity to supply cognitive knowledge and psychomotor skills in the classroom, hospital, and pre-hospital setting. Students receive a letter grade for the classroom and lab portions of the course. The clinical portion is graded on a pass/fail basis. Instruction is related to patient assessment in areas of basic life support, cardiac arrest, trauma, and medical emergencies. Students must complete a minimum of 32 hours of clinical/field time to successfully complete the course. Upon successful completion of this course students will be eligible to take National Registry of EMTs certification testing at the Emergency Medical Technician level.

Students will be required to undergo a national criminal background check and State of Iowa child/adult abuse registry check prior to clinical rotations. Mandatory reporter training and a health physical are required prior to starting clinical/field rotations. The cost of obtaining these requirements is in addition to course tuition and fees. Information on how to satisfy these requirements will be distributed the first night of class.

4. Pre-requisites and/or Co-requisites:

- a. Prerequisite: CPR for the Professional Rescuer or CPR for the Healthcare Provider  
Must be 17 years of age at time of enrollment  
Must possess a valid driver's license  
Must be able to read and write the English language

5. Textbook Required: Emergency Care and Transportation of the Sick and Injured 10<sup>th</sup> Edition; Pollak;  
ISBN: 9781284085693

- a. Access Code: EMSTesting.com EMT Exam Access Card (Available through Iowa Central Bookstore or online at [www.emstesting.com](http://www.emstesting.com).)
- b. Access Code: Navigate 2.0 (Bundled with textbook through Iowa Central Bookstore)

6. Supplemental Materials Required: None

7. Institutional Outcomes:

- a. *Critical Thinking*: The ability to dissect a multitude of incoming information, sorting the pertinent from the irrelevant, in order to analyze, evaluate, synthesize, or apply the information to a defensible conclusion.
- b. *Effective Communication*: Information, thoughts, feelings, attitudes, or beliefs transferred either verbally or nonverbally through a medium in which the intended meaning is clearly and correctly understood by the recipient with the expectation of feedback.
- c. *Personal Responsibility*: Initiative to consistently meet or exceed stated expectations over time.

8. Department Outcomes:

- a. Provide effective education in emergency medical services and related areas to produce competent graduates that can practice as entry level nationally registered EMTs. Program graduates should participate in personal development and career development activities.
- b. Provide programming that meets the needs of the customers that we serve.
- c. Provide encouragement to graduates to pursue career advancement in EMS education, management, or baccalaureate education.

9. Course Outcomes:

- a. Students will have knowledge of the current make-up of the modern EMS system including history of, types of systems, how to access the system, education, and authorization to practice.
- b. Students will have knowledge of the roles, responsibilities, and professionalism of EMS personnel.
- c. Students will have knowledge of the concept of quality improvement.
- d. Students will have knowledge of the concept of evidence based decision making and the impact of research on EMS care.
- e. Students will have knowledge of the concept of standard safety precautions, the use of personal protective equipment, how to manage stress, and the prevention of work-related injuries.
- f. Students will have knowledge of the equipment utilized in the lifting and moving of patients.
- g. Students will have knowledge of physical and mental wellness principles affecting EMS personnel.
- h. Students will have knowledge of the principles of medical documentation and report writing.

- i. Students will have knowledge of the team approach to EMS communications, communications system components, types of communication, and system maintenance.
- j. Students will have knowledge of the principle of therapeutic communication.
- k. Students will have knowledge of the different types of consent and the implications of consent on patient care.
- l. Students will have knowledge of the concepts of confidentiality, advanced directives, and tort and criminal actions.
- m. Students will have knowledge of the concepts of mandatory reporting, evidence preservation, and ethical principles which affect EMS personnel.
- n. Students will have knowledge of basic human anatomy and physiology that the EMT must know in order to effectively care for patients.
- o. Students will have knowledge of basic medical terminology forms, medical terms, and standard abbreviations and acronyms.
- p. Students will have knowledge of life span development from infancy to late adulthood. Psychological and physiological concepts of life span development will be discussed.
- q. Students will have knowledge of basic principles of public health including the role of public health, public health laws, regulations and guidelines, and how EMS interfaces with public health.
- r. Students will have knowledge of medication safety, forms of medications, routes of medications, and basic medication terminology.
- s. Students will have knowledge of the difference between assisting with and administering a medication, medication administration procedure, and medication delivery techniques.
- t. Students will have knowledge of which medications they may assist with and which medications they administer.
- u. Students will have knowledge of respiratory system anatomy and physiology, assessment, and techniques of assuring a patent airway.
- v. Students will have knowledge of assessment of adequate and inadequate ventilation.
- w. Students will have knowledge of the concepts of scene safety and scene management.
- x. Students will have knowledge of primary survey/primary assessment.
- y. Students will have knowledge of investigation of the chief complaint, components of patient history, techniques of history taking, developing a standardized approach to history taking, and taking history on sensitive topics.
- z. Students will have knowledge of techniques of physical examination of all body systems.
- aa. Students will have knowledge of pulse oximetry and non-invasive blood pressure monitoring.
- bb. Students will have knowledge of the importance of reassessing their patient's condition.
- cc. Students will have knowledge of how all the concepts of medical assessment flow together.
- dd. Students will have knowledge of how to assess a patient experiencing a neurological, abdominal, gastrointestinal, immunological, infectious disease, endocrine, psychiatric, cardiovascular, toxicological, respiratory, hematological, renal, genitourinary, or gynecological emergency.
- ee. Students will have knowledge of how to assess a patient experiencing non-traumatic musculoskeletal disorders and diseases of the eyes, ears, nose, and throat.
- ff. Students will have knowledge of how to assess a patient experiencing signs and symptoms of shock, respiratory failure or arrest, and cardiac failure or arrest.
- gg. Students will have knowledge of how to identify and categorize trauma patients, the pathophysiology of trauma, and how to assess a trauma patient.
- hh. Students will have knowledge of how to assess a trauma patient experiencing bleeding, chest trauma, abdominal and genitourinary trauma, orthopedic trauma, soft tissue trauma, trauma to the head, face, neck and spine, and nervous system trauma.
- ii. Students will have knowledge of special considerations in trauma. Trauma in the pregnant patient, trauma in the pediatric patient, and trauma in the elderly patient.
- jj. Students will have knowledge of environmental emergencies. They will learn how to assess a patient experiencing a submersion incident, temperature related illness, bites and envenomation, diving emergency and electrical/radiation emergency.

- kk. Students will have knowledge of the kinematics of trauma, multi-system trauma, and special injuries associated with multi-system trauma.
- ll. Students will have knowledge of how to assess and manage an obstetric patient.
- mm. Students will have knowledge of how to assess and manage a pediatric patient.
- nn. Students will have knowledge of how to assess and manage a geriatric patient.
- oo. Students will have knowledge of how to assess and manage a patient experiencing abuse/neglect.
- pp. Students will have knowledge of how to assess and manage a bariatric patient, technology assisted/dependent patient, hospice care and terminally ill patient, a patient with sensory deficits, a patient using home care, and patients with developmental disabilities.
- qq. Students will have knowledge of the risk and responsibilities of emergency response.
- rr. Students will have knowledge of how to establish and work within the incident management system.
- ss. Students will have knowledge of multiple casualty incidents and the implications of a multiple casualty incident.
- tt. Students will have knowledge of how to work safely and effectively with an air medical service.
- uu. Students will have knowledge of how to work cooperatively during vehicle extrication.
- vv. Students will have knowledge of hazardous materials awareness.
- ww. Students will have knowledge of the risks and responsibilities of operating on the scene of a natural or man-made disaster.

#### 10. Psychomotor Outcomes:

- a. Students will practice how to utilize standard safety precautions and personal protective equipment.
- b. Students will practice how to safely lift and move a patient.
- c. Students will practice how to effectively position a patient experiencing a variety of medical and trauma conditions.
- d. Students will practice how to restrain a patient safely and the proper use of restraints.
- e. Students will practice how to correctly complete a pre-hospital care report.
- f. Students will practice how to safely assist with or administer a medication.
- g. Students will practice techniques of assuring a patent airway.
- h. Students will practice techniques of managing adequate and inadequate respiration.
- i. Students will practice techniques of managing inadequate ventilation and the differences between normal and positive pressure ventilation.
- j. Students will practice techniques of primary survey/primary assessment.
- k. Students will practice techniques of investigation of the chief complaint, components of patient history, techniques of history taking, developing a standardized approach to history taking, and taking history on sensitive topics.
- l. Students will practice techniques of physical examination of all body systems.
- m. Students will practice techniques of pulse oximetry and non-invasive blood pressure monitoring.
- n. Students will practice techniques of reassessing their patient's condition.
- o. Students will practice putting all of the concepts of medical assessment together to effectively treat a medical patient.
- p. Students will practice techniques of treating a patient suffering from a neurological, abdominal, gastrointestinal, immunological, infectious disease, endocrine, psychiatric, cardiovascular, toxicological, respiratory, hematological, renal, genitourinary, or gynecological emergency.
- q. Students will practice techniques of treating a patient suffering from non-traumatic musculoskeletal disorders and diseases of the eyes, ears, nose, and throat.
- r. Students will practice techniques of treating a patient suffering from shock, respiratory failure or arrest, and cardiac failure or arrest.

- s. Students will practice techniques of how to identify and categorize trauma patients, the pathophysiology of trauma, and how to assess a trauma patient.
- t. Students will practice techniques of how to treat a patient experiencing bleeding, chest trauma, abdominal and genitourinary trauma, orthopedic trauma, soft tissue trauma, trauma to the head, face, neck and spine, and nervous system trauma.
- u. Students will practice techniques of how to treat trauma in the pregnant patient, trauma in the pediatric patient, and trauma in the elderly patient.
- v. Students will practice techniques of how to treat a patient experiencing a submersion incident, temperature related illness, bites and envenomation, diving emergency, and electrical/radiation emergency.
- w. Students will practice techniques of how to treat a multi-system trauma patient and a blast injury patient.
- x. Students will practice techniques of how to treat an obstetric patient.
- y. Students will practice techniques of how to treat a pediatric patient.
- z. Students will practice techniques of how to treat a geriatric patient.
- aa. Students will practice techniques of how to care for a tracheotomy.
- bb. Students will practice how to care for patients during a multiple casualty incident.

#### 11. Student Outcomes:

- a. Students will be able to apply fundamental knowledge of EMS systems, safety/well-being of the EMT, and medical/legal and ethical issues to the provision of emergency care.
- b. Students will be able to apply fundamental knowledge of the anatomy and function of all human systems to the practice of EMS.
- c. Students will be able to use foundational anatomical and medical terms and abbreviations in written and oral communication with colleagues and other health care professionals.
- d. Students will be able to apply fundamental knowledge of the pathophysiology of respiration and perfusion to the patient assessment and management.
- e. Students will be able to apply fundamental knowledge of life span development to patient assessment and management.
- f. Students will be able to use simple knowledge of the principles of illness and injury prevention in emergency care.
- g. Students will be able to apply fundamental knowledge of medications that the EMT may assist/administer to a patient during an emergency.
- h. Students will be able to apply fundamental knowledge of anatomy and physiology to patient assessment and management in order to assure patent airway, adequate mechanical ventilation, and respiration for patients of all ages.
- i. Students will be able to apply scene information and patient assessment findings (scene size-up, primary and secondary assessment, patient history, reassessment) to guide emergency management.
- j. Students will be able to apply fundamental knowledge to provide basic emergency care and transportation based on assessment findings for an acutely ill patient.
- k. Students will be able to apply fundamental knowledge of the causes, pathophysiology, and management of shock, respiratory failure, or arrest, cardiac failure or arrest, and post-resuscitation management.
- l. Students will be able to apply fundamental knowledge to provide basic emergency care and transportation based on assessment findings for an acutely injured patient.
- m. Students will be able to apply fundamental knowledge of growth, development, aging and assessment findings to provide basic emergency care and transportation for a patient with special needs.
- n. Students will be able to apply knowledge of operational roles and responsibilities to ensure patient, public, and personnel safety.

## 12. College Procedures:

### a. Administrative Withdrawal Process

Administrative Withdrawal: An expectation of this course is that you will participate in all class meetings and conscientiously complete all required course activities and/or assignments. After you miss 25% of the course meetings, you will be administratively withdrawn from this course. *This class is scheduled to meet 35 times during the semester. When your number of absences has exceeded 35 hours, you will be withdrawn, and a "W" will appear on your transcript. You have the right to appeal the withdrawal to the Vice President of Instruction.* Administrative withdrawal may have academic, scholarship, financial aid, and/or housing implications. If you have questions about the administrative withdrawal policy at any point during the semester, please contact the EMS Coordinator.

### b. Children in the Classroom: Students are not allowed to bring children into the classrooms, labs, shops, or hallways during class times.

### c. Weather policy: In the event of extreme weather conditions necessitating closing the college, the following radio stations will be asked to announce the closing, starting at 6 am for day classes and 4 pm for evening classes: KVFD, KUEL, KKEZ, KIAQ, KQWC, KTPR, KHBT, KTLB, KAYL, and KDLS. Instructors may make final decisions on make-ups due to inclement weather. The final decision to attend college classes can only be made by the individual based on his or her specific extenuating circumstances that may make it hazardous for him or her to travel. Students may sign-up for the Triton Alert system to receive weather related information sent to their e-mail or via text message (text messaging fees may apply). Any student who feels that they cannot safely make it to class due to inclement weather should notify the course instructor or EMS coordinator prior to the start of class.

### d. Course withdrawal procedure:

1. The student will submit the withdrawal request online. This is located in WebAdvisor.
2. The instructor immediately receives an email telling him/her that the student has requested the drop.
3. The instructor will go into WebAdvisor and approve or deny the request.
4. If the instructor does not respond immediately, he/she will receive an email each night until the request is approved or denied.
5. If the instructor does not respond after two working days, the Health Science Dean will receive an email saying the instructor has not responded to the request yet.
6. Once the request is approved, the Student Records Office will withdraw the student based on the date the student submitted the request.

### e. Class cancellation: Class cancellations will be posted on Triton Pass and emailed to students. Cancellations, including campus closings, are also available as text messages through Triton Alerts.

## 13. Grade Appeal Process:

### a. Students who believe a course grade they have received is inaccurate may seek an appeal. Please refer to the Student Handbook for more specific information.

#### 14. Special Populations/Accommodations:

- a. Students who feel they may need academic accommodations should contact the Academic Resource Center early in the semester. The Coordinator will verify documentation and coordinate appropriate and reasonable accommodations. Students must obtain a new accommodation notification each semester.

For information contact:  
Coordinator of Special Needs  
Academic Resource Center  
515-574-1045

#### 15. Course Specific Policies:

- a. **Course Syllabus Agreement:** By remaining enrolled in Emergency Medical Technician, the student agrees to the policies contained in the syllabus. Students are given a chance to read and ask questions to clarify any information they do not understand. Students are expected to take responsibility for knowing the information contained in the EMS – 200 (EMT) syllabus and will seek clarification as needed during their time in the Emergency Medical Technician class.
- b. **Communication:** Course instructors will dictate how they want to be contacted outside of normal class time. Students are expected to be respectful of course instructor's time and privacy. Whenever possible students should contact course instructors via e-mail. Please allow at least 72 hours for your instructor to respond to any e-mail correspondence. If contacting a course instructor by utilizing their private telephone number, cellular phone number, or text message it should only be done during the hours of 8 AM – 9 PM unless the instructor has explicitly given the student permission to contact them during other hours.
- c. **Personal Responsibility:** Students need to take responsibility for their own academic success. This includes reading the assigned readings prior to class, completing homework on time, and adequately preparing for examinations and quizzes. In the event that a student knows that they will be absent from class or late to class they should make every effort to contact the course instructor or EMS Coordinator via e-mail or phone message as soon as possible. Students are responsible for making up course material prior to any absences unless an emergency arises.
- d. **Classroom Management and Behavior:**
  1. Use of cellular phones, two-way radios, and pagers during class will be at the discretion of the instructor. At no time should the use of these devices be distracting to other students in class. The instructor reserves the right to request that these devices NOT be operational during class and to dismiss any student from class that abuses this policy.
  2. During classroom discussion or lecture, there will be respect displayed for the person speaking.
  3. Because of our fast-paced semester, I ask that you keep your questions relevant to the topic we are covering.
  4. Pay attention in class. Sometimes if you are distracted you may miss the answer to your question.
  5. Be accountable for your actions. This will be helpful to you in your EMS studies.
  6. You may have food and drinks. If you spill anything, please clean it up immediately and dispose of your containers in the garbage.
  7. Students need to take responsibility for their own academic success. This includes reading the assigned readings, completing homework, and preparing for examinations and quizzes.

e. **Participation/Attendance Policy:** An expectation of this course is that you will participate in all class meetings and conscientiously complete all required course activities and/or assignments. After you miss 25% of the course meetings, you will be administratively withdrawn from this course. *This class is scheduled to meet 35 times during the semester. When your number of absences has exceeded 35 hours, you will be withdrawn, and a "W" will appear on your transcript.* Absences must be reported to the course instructor or EMS Coordinator prior to the class. Daily attendance will be taken and entered into WebAdvisor. Participation points may be awarded at the discretion of the course instructor. In the event that you are absent from class you are not eligible for any participation points awarded during that class session.

f. **Assessments:**

1. **Quizzes** – Short quizzes may be given throughout the course. Quizzes are not allowed to be made up unless a student is absent because of a college sponsored activity or military commitment. All unannounced quiz scores will be used in the calculation of the student's final grade.
2. **Homework/Assignments** – Assignments and homework may be assigned throughout the course. If you will not be in class it is your responsibility to submit any homework/assignments prior to the time due.
3. **Practical skill labs** – Practical skill labs will be conducted throughout the course. You should plan on being there for all practical skill labs. Practical exam labs may not be made up unless you are absent for college sponsored activity or military commitment. Labs will be conducted using the NREMT-EMT psychomotor exam standards and FISDAP skill forms. All practical skills labs are graded as pass or fail. Students must pass the practical skills labs to be eligible for a satisfactory grade (C or above). To pass the practical skills lab portion of the course, the student must demonstrate a 75% proficiency, at a minimum, in all practical skills as determined by the instructor, coordinator, or instructor aides utilizing NREMT-EMT psychomotor exam standards and/or FISDAP skill forms by the end of the course. Failure of practical skills labs will result in a failing grade or "F" for the course regardless of the student's didactic points. Students must satisfactorily complete the medical assessment and the trauma assessment skill labs with a passing grade, as determined by the course instructor, at least once before being allowed to begin clinical/field internship rotations.

We will be using equipment and supplies during practical skills lab that must be used under the direct supervision of an instructor, instructor aide, or EMS coordinator. At no time shall a student remove equipment or supplies from the practical skills lab area without the expressed approval of the instructor, instructor aide, or EMS coordinator. Removal of equipment or supplies from the practical skills lab area without approval will result in disciplinary action up to and including removal from the program.

4. **Exams** – There will be unit exams and a cumulative final exam for the course. Exams may consist of multiple choice, true/false or short answer questions. Any missed examinations must be taken within two class meetings from the original testing date otherwise a zero will be given. **Students will receive a 10% point deduction for any missed exams.** Students will not be allowed to retake exams on which they have scored poorly. Any missed examinations must be taken within two class meetings from the original testing date otherwise a score of zero will be awarded for the examination. Students arriving more than five minutes late for exams will not be allowed to take the exam.



5. Clinical - The clinical portion of EMS-200 is pass/fail. To pass the clinical component, the student must demonstrate proficiency in all clinical skills as determined by the instructor, coordinator, preceptor, or instructor aides. All clinical skills must be performed under the direct supervision of a preceptor. In addition, the student must complete a minimum of one ER shift, one pre-hospital shift, and other ER/pre-hospital shifts of their choosing for a minimum of 32 hours prior to the end date of the course in order to pass the clinical component of the course. During clinical/field rotations students must have a minimum of 10 medical patient and 5 trauma patient contacts. Students must pass the clinical component to be eligible for a satisfactory grade (C or above). Failure of clinical skills or failing to complete the required hours/contacts by the end date of the course will result in a failing grade or "F" for the course regardless of the student's didactic points. Removal of equipment or supplies from the clinical area without approval will result in disciplinary action up to and including removal from the program.

Upon completion of Iowa Central Community College course requirements the student can't participate in field or clinical experiences as an Iowa Central Community College student.

Students who have not received approval for an extension of course requirements, due to extenuating circumstances, prior to the end date of the course can't participate in field or clinical experience as an Iowa Central Community College student after the end date of class.

Students will adhere to all policies governing EMS Student Uniform and Personal Appearance. Students will adhere to all Fisdap policies.

**\*Please note that assessments are subject to change**

- g. Final Exam Policy: If a student misses the final examination they receive a zero and will not be allowed to take the examination. Students arriving more than five minutes late for the final examination will not be allowed to take the exam.

No final will be administered before its schedule time; however, any student scheduled for more than two exams on a given day, or at the same time, will take the exam listed in the course listed first alphabetically by course prefix during the scheduled exam time. It will be up to the student and instructor in the course listed last alphabetically to arrange another exam time, if needed. The student must provide a current schedule to the instructor for verification. Any requests for the final examination be taken early must be approved by the Vice-President of Instruction.

- h. Grading Policy/Scale: For successful completion of Emergency Medical Technician, students must achieve a "C" average and complete a minimum of 16 hours of hospital based clinical rotations in the emergency department and a minimum of 16 hours of pre-hospital field rotations with the required patient contacts. The didactic portion of the EMT program is based on a point system. Coursework in EMT is weighted by category with some coursework carrying more weight than other coursework. **The final percentage will not be rounded. Students will receive the actual percentage that they have earned.** The resulting percentile will be applied to the following scale:

A student must earn 75% (straight percentage no rounding) to achieve a "C".

92 – 100%	=	A
84 – 91%	=	B
75 – 83%	=	C
70 – 74%	=	D
69% and below	=	F

- i. **Late Work Policy:** If an assignment is not submitted the student will receive a zero. All assignments submitted after the time due will have a 25% point deduction per day that they are late.
- j. **Extra Credit Policy:** Extra credit is not awarded for this course.
- k. **Group Work/Collaboration:** Group work/collaboration is allowed at the discretion of the instructor. The instructor will specifically indicate if group work/collaboration is allowed on a specific assignment. Unless directly indicated by the instructor it should be assumed that group work/collaboration is not allowed on assignments and such group work/collaboration is considered scholastic dishonesty and will be treated as such.
- l. **Previous Work:** If a student wishes to submit work completed in another course to meet requirements of coursework for EMS-200 they must first seek the approval of the course instructor. Acceptance of previous coursework is at the discretion of the instructor. If a student does not seek prior approval from the course instructor any submittal of previous coursework will be considered scholastic dishonest and will be treated as such.
- m. **Standards for Written Work:** Standards for written coursework will be at the discretion of the course instructor and will be clearly indicated. Course instructors can require coursework to be typed and may have standards for grammar, punctuation, etc. If MLA or APA format is required it will be indicated by the course instructor
- n. **Scholastic Honesty Policy:** Iowa Central Community College may initiate disciplinary proceedings against a student accused of scholastic dishonesty. Scholastic dishonesty includes, but is not limited to, cheating and plagiarizing. Plagiarism is presenting someone else's words as one's own. Whether in writing or in speaking. Cheating and plagiarism, whether intentional or accidental, are serious offenses. An instructor who suspects a student of scholastic dishonesty will inform the student of the allegation as soon as possible. It is up to the instructor to determine the disciplinary action to be taken, which could include giving the student a zero for the assignment, reducing the student's grade for the course, assigning an "F" for the course, or other action. Complete details of this policy may be found in the Iowa Central Community College Student Handbook.

- o. **Teaching Philosophy:** Power point presentations, small and large group discussions and activities, audio-visual material, computer interactive software, practical skill labs/demonstrations will be used. Students will practice skills on each other during the course of practical skill labs. All skills practice will be conducted under the direct supervision of course instructors. Students should report any conduct that they deem inappropriate immediately to the course instructor or EMS Coordinator.
- p. **Computer Considerations:** Iowa Central Community College computers have Microsoft Word installed. Coursework created in "Works" and other programs may not open on college computers. Coursework should be saved in a Microsoft Office or PDF format. Excuses about disk or printer issues are not acceptable. Complete your work early and this will not be a problem. Please consult with your course instructor if you need clarification on how to save files.
- q. **Technology in the classroom:** Students are encouraged to bring laptops and other technology to class to facilitate their learning. All technology use during class time should be used to facilitate learning about the subject being discussed. If this privilege is abused or others in class are distracted by your use of technology you will be asked to refrain from bringing technological devices to future classes.
- r. **Certification Exam Eligibility:** Per Iowa Code 641 – 131.4(1g) "When a student's EMS Student Registration or a candidate's EMS Certification Application is referred to the department for investigation, or when a student or candidate is otherwise under investigation by the department, the individual shall not be eligible for certification, and the practical examination results will not be confirmed with the NREMT, until the individual is approved by the department."

*Our role is to facilitate your learning. If you have questions or concerns about your grades, study skills, performance, or need clarification of lecture material, please see us during office hours or make an appointment with us.*

Course Schedule:

DATE	Topic	Assignment	Time Allotted
5/11 Shayne	Class Introduction EMS Systems	Syllabus, Handbook Chapter 1	2 hours 2 hours
5/12 Shayne	Workforce Safety and Wellness Medical, Legal, and Ethical Issues	Chapter 2 Chapter 3	2 hours 2 hours
5/16 Heather	Lifting and Moving Patients	Chapter 35	4 hours
5/18 Heather	Communications and Documentation	Chapter 4	4 hours
5/19 Shayne	<b>Unit Exam #1</b> The Human Body	<b>Chapters 1 – 4 &amp; 35</b> Chapter 5	<b>1.5 hours</b> 2.5 hours
5/23 Heather	The Human Body Life Span Development	Chapter 5 Chapter 6	2.5 hours 1.5 hours
5/25 Shayne	Principles of Pharmacology Patient Assessment	Chapter 7 Chapter 8	3 hours 1 hour

5/26 Shayne	Patient Assessment	Chapter 8	4 hours
5/30	<b>MEMORIAL DAY – NO CLASS</b>		
6/1 Shayne	<b>Unit Exam #2</b> Airway Management	<b>Chapters 5 – 8</b> Chapter 9	<b>1.5 hours</b> 2.5 hours
6/2 Shayne	Airway Management King LT Airway	Chapter 9 Page 1477	3.5 hours 0.5 hours
6/6 Heather	Shock BLS Resuscitation	Chapter 10 Chapter 11	1.5 hours 2.5 hours
6/8 Heather	Medical Overview Respiratory Emergencies	Chapter 12 Chapter 13	1 hour 3 hours
6/9 Heather	<b>Unit Exam #3</b> Cardiovascular Emergencies	<b>Chapters 9 – 13, Pg. 1477</b> Chapter 14	<b>1.5 hours</b> 2.5 hours
6/13 Shayne	Neurologic Emergencies Gastrointestinal and Urologic Emergencies Endocrine and Hematologic Emergencies	Chapter 15 Chapter 16 Chapter 17	2 hours 1 hour 1 hour
6/15 Shayne	<b>Unit Exam #4</b> Immunologic Emergencies Toxicology	<b>Chapters 14 – 17</b> Chapter 18 Chapter 19	<b>1.5 hours</b> 1 hour 1.5 hours
<i>If all requirements met, students may be cleared for clinical after this class</i>			
6/16 Heather	Toxicology Psychiatric Emergencies Gynecologic Emergencies	Chapter 19 Chapter 20 Chapter 21	1.5 hours 1 hour 1.5 hours
6/20 Heather	<b>Unit #5 Exam</b> Trauma Overview	<b>Chapters 18 – 21</b> Chapter 22	<b>1.5 hours</b> 2.5 hours
6/22 Heather	Bleeding Soft – Tissue Injuries	Chapter 23 Chapter 24	2 hours 2 hours
6/23 Substitute	Face and Neck Injuries Head and Spine Injuries	Chapter 25 Chapter 26	2 hours 2 hours
6/27 Heather	<b>Unit #6 Exam</b> Chest Injuries Abdominal and Genitourinary Injuries	<b>Chapters 22 – 26</b> Chapter 27 Chapter 28	<b>1.5 hours</b> 1 hour 1.5 hours
6/29 Substitute	Orthopaedic Injuries	Chapter 29	4 hours
6/30 Heather	Environmental Injuries Lab of trauma skills to date	Chapter 30	2.5 hours 1.5 hours
7/4	<b>INDEPENDENCE DAY – NO CLASS</b>		

7/6 Shayne	<b>Unit #7 Exam</b> Obstetrics and Neonatal Care	<b>Chapter 27 – 30</b> Chapter 31	<b>1.5 hours</b> 2.5 hours
7/7 Heather	Pediatric Emergencies	Chapter 32	4 hours
7/9 Shayne	Geriatric Emergencies Patients with Special Challenges Lab of special patient populations to date	Chapter 33 Chapter 34	2 hours 1 hour 1 hour
	<b>Unit #8 Exam</b> Transport Operations	<b>Chapter 31 – 34</b> Chapter 36	<b>1.5 hours</b> 2.5 hours
7/11 Heather	Vehicle Extrication and Special Rescue Practical lab	Chapter 37	1 hour 3 hours
7/13 Shayne	Incident Management Terrorism Response and Disaster Management	Chapter 38 Chapter 39	2 hours 2 hours
7/14 Shayne	<b>Unit #9 Exam</b> NREMT Cognitive and Practical Exam Review	<b>Chapters 36 – 39</b> Bleeding Control Shock Management; Long Bone Immobilization, Joint Immobilization	<b>1.5 hours</b> 2.5 hours
7/18 Heather	NREMT Cognitive and Practical Exam Review	Patient Assessment Management – Trauma/Medical	4 hours
7/20 Shayne	NREMT Cognitive and Practical Exam Review	BVM Ventilation Apneic Patient; Oxygen Administration by Non- rebreather mask; Cardiac Arrest Management/AED	4 hours
7/21 Shayne	NREMT Cognitive and Practical Exam Review	Supine and Seated Spinal Immobilization	4 hours
7/25 Heather	Review for final exam/NREMT practical exam	All course material	2 hours
7/27 Shayne	<b>Final Exam</b> Review for NREMT practical exam	<b>All course material</b>	<b>1.5 hours</b> 2.5 hours
TBD	<b>NREMT Practical Exam</b>		

\* *Syllabus is subject to change. Students will be notified of any changes in advance of when the changes take place.*

*All reading assignments are from Emergency Care and Transportation of the Sick and Injured 10<sup>th</sup> edition unless otherwise noted*

DRAFT

**IOWA CENTRAL COMMUNITY COLLEGE  
EMS PROGRAMS**

**SYLLABUS ACCOUNTABILITY DECLARATION**

I have received a copy of the EMS – 200 (Emergency Medical Technician) syllabus at Iowa Central Community College.

I have had a chance to read it and ask questions to clarify any information I did not understand.

I take responsibility for knowing the information contained in the EMS – 200 (Emergency Medical Technician) syllabus and will seek clarification as needed during my time in the Emergency Medical Technician class.

Student Signature: \_\_\_\_\_

Student Printed Name: \_\_\_\_\_

Date \_\_\_\_/\_\_\_\_/\_\_\_\_

**Original to student file**

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