EMS 241 D01  
Fall 2014

Instructor: Danny Webster  
Phone: 410-572-8738  
Email: dwebster@worwic.edu  
Office: AHB 307  
Office Hours:  
M: 9:00 -11:00 a.m.  
W: 12:00 - 1:00 p.m.  
F: 9:00 – 11:00 a.m.  
Other Hours by Appointment

Syllabus
EMS 241 Trauma Emergencies II  
(2 Credits)

Texts


The Maryland medical protocols for emergency medical services providers. (2014). Maryland: MIEMSS.

Course Description
This course is designed to prepare students to manage traumatic emergencies most often seen by advanced EMS providers. Topics include head and facial trauma, musculoskeletal trauma and abdominal trauma. Hours: 13 lecture, 24 laboratory and 24 clinical. Prerequisite: EMS 240 with a grade of “C” or better or permission of the dean. Laboratory fee: $55. Insurance: $52. Usually offered in the fall.
### Course Objectives
Upon successful completion of the course the student will be able to:

<table>
<thead>
<tr>
<th>Course Objectives</th>
<th>Assessment Goals</th>
<th>Assessment Strategies</th>
</tr>
</thead>
</table>
| 1. Demonstrate the utilization of assessment findings to formulate a field impression and implement the treatment plan for the patient with soft tissue trauma. *GEO 1, 2, 3* | A. Identify different types of soft tissue injuries.  
B. Identify mechanism of injury associated with soft tissue injuries.  
C. Describe the pathophysiology of the body when given a specific soft tissue injury. | A. Test Questions  
B. Blackboard Quiz  
C. Discussion posting  
D. Laboratory activity-soft tissue management |
| 2. Demonstrate the utilization of assessment findings to formulate a field impression and implement the management plan for the trauma patient with a suspected head injury. *GEO 1, 2, 3* | A. Define the following terms: subdural hemorrhage, epidural hemorrhage, subarachnoid hemorrhage, Cushing’s triad.  
B. Identify assessment findings resulting from head trauma.  
C. Discuss pathophysiological changes due closed head trauma. | A. Test questions  
B. Blackboard quiz  
C. Scenario practice. |
| 3. Demonstrate the utilization of assessment findings to formulate a field impression and implement a treatment plan for a patient with suspected spinal injury. *GEO 1, 2, 3* | A. Identify various mechanisms of injury which may result in a spinal injury.  
B. Describe pathophysiological effects of a spinal injury.  
C. Demonstrate the management of a patient with suspected spinal injury.  
D. Explore the role of empathy with the spinal injured patient. | A. Test questions  
B. Online quiz  
C. Discussion posting  
D. Laboratory scenarios  
E. Spinal Immobilization skills assessments |
| 4. Demonstrate the utilization of assessment findings to formulate a field impression and implement a treatment plan for a patient with suspected abdominal trauma. *GEO 1, 2, 3* | A. Identify mechanism associated with abdominal trauma  
B. Integrate the principles of pathophysiology with an abdominal injury  
C. Formulate a treatment plan for a patient with a spinal injury. | A. Test questions  
B. Online quiz  
C. Discussion Postings  
D. Laboratory Scenario  
E. Shock Management Assessment |
| 5. Demonstrate the utilization of the assessment findings to formulate a field impression and implement a treatment plan for a patient with suspected musculoskeletal injury. *GEO 1, 2, 3* | A. Identify various mechanisms of injury which result in musculoskeletal injuries.  
B. Explore the role of empathy for the patient with a musculoskeletal injury  
C. Demonstrate treatments for the patient with a musculoskeletal injury. | A. Test Questions  
B. Online Quiz  
C. Discussion Posting  
Laboratory scenario |
| 6. Demonstrate the integration of pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the trauma patient. *GEO 1, 2, 3* | A. Given any trauma scenario, formulate the treatment plan for the trauma victim and identify the pathophysiology of the traumatic incident. | A. Test questions  
B. Laboratory scenario  
C. Rapid Trauma Assessment/Trauma Assessment Skills check  
Electronic Research Assignment |

*Specific learning outcomes from this course as defined by the USDOT/National Highway Traffic Safety Administration’s National Standard curriculum Paramedic can be viewed online at*
Course Structure
The lecture portion of this course is delivered via Blackboard. Students will need certain technological knowledge, equipment, and software as listed below. If the student does not have the equipment/software available, they may use the college’s Computer Lab (MTC 200) or the Media Center in any of the academic buildings.

Students need:
1. Basic knowledge of the Internet and computers
2. A personal computer: A Pentium-based processor and Windows 98 or greater with a printer and a modem.
3. Internet access through an Internet Service Provider
4. Microsoft Internet Explorer 4.0 or greater.

Blackboard is being used as a supplementary site in this course. To access course content in Blackboard you need to have access to a computer with an Internet connection, (other requirements may apply). Computers that meet these requirements are available on campus in MTC 200, AAB 217, HH 100, GH 204, WDC 305, and AHB 108.

Please follow these directions to access course syllabi and any other materials posted for this course:

Login Information:
1. From Wor-Wic home page, point to "Quick Links" (top-right) and click the "Blackboard Login" link.
2. Enter your Wor-Wic user ID and password (same as your Wor-Wic email user ID and password).
3. If you don’t know your user ID or password, contact Student Services

Course Requirements
For successful completion of the course, students are expected to:

1. Complete all course assignments with a minimum grade average of 75%;
2. Complete the clinical and laboratory portions with a grade of 75% or better;
3. Complete all required examinations;
4. Students must complete all online quizzes;
5. Demonstrate proficiency in all required skills stations for the course;
6. Complete an electronic research assignment;
7. Complete all homework assignments;
8. Abide by the attendance policy of the course; and
9. Abide by the testing policy.

Attendance/Participation
(GEO 8)
Students are expected to attend six lab sessions; therefore attendance records will be maintained. A point system will be maintained related to attendance relative to expected classroom participation in discussions, forums and/or activities. The points per class session equal five (5). The twelve (12) online lecture and lab sessions will total sixty (60) points. Any absence will
result in zero (0) points for that date. The student must complete, by the due date, the weekly online activities to earn the lecture participation points. Submission of late assignments online, late arrivals or early departures to lab will result in a one and a half (1.5) point reduction of points per occurrence. Students will be responsible for all information covered during their absence. The total attendance/participation points will be included in course grading, designated as the Interpersonal Domain.

Students are expected to act and perform in a professional manner while in class, lab, and clinical. Repeated episodes of in-class disruption will be considered a valid reason for dismissal from the class session. Pagers (including fire department pagers) and cell phones must be placed in silent mode during lecture and lab sessions. **Talking on cell phones or send text messages during class (lecture or lab) is prohibited.**

**Communication with Your Instructor**
Students are encouraged to contact the instructor if they have any questions about the course, assignments or examinations. Students are encouraged to contact the instructor utilizing their college email account or through the Blackboard course email. Emails sent from other personal email accounts may not be delivered to the instructor, thus their use is not recommended. Unless an emergency arises, I will respond to your email within 2 business days. You may also call the instructor’s office (410) 572-8738 and leave a message.

**Technical Help and Distance Education Information**
For technical help and distance education information, please refer to Wor-Wic Community College Credit Distance Education webpage at: http://www.worwic.edu/Academics/DistanceEducation/CreditDistanceEducation.aspx

**Grading Policy**
For successful course completion, students must successfully pass all skills evaluations in the laboratory portion of the course (see laboratory policy). Upon completion of all skills evaluations, the student’s final course grade will be determined on a weighted basis as specified below:

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Exams</td>
<td>40%</td>
</tr>
<tr>
<td>FISDAP Trauma Module</td>
<td>5%</td>
</tr>
<tr>
<td>Electronic Research Assignment</td>
<td>10%</td>
</tr>
<tr>
<td>Online Quizzes</td>
<td>15%</td>
</tr>
<tr>
<td>Comprehensive Final Exam</td>
<td>25%</td>
</tr>
<tr>
<td>Interpersonal Domain</td>
<td>5%</td>
</tr>
</tbody>
</table>

Letter grades are computed as follows:
- A = 90-100
- B = 80-89
- C = 75-79
- D = 60-69
- F = below 60
**Testing Policy**
There will be three (3) lecture exams and one (1) comprehensive final exam. Exams will be in the form of true/false, multiple choice, fill in, and/or essay. During exams, students are not permitted to utilize any electronic device, i.e. calculators, PDA’s, cell phones, including smart phones, pagers, etc. If the student is observed utilizing any such device during an examination, he or she will have the exam collected and will be dismissed from the examination site. **No Exceptions.** If warranted the student may be referred to the Student Faculty Disciplinary Committee.

The FISDAP trauma module examination will be available the last week of classes. This exam will be conducted online at [www.fisdap.net](http://www.fisdap.net). The exam score is worth 5% of the final course grade.

**H1N1/Pandemic Flu Statement:**
In the event of a flu epidemic or other emergency that results in the suspension of classes, faculty will be communicating with students about their courses and course requirements, such as assignments, quiz and exam dates, and class and grading policies, via faculty websites or Blackboard. **Students will be responsible** for completing all these assignments in accordance with class policies. Information about the resumption of classes will be communicated via the College's website and email system.

**Examination Make-up Policy**
**(GEO 8)**
Students who miss a scheduled exam may take a comprehensive make-up for that exam with a written excuse. Make up examinations will be administered in the testing center during the set time frame agreed upon by the instructor and student. If a student fails to complete the exam during that time period, the student will receive a grade of ‘0’ for the exam. **No Exceptions.** The above testing policy shall be followed for all make-up examinations.

**Electronic Research/Writing Assignment – 10% of Course Grade**
**(CO: 6; GEO: 1, 2, 3, 7)**
Each student is required to complete a written research assignment. The student will be required to access the Media Center’s electronic database to complete the assignment. For this assignment, students shall explore the outcomes of a specific traumatic event on the human body. The student shall select a traumatic injury and explore the mechanism of injury involved, pathophysiology of the injury on the body, prognosis of the injury and present a treatment plan for a patient whose injuries occurred as a result of the selected traumatic injury.

All papers must be the student’s own work (see Academic Honesty/Plagiarism) and the topic must meet the approval of the instructor. The following requirements must be followed for successful completion of the assignment:

1. The topic of the assignment must have met the approval of the instructor prior to submission/due date.
2. Utilizing the College’s electronic databases/learning resources, the student must utilize a minimum of 3 peer reviewed electronic sources.
3. The assignment must be typed (word processed), double-spaced, 12 font (Times New Roman, preferred) with 1 inch margins.
4. The assignment must be 3 – 5 pages in length, not including the title and works cited page.
5. A title page and works cited page must be included with the assignment.
6. The assignment must be in APA format. For information on citing sources and use of APA format please visit the writing resource lab on campus (AAB 225) or go to: http://www.worwic.edu/OpenDocument.aspx?Document=LibraryResources/APA%20Style.pdf
7. All papers are due on the Sunday, Nov. 30, 2014 by 11:59 p.m. The assignment must be submitted electronically through Blackboard and must be in pdf, doc, docx or rtf format. Papers turned in late will receive a 5 point penalty for each day after the due date. No assignments will be accepted 1 week after the due date.
CLINICAL DISCIPLINARY POLICY
(GEO 8)

Clinical Conference
The clinical conference is used to inform the student of a behavior or action that needs to be changed and to identify suggestions for change that will help to avoid recurrence of those behaviors/actions. This will take place as soon as possible following the occurrence.

Clinical Notice
The clinical notice is used to inform the student of unsatisfactory or unacceptable behavior/action that does NOT directly impact patient care during the clinical/field experience and identify changes the student has to make to correct the behavior/action.

The student will receive the clinical notice as soon as possible following the behavior/action.

Clinical Reprimand
The clinical reprimand is used to notify the student of his/her unsafe behavior/action that directly impacts patient care or contact. The issue of the clinical reprimand requires a thorough investigation of the incident to determine if the unsafe behavior/action of the student placed the patient in a position of physical or emotional jeopardy.

Physical Jeopardy:
Physical jeopardy is defined as any action or inaction that directly threatens the physical safety or well-being of another person. Examples of physical jeopardy include, but are not limited to, failure to follow safety precautions, medication errors, breaks in aseptic technique, poor judgment in the use of patient restraint, and leaving a patient unattended.

Emotional Jeopardy:
Emotional jeopardy is defined as any action or inaction which directly threatens the emotional well-being of another person. Examples of emotional jeopardy include, but are not limited to, failure to address patients by name, use of nicknames or endearments without the patient's permission, breach of confidentiality (with or without the patient's knowledge), failure to respond to an expressed patient need, and the use of abusive, ridiculing, or inappropriate language.

Receiving multiple clinical reprimands can result in receiving a failing grade for the course. The student will receive the clinical reprimand as soon as possible following the behavior/action.
**Point Deductions from Final Course Grade**
The following list contains possible behavior/actions and the resulting point deduction from the final course grade for such behavior/actions.

<table>
<thead>
<tr>
<th>Behavior/Actions</th>
<th>Point Deduction from Final Course Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Second and repeat episodes of tardiness:</td>
<td>2 point deduction</td>
</tr>
<tr>
<td>Dress code violation:</td>
<td>2 point deduction</td>
</tr>
<tr>
<td>Missing clinical assignment:</td>
<td>2 point deduction</td>
</tr>
<tr>
<td>Receipt of clinical notice:</td>
<td>5 point deduction</td>
</tr>
<tr>
<td>Receipt of clinical reprimand:</td>
<td>15 point deduction</td>
</tr>
<tr>
<td>Receipt of clinical reprimand for physical or emotional jeopardy:</td>
<td>25 point deduction</td>
</tr>
<tr>
<td>Appropriate removal from clinical site by the clinical instructor:</td>
<td>25 point deduction</td>
</tr>
<tr>
<td>Proved unethical or unprofessional conduct that is considered to be in serious violation of the program, college, hospital or field experience site policies, rules and regulations.</td>
<td>25 point deduction</td>
</tr>
<tr>
<td>Evidence of emotional instability, drug or alcohol use that could impact a patient’s welfare</td>
<td>25 point deduction</td>
</tr>
<tr>
<td>Other actions not defined here.</td>
<td>To be determined by the instructor.</td>
</tr>
</tbody>
</table>
Academic Integrity
(GEO 8)
Academic integrity is expected of all students. Cheating and plagiarism are violations of academic integrity. Any student who has violated the academic honesty policy will be denied credit for the assignment, and then the matter will be turned over to the Student-Faculty Disciplinary Committee. Documented evidence of the offense will be kept in the Emergency Medical Services Department office.

Plagiarism
Plagiarism is defined as copying or imitating the language, ideas or thoughts of another author and presenting them as one’s original work or the copying of another’s words in any medium without documenting the borrowing and thus failing to give credit to the original author in proper format (such as MLA or APA documentation format). Each instructor will be available for consultation regarding any confusion a student may have before submitting an assignment. Students are encouraged to use all available resources, including the instructor, assignment directions, handouts, suggested web resources and media center and/or writing center staff for help in avoiding plagiarism.

Cheating
Cheating is defined as the act of obtaining information or data improperly or by dishonest or deceitful means. This includes the intentional use or attempted use of unauthorized materials, information or study aids in any academic exercise. This ALSO includes helping or attempting to help another student to cheat or submitting the same paper for two different classes without the explicit authorization/approval of both instructors, etc. (see college catalog). Each instructor will be available for consultation regarding any confusion a student may have before submitting an assignment.

All students logging into Blackboard affirm that they understand and agree to follow Wor-Wic Community College policies regarding academic integrity and the use of College resources as described in the college catalog. Wor-Wic Community College considers the following as violations of the computer usage policy:

- Using the campus computing network and facilities to violate the privacy of other individuals.
- Sharing of account passwords with friends, family members or any unauthorized individuals

Violators are subject to college disciplinary procedures.

A course schedule will be made available via blackboard and on the first day of classes