



**Course Syllabus
EMM 277, 279, 281
SEMESTER**

School of Business, Hospitality Management, and Public Safety

Program Name: Emergency Services Technology

Course Name: Paramedic I, Paramedic II, Paramedic III

Course Number: EMM 277, EMM 279, EMM 281

Credits: 8, 8, 8

Contact Hours: EMM 277 - 5 Lecture, 6 Lab, 5 Clinical
EMM 279 - 5 Lecture, 6 Lab, 5 Clinical
EMM 281 – 3 Lecture, 9 Lab, 16 Clinical

Instructor's Name:

Office Hours & Location:

Campus Phone:

Campus E-mail: * Please use your Owens email to contact me.

Additional Contact Information: N/A

Catalog Description EMM 277:

Encompasses EMS operations, communications, documentation, medical/legal ethics, roles and responsibilities, basic and advanced airway management, intravenous therapy and the emergency assessment and management of the traumatically injured patient. Included skills are, but not limited to needle decompression, intubation, establishment of a surgical airway and stabilization of bleeding/hemorrhage and fractures. Due to hour requirements, students must attend class on all College observed holidays during enrolled semester. Student must obtain a BCI or FBI criminal records check by the third class. If any convictions are discovered that conflict with ORC 4765 the student may be denied admission into the course. The type of criminal records check will be determined by the State of residence and length of time of residency in the State.

Prerequisites/Co-Requisites:

- BIO 211 or EMM 274
- Current State of Ohio EMT Certification
- AHA Healthcare Provider CPR
- Current Driver's License
- Background Checks: Students must obtain and pass a background check.
- Chair Approval

Catalog Description EMM 279:

Encompasses the emergency assessment and management of the cardiovascular, respiratory, altered mental status, endocrine, behavioral, anaphylactic obstetric, neonate and pediatric medical emergency patients. Includes the skills necessary to perform these tasks-endotracheal oral and nasal intubation, intravenous cannulation, cardiac rhythm interpretation and treatment, medication calculation and administration, patient restraint and delivery and resuscitation of newborn patient. These skills are practiced in the laboratory setting under close supervision and then in the clinical settings of emergency departments, surgical suites, life squads throughout the NW Ohio region, coronary intensive care units, obstetrical units, psychiatric units and the cardiac catheterization laboratory. Due to hour requirements, students must attend class on all College observed holidays during enrolled semester. Student must obtain a BCI or FBI criminal records check by the third class. If any convictions are discovered that conflict with ORC 4765 the student may be denied admission into the course. The type of criminal records check will be determined by the State of residence and length of time of residency in the State.

Prerequisites/Co-Requisites:

- EMM 277 with a "C" or better
- Ohio EMT certification
- AHA Healthcare Provider CPR
- Current Driver's
- Chair Approval

Catalog Description EMM 281:

Encompasses the emergency assessment and management of the environmentally injured, geriatric, pediatric, abused, chronic care, challenged, toxicological, renal and gastroenterological medical emergency patients. Includes the skills necessary to perform these asks-endotracheal oral intubation, intravenous cannulation, medication calculation and administration, advanced patient assessment, Advanced Cardiac Life Support, Basic Trauma Life Support and pediatric Advanced Life Support. These skills are practiced in the laboratory setting under close supervision, and then in the clinical settings of emergency departments, life squads throughout the NW Ohio region and a pediatric emergency department. Upon the successful completion of this course, the student will have the opportunity to sit for the paramedic-level written and practical examinations of the National Registry of Emergency Medical Technicians. Due to hour requirements, students must attend class on all College observed holidays during enrolled semester. Student must obtain a BCI or FBI criminal records check by the third class. If any convictions are discovered that conflict with ORC 4765 the student may be denied admission into the course. The type of criminal records check will be determined by the State of residence and length of time of residency in the State.

Prerequisites/Co-Requisites:

- EMM 279 with a “C” or better
- Ohio EMT certification
- AHA Healthcare Provider CPR
- Current Driver’s
- Chair Approval

Current Textbooks, Materials, Equipment (software/hardware requirements):

- Paramedic Care: Principles & Practice, Vols. 1-2, 6th Edition (at minimum eBook)
- MyLab BRADY - Mandatory
- Arrhythmia Recognition- The Art of Interpretation Garcia & Garcia - recommended
- PPE app for protocol of study
- Limmer Education pay material - recommended
- YouTube channels suggested
 - Crash Course good A&P review
 - Pharmacology BrittanyEllert
 - Cardiology Alia Medical Media
 - MedCram
 - Med Immersion
 - Speed Pharmacology
 - Limmer Education
 - ICU Advantage
- **OER and Owens Community College Library Resources** (*Open Educational Resources are free online materials for instructor and student use. Some OER material may be available in print in the Owens Community College Library.*)

Course Objective:

“To prepare Paramedics who are competent in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains to enter the profession.”

Student Learning Outcomes:

This course will:

- Prepare students to recognize and treat the signs and symptoms for medical emergencies
- Prepare students to recognize potential hazards to personal and public safety
- Prepare student to describe the pre-hospital care protocol as it relates the role of the Paramedic

Technology, Lab, and File Requirements:

Students will need to have a laptop for every class along with internet access when outside of the classroom.

Academic Support

Disability Services Resource Center: If you have a disability or acquire one, you may be entitled to receive reasonable accommodations intended to assure you an equal opportunity to participate in and benefit from the program. To receive more information or to register for accommodations, please contact the Disability Resource Center at 567-661-7007, email disability@owens.edu, visit <https://www.owens.edu/disability/>, or stop by College Hall 124.

Tutoring Services: Owens Community College offers academic tutoring and assistance in a variety of subjects including: accounting, computing, economics, mathematics, science, and writing. For more information go to: <https://www.owens.edu/successcenters/>.

Counseling Services: Counseling Services provides assistance to students experiencing personal, educational, interpersonal/relationship, family, social, or psychological difficulties. If you feel you may benefit from this service, please contact them at counselingservices@owens.edu. More information is at <https://www.owens.edu/counseling/>.

Campus and Community Connections: The Center for Campus and Community Connections (College Hall 123) is a walk-in office created to provide retention support through resource stability initiatives and community connections. Go here for more information: <https://www.owens.edu/connection/> or contact connections@owens.edu

Owens Library: The Owens Library offers two locations (Toledo and Findlay) as well as online resources. For more information visit <https://www.owens.edu/library/>.

Students can find more information on campus resources, student support, student life, and security at this [link](#).

General Information

Student Code of Conduct: All students are expected to follow Owens Community College's Student Code of Conduct, which includes academic honesty, encompassing plagiarism. See the Board Policy for more information.

Anti-Discrimination and Harassment & Title IX/Sexual Misconduct: All students, faculty, and staff are expected to [Anti-Discrimination and Harassment Policy](#) follow Owens Community College's and the College's [Title IX Policy](#)/Sexual Misconduct Procedures and Guidelines. The College strictly prohibits and will not tolerate harassment, discrimination, intimidation, or hostile/offensive working or learning environments.

Religious Accommodations: A student seeking an accommodation for an absence permitted under Ohio's Testing Your Faith Act must provide the instructor with a written email notice with the specific dates for an absence, and must do so not later than fourteen (14) days after the first day of instruction. Alternative accommodations are not retroactive, and no academic penalty will be imposed for an absence under the policy*. The request for an alternative accommodation will be kept confidential. Students with questions about a religious accommodation under Ohio's

Testing your Faith Act may contact the College's Office of Academic Affairs: provost@owens.edu
The policy may be found on the Owens website: [3358:11-2-63 Accommodation for a Student Absence for the Observance of Religious Beliefs and Practices Policy](#)

Document Collection: Throughout the semester, your instructors may ask for a variety of assignments including tests and/or quizzes for student learning of institutional general education competencies or program assessment. Please save all your class materials until the end of the semester.

Classroom Admittance: OCC classes shall only be attended by the officially registered OCC students or perspective students, instructor of record, guest lecturer, or substitute. Visitors are not permitted to be in the classroom and should not be invited to attend or participate in the class. See [FERPA](#) regulations for more information.

Use of AI Tools: In this course, students are encouraged to explore and utilize generative AI tools, such as chatbots, text generators, paraphrasers, etc., as part of their learning and coursework. Proper attribution and transparency about your usage of an AI tool are expected. Here are some examples of ethical and responsible generative AI use.

- Use AI tools only for tasks that are appropriate for your level of learning and understanding. Do not use AI tools to replace your own thinking or analysis, or to avoid engaging with the course content.
- Cite any AI tools you use properly, following the citation style specified by the instructor.
APA Example:
 - OpenAI. (2024). *ChatGPT* (Mar 14 version) [Large language model]. <https://chat.openai.com/chat>
- Provide evidence of how you used the AI tool and how it contributed to your assignment. Explain what you learned from the AI tool, how you verified its accuracy and reliability, how you integrated its output with your own work, and how you acknowledged its limitations and biases.
- Take full responsibility for any mistakes or errors made by the AI tool. Do not rely on the AI tool to produce flawless or correct results. Always check and edit the output before submitting your work. If you discover any inaccuracies or inconsistencies in the output after submission, notify the instructor immediately and correct them as soon as possible.
- If you are working on a group assignment, discuss the use of AI tools with your group members and agree on how you plan to use them and how you will be transparent with the instructor regarding their use.

If you have any questions about what constitutes ethical and responsible use of AI tools, please consult with the instructor before submitting your work.

Grading Procedure:

<u>Domain</u>	<u>Section Total</u>
Skills competencies	Pass / Fail 15%
Assignments (Medication book, ECG book, Homework, MyBrady lab, in class assignments, reading) Quizzes	15%
Affective	5 %
Clinical Evaluation	25%
Module Exams 277-02, 279-02 platinum module exams 281-02 Platinum mock comprehensive exams Certification classes exams ACLS , PALS , ITL	20%
Final Exam	20%
Total	100%

This course includes a clinical component as well as a lab component. A satisfactory clinical evaluation, as well as a passing grade for lab, must be achieved in order to receive the letter grade earned in the classroom component. If the clinical evaluation is unsatisfactory, or the lab component not passed, the course grade will be “F”. The Medical Director has the right to remove any student from Clinicals based on performance or affective issues. If this happens, student will not be able to complete the course or be eligible to sit for NREMT testing.

*The policy may be found on the Owens website: [3358:11-2-63 Accommodation](#) for a Student Absence for the Observance of Religious Beliefs and Practices Policy

Specific Course Rules:**Grading Scale:**

Students must receive a minimum of 77% in order to pass the course. There will be no rounding up of grades. Basis for determination of the final letter grade in EMM 277 will be as follows:

Letter Grade		Percentage
A	Superior	92-100%
B	Good	85-91%
C	Passing	77-84%
D	Poor	60-76%
F	Fail	59% and below

Students can view their official grade on their Ozone account after 4PM of the Tuesday following the last day of the term.

Specific Course Rules: Module and Platinum Planner Exams

Dates of module tests are listed on the Assignment Calendar. Module exams may be administered either in class, on-line through Platinum Testing, or combination of both. The instructor will inform you of the format. When the online format is utilized, students will have 48 hours to access the quiz/exam and one (1) minute per question to complete the quiz/exam. If you encounter a problem while taking the exam, you must contact your instructor promptly. The student is advised to attend class regularly and keep reading assignments and studies up to date to fully benefit from these quizzes. The module exams will be worth 25% each of the final grade. There will be no retests.

Prior approval must be made by the instructor for all make-ups. The instructor reserves the right to administer quizzes based on the needs of students in respective classes.

Students must maintain a 77% average to be eligible for the module exams. Each module exam must be passed with a minimum of 77%. There will be NO retests. If a student falls under the required 77%, the student shall receive an early alert, and will remain getting them so long as the student is still below the minimum of a 77% on the module exams. Exams will be reviewed in class after all students have completed them. End of the semester comprehensive exams must be passed with a minimum of a 77% to move on to the next semester.

Specific Course Rules: Class Participation

This course requires various levels of participation that involves verbal discussion and hands-on skills practice. You will be asked questions frequently and will be both touching other students and being touched as part of skill practice and assessment. This is not graded, but you could be asked to attend a tutoring session to gain more information on a subject area. Tutoring is available to assist you and to help you succeed. Just ask and it will be provided for you.

Specific Course Rules: Student Handbook

The course will adhere to the rules and procedures of the Department as stipulated in the Emergency Services Technology Program Student Handbook and Policy Manual.

Important information regarding withdrawal and refund dates can be found at: [Fall Add/ Drop Dates](#)

Specific Course Rules: Electronic Communication Devices

All cellular phones must be **TURNED OFF AND STORED OUT OF SIGHT** during lecture, lab, and while participating in a clinical site. In the event a student may be expecting an emergency call, prior notice must be given to the instructor and allowances may be made.

The use of personal lap top computers shall be permitted during class lecture. The use of these devices shall be limited to note taking and other class work. At no time will internet connection be made during class time unless directed by the instructor and related to class material. (i.e. no social networking).

In case of emergency, the student should direct her family or childcare providers to contact the Department of Public Safety at 567.661.7575.

All email correspondence with any of the course instructors must be through the Owens OZONE accounts.

Specific Course Rules: Attendance

Attendance will be taken at the beginning of each class and after breaks. Since this is a skill intensive course, attendance is mandatory. It is essential that the student be prepared and attends, arriving in a timely manner. Anticipated absences and lateness are to be communicated with the instructor through email, or phone call.

If a student accumulates 6 clock hours of absences from class during a semester, he/she will be counseled regarding the reason(s) for the absences, and a plan will be developed to ensure future class attendance, including early alert. Additional absences will result in a review of the student's enrollment status and may result in failure of the course. Absences are NOT differentiated as excused and unexcused.

Due to the intense hour requirement for successful completion mandated by the State of Ohio, after twelve (12) hours of missed class, the student may fail the course.

However, there could be an extenuating circumstance within the program's duration, which a student may have to miss classes for illnesses or bereavement purposes. Extenuating circumstances would be considered on a case-by-case basis. One example could be the loss of the parent, sister, brother, partner, a child or immediate family. Another extenuating circumstance would be an illness that a Medical Doctor has deemed to be contagious and considered a threat to other student's or the instructor's health. In order to be considered to stay within the class – the instructor(s) must know when the circumstance arrives by email – no exceptions. Additionally, the student must have proof of the event, no exceptions.

If a student misses a class – they are responsible to see their instructor and meet with the program director to ensure that the class hours and objectives are made up within a timely manner. In accordance with department policy, all missed hours (holidays, illness, etc.) will be made up. The class will be held on college holidays. Please plan accordingly.

Due to the nature of Clinical sites, if a student misses their clinical time, the student may not be allowed to make those hours up. Since many schools compete for clinical site time and each school is only allotted so many hours, this will be based on the availability of time at the clinical sites. Students must call the Clinical Coordinator if they need to miss a clinical along with contacting clinical site. *Two no call no shows combined for class/clinical could lead to dismissal from the program.*

Changes to the clinical schedule will not be allowed. Scheduling clinical time is on a first come first serve basis and changes that are made to the schedule have adverse effects to the entire process. Therefore, all students must evaluate their schedule prior to committing to a clinical time request. Once the time slot is approved the student is responsible for attending that time slot.

Specific Course Rules: Clinical Requirements

All students will be required to complete the minimum hours of clinical time through the course. There is a minimum due at the end of each semester. Please see the detail listed below for specific minimum hour requirements. All clinical time will be scheduled through the use of the online scheduler Platinum Planner. Students will be assigned an account number provided by the school to be able to set up an account in Platinum Planner for the purpose of scheduling their clinical time. Student will sign into their clinical time through Platinum Planner at the scheduled arrival time and sign out when complete at the clinical site. Any additional time without documentation of proof may constitute falsification and can result in removal from the program. Students MUST have clinical time scheduled by, complete paperwork by, and turn in all paperwork by the dates provided (48 hours).

Students will not be allowed to do field clinical time at their place of employment or with relatives unless permission is obtained from the program director.

In order to begin the clinical rotation portion of the program the student must have maintained and continue to maintain throughout clinicals an average grade point of 77%, have documentation of the required immunizations, and show proof of your CPR and EMT card. You must have also passed all required skills.

Clinical requirements are graded pass/fail as indicated in the grading scale. If a student fails clinical requirements, the highest course grade they can achieve is a “D”.

Prior to scheduling clinical time, students must pass a N95 mask fit test within the past 12 months. Students are not permitted to have facial hair as it impedes with a mask seal. Students are permitted to have a mustache and a goatee type beard as long as a mask to skin seal can be achieved and student is able to pass a fit test. Students shall submit copy of fit test results to assure compliance.

Specific Course Rules: Teaching/Learning

Lectures will normally involve a review by the instructor/students of required readings, use of overheads, blackboards, audiovisual aids, independent learning/self-directed study, discussion, and multimedia technology and use of simulation and some flipped class education as applicable.

Labs will normally include Simulation HPS and Human, scenario presentations, practice and demonstration opportunities, with a chance for students to demonstrate competence and independent learning/self-directed study. There may be opportunity for cadaver labs and autopsy.

Contingency Plans:

Please note, that while unlikely, there is a possibility courses might need to change delivery method due to public health concerns. If this happens, the college will communicate any changes. Currently, masks are permitted but not required on campus; however, this requirement may change depending on circumstances. If changes are made, you will be informed via email and/or other communication methods.

Keep in mind that just because the College closes, that does not mean that EMM classes are closed. The only time that EMM classes are closed/suspended is if you receive an email from the Chair/Program Director or your lead instructor after they consult with the Chair/Program Director.

MISCELLANEOUS INFORMATION:

Resources:

The Writing Center is located in Founders Hall Room 1123. Please consult their Web page for hours as they vary based on the semester: <https://www.owens.edu/writing/>.

The library provides a variety of resources from digital to print. Owens participates in the Express Link program affording students additional resources across the state of Ohio. Please become familiar with the library and all it has to offer. Their hours may be found at the following Web page: <https://www.owens.edu/library/>.

Your Academic Advisor, NAME is located in the OFFICE. Please meet with your advisor before the start of each semester. Your advisor is here to assist you with scheduling classes and to guide you towards completion and graduation. To schedule appointments please call the Academic Advising Office at 567-661-7458 to schedule an appointment. You may also email NAME at EMAIL. Student Financial Services is also available by calling 567-661-7777 to schedule an appointment.

Reentry into program:

If a student drops the class for any reason, they must retake the entire course. For example, if a student drops in the middle of EMM 281 the student must start over in EMM 277. Each case will be reviewed by the Program Director and Medical Director to evaluate if an exception should be made.

Uniforms:

Mandatory for all class related gatherings. Reference student handbook and policy manual.

Holidays:

EMM program does not observe holidays. Classes will be held as scheduled unless otherwise determined by the instructor with input from students.

Weather Closures:

If the College closes for any reason, it is expected that EMM students log onto Blackboard Collaborate (or other specified online medium) and class will be held online. Student will have video and audio activated and participate in class.

Laboratory Skills Competencies:

All labs are mandatory, and you must successfully complete all skill competencies to pass the laboratory portion of this course. All students are required to input their lab skills after each lab using Platinum Planner. All skills entered require an instructor signature for credit to be given. If no signature is obtained, credit will not be given, and the student will be required to repeat the skill.

The final skill competencies are PASS / FAIL. Student will participate in a final test of skills at the end of each semester with their instructors. Student must pass this examination to move on to

upcoming semesters. There is a cumulative skill final and cumulative written final at the end of Paramedic III that the student must pass with a 77% or higher to move on to National Registry.

Clinical / Field Skill Competencies:

All skills, assessments and clinical hours MUST be accurately tracked on Platinum Planner for grade consideration. Platinum Planner lists minimum necessary requirements. Please note that a minimum is considered a 77%. Some of the areas include:

- Adult assessments;
- Geriatric assessments;
- Pediatric assessments;
- Within patient assessments, the following must be included:
 - Chest complaints;
 - Shortness of breath complaints;
 - Abdominal pain complaints;
 - Altered mental status complaints.
- Medication administrations, to include:
 - Intravenous medication administrations;
 - Subcutaneous injection.
 - Intramuscular injections;
 - Bronchodilator administrations.
- Intravenous accesses and maintenance;
- Intubations;
- Electrocardiogram interpretations;
- Advanced life support ambulance runs;
- Intraosseous initiations;
- Manual defibrillation.

Blackboard:

The course syllabus, lecture objectives and lecture handouts will be available on the course's campus *Blackboard* web site, accessible by students registered for the course through the Owens' website: www.owens.edu.

Each lecture has a file in the "Lecture" section containing the objectives and lecture handout that is titled the same as the lecture as found in the lecture schedule of this syllabus. The course syllabus can also be found in the "Syllabus / Info" section. Assignments can be found in the "Assignments" section of *Blackboard*.

It is the student's responsibility to access these course materials and print them as necessary to be prepared for class and homework assignments.

Platinum Planner:

Platinum Planner is our programs way of scheduling clinical time and documenting skills. Students will now take large section exams on Platinum Planner/EMS Testing. The questions have been evaluated by educators and medical professionals. A student **MUST PASS** with a minimum of a 77% on module exams to move forward in the class. To help prepare the students, Platinum Planner grants the students access to practice quizzes and review material. After each module

exam, Platinum Planner will provide the student a “learning plan” to help review areas the student was lacking. As a part of the student’s “Assignments” students will review material laid out in the Platinum Planner prescription, type a 3-4 sentence review of that topic and turn it in to the instructor via email. This is a controlled examination. Neither the student, instructors nor any staff members will be able to review questions with the student.

MyBradyLab:

The online module that Pearson and Brady have developed is called MyBradyLab. This online module will be used extensively through the course and will be key to the student’s success. You MUST purchase the online code and align your login with the current Owens Community College Paramedic class. Students will take pre and post chapter tests, can read the e-text online, take practice tests, and take chapter and unit exams. Further description of how MyBradyLab will be used will be discussed in class.

Affective Domain:

Multiple times during the semester, students will be evaluated on their Affective Domain. The Affective Domain categories identify professional behaviors described as desirable attributes of EMS professionals. The descriptions within each category represent the behaviors generally expected for the individual. The 11 categories and examples of each are as follows:

1. ***Integrity:*** Consistent honesty; being able to be trusted with the property of others; can be trusted with confidential information; complete and accurate documentation of patient care and learning activities.
2. ***Empathy:*** Showing compassion for others; responding appropriately to the emotional response of patients and family members; demonstrating respect for others; demonstrating a calm, compassionate, and helpful demeanor toward those in need; being supportive and reassuring to others.
3. ***Self-Motivation:*** Taking initiative to complete assignments; taking initiative to improve and/or correct behavior; taking on and following through on tasks without constant supervision; showing enthusiasm for learning and improvement; consistently striving for excellence in all aspects of patient care and professional activities; accepting constructive feedback in a positive manner; taking advantage of learning opportunities.
4. ***Appearance & Personal Hygiene:*** Clothing and uniform is appropriate, neat, clean and well maintained; good personal hygiene and grooming.
5. ***Self-Confidence:*** Demonstrating the ability to trust personal judgment; demonstrating an awareness of strengths and limitations; exercises good personal judgment.
6. ***Communications:*** Speaking clearly; writing legibly; listening actively; adjusting communication strategies to various situations
7. ***Time Management:*** Consistent punctuality; completing tasks and assignments on time.
8. ***Teamwork & Diplomacy:*** Placing the success of the team above self-interest; not undermining the team; helping and supporting other team members; showing respect for

all team members; remaining flexible and open to change; communicating with others to resolve problems.

9. **Respect:** Being polite to others; not using derogatory or demeaning terms; behaving in a manner that brings credit to the profession.
10. **Patient Advocacy:** Not allowing personal bias or feelings to interfere with patient care; placing the needs of patients above self-interest; protecting and respecting patient confidentiality and dignity.
11. **Careful Delivery of Service:** Mastering and refreshing skills; performing complete equipment checks; demonstrating careful and safe ambulance operations; following policies, procedures, and protocols; following orders.

Each category will receive a score of between 1 and 5. *A score of 3 is considered average and represents the expected acceptable level of conduct for that category. All students must achieve a minimum score of a 3 on all levels on their final evaluation to be eligible to take the NREMT tests. If a minimum score is not achieved, the student can not take the NREMT exam and would have to take the entire program over.*

Job Analysis:

Students who cannot meet the job analysis by midterm of semester one, may be dropped from the certification portion of the class. They will be permitted to remain in class for an Owens grade but will not be able to obtain their NREMT. Please see “Functional Job Analysis: Paramedic” for description in the student handbook.

Assignments:

Assignments are to enrich the student’s learning and to ensure that students are working to accomplish satisfactory work to complete the course successfully. Assignments can be homework assignments, note cards, flash cards, pharmacology cards, work books, e-work books, or other assignments to engage students to actively learn material. The weight of this section is 10%. Each assignment is weighted equal to every other assignment; there are no “weighted assignments.”

Professional Behavior:

Professional demeanor must be upheld in the classroom, labs, clinicals and in personal time. Disruptive behavior will not be tolerated in the lecture, lab or clinical environment. Disruptive behavior is described as but not limited to:

- Talking while lecture or lab instruction is in progress
- Side bar conversations during study time
- Any activity that disrupts the learning environment (eating, drumming, humming, whistling, singing, etc.)
- Cell phone use for calls, texting, or any other purpose
- Sleeping

A verbal request will be made to the offending individual to cease the disruptive behavior. Failure to comply with the request or repeated disruptions will result in dismissal from the lecture, lab, or

clinical site. This dismissal will then be counted as an absence for the day, and disciplinary action (noted in the EST student handbook) will follow for failing to maintain professional demeanor. Any infraction described as an infraction of “Moral Turpitude” by the State of Ohio could lead to immediate and permanent dismissal from the program.

Clinical Evaluation:

Students must receive a satisfactory clinical evaluation in order to pass the class, their grade will be the average percentage earned throughout their clinical time.

The following clinical hours must be fulfilled to pass the clinical portion of the class. Documentation is required for proof of hours completed. Students are required to fill out hand written or electronic patient care reports as well as entering clinical data into Platinum Planner. All clinical data must be entered into Platinum Planner within **48 HOURS** of the clinical rotation.

Any data not entered within the 48-hour time frame will not be accepted and the hours and skills will be forfeited. The written material must be turned in on a weekly basis to the instructor who will check the paperwork for completeness. The instructor will then either return the paperwork to the student to be corrected or if already complete, the instructor will turn the paperwork into the clinical coordinator to be placed in the student file. If the instructor returns paperwork to the student, the student will correct in accordance with instructors’ comments. Once corrected, the student will resubmit the paperwork. If the paperwork is not corrected as desired, the instructor will return it to the student. At this point, if the student does not correct it satisfactorily, the paperwork will be rejected and the hours and skills will be forfeited.

The hours listed below are **minimum hours**, it is expected the student will strive to gain as much experience as possible and exceed the minimum requirements. Skill totals must be met as well; just putting in your hours is not a satisfactory measurement of skills performed. Complete documentation for ALL clinical rotations and patient care reports must be turned in to the clinical coordinator to receive credit for time and skills.

The student must maintain and have a cumulative classroom grade average of 77% to participate in the clinical portion of the program. If the student falls below the 77% the student will not be able to attend any clinical or field sites. All clinical hours must be completed by the final class day of the semester. The student is required to attain a set amount of time as well as skill performance during each semester as outlined in the syllabus. Failure to achieve the minimum requirements may subject the student to removal from the program or prevent the student from progressing to the next semester.

Program Clinical Hours:

Hours may be manipulated to meet current State mandates or State health emergencies.

Paramedic Clinical Hours	Semester 1	Semester 2	Semester 3	Total
Emergency Room	102	52	0	154
Respiratory	8	0	0	8
Pediatric-Daycare	4	0	0	4
Dispatch	4	0	0	4
OR / Intubation	8	0	0	8
Field / Squad	36	120	100	256
Pediatric ER	8	8	0	16
Cath Lab	0	4	0	4
Labor / Delivery	0	8	0	8
Capstone	0	0	32	32
Total Per Semester	170	192	132	
Total for Program				494

Students must schedule and attend 2-8 hour shifts at either ProMedica Toledo or Mercy St. Vincent's Hospitals. Students MUST have all ER clinical time complete or have instructor permission prior to attending Life Squad clinical time semester one. Semester two and three, the student must schedule two 12-hour shifts on a Life Squad in an urban setting and two in a suburban setting.

Hours could change due to current mandates by State. If hours change, students will be notified and hours will be approved by Advisory Board, Medical Director and Program Director.

Capstone can begin after all clinical rotations have been completed, along with all pertinent classwork and lab skill completion. Capstone can only begin after instructor approval. All requirements must be completed by the last day of exam week to successfully complete the Cohort.

Capstone is "Activities occurring toward the end of the educational process to allow students to develop and practice high-level decision making by integrating and applying their Paramedic learning".

Team Lead: The student has successfully led the team if he or she has conducted a comprehensive assessment (not necessary performed the entire interview or physical exam, but rather been in charge-of the assessment), as well as formulated and implemented a treatment plan for the patient. This means that most (if not all) of the decisions have been made by the student, especially formulating a field impression, directing the treatment, determining patient acuity, disposition and packaging and moving the patient (if applicable). Minimal to no prompting was needed by the preceptor. No action was initiated/performed that endangered the physical or psychological safety of the patient, bystanders, first responders or crew."

SEMESTER ONE:

FINAL DAY TO SIGN UP FOR CLINICALS – DATE

FINAL DAY TO AT TEND CLINICALS – DATE

FINAL DAY TO SUBMIT CLINICAL PAPERWORK – DATE

SEMESTER TWO:

FINAL DAY TO SIGN UP FOR CLINICALS – DATE

FINAL DAY TO AT TEND CLINICALS – DATE

FINAL DAY TO SUBMIT CLINICAL PAPERWORK – DATE

SEMESTER THREE:

FINAL DAY TO SIGN UP FOR CLINICALS – DATE

FINAL DAY TO AT TEND CLINICALS – DATE

FINAL DAY TO SUBMIT CLINICAL PAPERWORK – DATE

Ambulance Operations:

Paramedic students will be driving ambulances on campus. If any student does not feel comfortable driving, they must let their instructor know immediately and training will be provided.

EMS Education:

It's been a proven educational tactic that one of the best ways to learn a skill is to soon after, teach the skill. Paramedic students will sign up and assist in a 2 EMT labs during the course of semesters 1 and 2. Paramedic students will assist EMTs in refining their skills and preparing for the National Registry Psychomotor Examination. Paramedic students will also sign up and assist at least one shift of the EMT NREMT Psychomotor Exam. Dates and times to follow.

Instructor Discrepancies:

If at any time throughout the semester you have a problem with the course and/or instructor, contact the instructor. If the issue cannot be resolved after discussion with the instructor, see the Program Director.

Assignment Calendar – Paramedic I

DATE, TIME Training

Orientation, Platinum Planner training and basic skills check offs. No patient clinical time is allowed to begin prior to having this completed.

WEEK	DAY	TOPIC
Week 1	DATE 6 hrs	Welcome V1Ch. 01: Introduction to Advanced Prehospital Emergency Medicine V1Ch. 02: EMS Systems V1Ch. 03: Roles and Responsibilities of the EMS Practitioner
	DATE 6 hrs	V1Ch. 07: Medical – Legal Aspects of Out-of-Hospital Care V1Ch. 08: Ethics in EMS Lab: Basic Skill Scenarios
Week 2	DATE 6 hrs	V1Ch. 22: Airway Management and Ventilation
	DATE 6 hrs	Lab: Airway Management 2 instructors
Week 3	DATE 6 hrs	V1 Ch 9 Communication V1Ch. 30: Documentation
	DATE 6 hrs	Lab: Airway Management 3 instructors Intubation/ retrograde/ surgical, needle/ nasal
Week 4	DATE 6 hrs	V1Ch. 18: Human Life Span Development V1Ch. 19: Pathophysiology
	DATE 6 hrs	V1Ch. 19: Pathophysiology (cont.)
Week 5	DATE 6 hrs	V1Ch. 20: Emergency Pharmacology
	DATE 6 hrs	V1Ch. 21: IV Access and Medication Administration Lab: IV's, Medications, Airway Management 3 instructors

Week 6	DATE 6 hrs	Lab: IV's, Medications, Airway Management Test-out (Dr. Kemple) 2 instructors
	DATE 6 hrs	V1Ch. 23: Scene Size Up V1Ch. 24: Primary Assessment V1Ch. 25: Therapeutic Communications V1Ch. 26: History Taking TAKE HOME PATHOPHYSIOLOGY MODULE EXAM
Week 7	DATE 6 hrs	PHARMACOLOGY MODULE EXAM V1Ch. 27: Secondary Assessment V1Ch. 28: Patient Monitoring Technology V1Ch. 29: Patient Assessment in the Field
	DATE 6 hrs	Lab: IV's, Medications, Airway Management, Patient Assessment Scenarios
Week 8	DATE 6 hrs	V2Ch. 32: Pulmonology
	DATE 6 hrs	V2Ch.33: Cardiology Part 1 Sinus Rhythms
Week 9	DATE 6 hrs	V2Ch. 33: Cardiology Part 1 Atrial rhythms, junctional rhythms
	DATE 6 hrs	Lab: IV's, Medications, Airway Management, Cardiac Scenarios – rhythms and interventions 2 instructors
Week 10	DATE 6 hrs	V2Ch. 33: Cardiology Ventricular rhythms, AV blocks
	DATE 6 hrs	V2Ch. 33: Cardiology Part 2 Quiz Cardiovascular Disease
Week 11	DATE 6 hrs	Lab: Electrical skills Cardiac Scenarios Algorhythms 2 instructors
	DATE 6 hrs	V2Ch. 33: Cardiology Quiz Cardiovascular Disease Cardiac protocols /meds /pre ACLS

Week 12	DATE 6 hrs	V2Ch. 33: Cardiology 12-lead ECG
	DATE 6 hrs	Rhythm review EXAM CV Exam PT 1 CV TEST PLATINUM Brady V 2 Ch 33 part 2 CV diseases Lab: Cardiac Scenarios
Week 13	DATE 6 hrs	Vol 2 Ch 46 Neonatology
	DATE 6 hrs	Ch 45 Obstetrics Gynecology OB manikin at St V ?
Week 14	DATE 6 hrs	Ch 45 Obstetrics Gynecology OB manikin at St V ?
	DATE 6 hrs	Vol 2 Ch 49 abuse neglect assault Vol 2 Ch 50 challenged pt LAB – scenarios 2 instructors
Week 15	DATE 6 hrs	Lab: Psychomotor Exam Static/dynamic cardiac Scenarios – 1 instructor
	DATE 6 hrs	Lab: Psychomotor Exam Required sim – 2 instructors <i>NOTE: All semester one clinical time must be completed, and paperwork submitted.</i>
Week 16	DATE 6 hrs	Semester One Comprehensive Cognitive Exam <i>(Must achieve a 77%)</i> Semester One Comprehensive Psychomotor Exam
	DATE 6 hrs	<i>Retest</i>

Disclaimer: “The instructor reserves the right to amend this syllabus as deemed necessary and will communicate such amendment to the students in the course.”

Total of 196 didactic/lab hours

Assignment Calendar – Paramedic II

WEEK	DAY	TOPIC
Week 1	DATE 9hrs	V2 Ch 47 Pediatrics Afternoon: peds skills – 2 instructors
	Thursday 06-05-25 9hrs	V2 Ch 48 Geriatrics V2 Ch 49 Abuse/Neglect/Assault V2 Ch 50 The Challenged Patient
Week 2	DATE 9hrs	V1Ch. 06: Public Health V1Ch. 04: EMS Safety and Wellness V1Ch. 05: EMS Research Afternoon – peds/geriatrics skills – 2 instructors VAD?
	DATE 9hrs	Ch 34 Neurology Ch 35 Endocrinology Afternoon- Skills/scenarios -Julie Whitmore?
Week 3	DATE 9hrs	Ch 36 Immunology Ch 39 Toxicology
	DATE 9hrs	Ch 40 Hematology Ch 41 Infectious Diseases and Sepsis Afternoon- skills/scenarios – 2 instructors
Week 4	DATE 9hrs	Ch 42 Psychiatric/Behavioral Ch 43 – EENT Ch 44 Nontraumatic Musculoskeletal Afternoon- skills/scenarios – 2 instructors
	DATE 9hrs	Ch 37 Gastroenterology Ch 38 Urology and Nephrology Afternoon – skills – 2 instructors
Week 5	DATE 9hrs	Required sims -geriatric sepsis -CVA – 2 instructors
	DATE 9hrs	Required sims -geriatric sepsis -CVA – 2 instructors
Week 6	DATE 9hrs	Medical emergencies exam C Ch 52 Trauma Systems Ch 53 MOI Ch 54 Hemorrhage and Shock
	DATE 9hrs	Ch 55 Soft Tissue Trauma Ch 56 Burns

		Ch 57 Head, Face, Neck, Spine Trauma
Week 7	DATE 9hrs	Ch 58 Chest Trauma Afternoon: Skills – 2 instructors
	DATE 9hrs	Ch 59 Abdominal & Pelvic Trauma Ch 60 Orthopedic Trauma Afternoon: skills

Week 8	DATE 9hrs	H 61 Environmental Trauma Ch 62 Special Considerations in Trauma Afternoon: skills – 2 instructors
Week 9	DATE 9hrs	Trauma module exam Trauma skills / assessment / review
	DATE 9hrs	Required simulations pediatric/geriatric trauma 2 instructors and 1 patient
Week 10	DATE 9hrs	Comprehensive Written Exam Required simulation -toxicology 2 instructors 1000-1630
	DATE 9hrs	Required simulations -peds respiratory -cardiac rhythm disturbance 2 instructors All clinical paperwork must be turned in.

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Total of 180 didactic/lab hours

Assignment calendar paramedic III

WEEK	DAY	TOPIC
Week 1	DATE 6hrs	OPERATIONS Mock Comprehensive exam I Platinum Mentor project 2 EMT LABS W 2 EMT TO MENTOR ACLS PRE VIEW / PRE-MATERIALS /CARDIAC REVIEW V1 CH 11 Air Medical
	DATE 6hrs	V1 CH 10 Ground Ambulance Operations LAB V1 CH 12 TERRORISM ACLS Rhythm Intro to ACLS Cardiac meds
Week 2	DATE 6hrs	V1 CH 13 MCI and Incident Management V1 CH 14 Rescue Awareness and Operation cardiac med review
	DATE 6hrs	V1 CH 15 Hazardous Materials 1000 cardiac simulations x 2-3 NEED INSTRUCTOR USE ALGORHYTHMNS
Week 3	DATE 6hrs	Platinum skill for capstone eligibility CARDIAC EXAM Platinum PRACTICE PALS PRE MATERIALS V1 CH 17 Rural EMS/ Operations V1CH 16 CRIME SCENE AWARENESS
	DATE 6hrs	ACLS Possibly 6-7 hrs. ACLS TEST OUT / module exam
Week 4	DATE 6hrs	REVIEW -Platinum PED /OB EXAMS / medication review Protocol review PEDS OB 1100-1400 PEDS/ADULT CARDIO/ RESPIRATORY SIMULATIONS ON SCENE POND? 2 STATIONS 2 INSTRUCTOR

	DATE 6hrs	PEDS PLATINUM EXAM PRACTICE 10-1400 PEDS OB SIMS INSTRUCTOR X 2
Week 5	DATE 6hrs	LAB FINAL SKILLS /NREMT PARA SKILLS 0830-1330 IOOH INSTRUCTOR PEDS OB SIM PEDS OB PROTOCOL REVIEW 2 INSTRUCTORS
	DATE 6hrs	PALS PALS Exam / Module Exam
Week 6	DATE 6hrs	ITLS materials out TRAUMA REVIEW EXAM PRACTICE 10-1400 TRAUMA ASSESSMENT STATION 2 STATIONS 1 INSTRUCTORS 2 ACTORS
	DATE 6hrs	Trauma SIMS ALL DAY w EMT ? 0800-1330 1 INSTRUCTORS 2 ACTORS
Week 7	DATE 6hrs	Mock NREMT Exam II 1000-1400 ORAL STATION Trauma 2-3 STATION DIFFERENT TRAUMA SCNARIOS BASED ON TRAUMA PROTOCOLS CONTENT 2 INSTRUCTORS
	DATE 6hrs	PLATINUM TRAUMA MODULE EXAM PRACTICE 1000-1400 LAB/NREMT PARA STATION SKILLS 1.TRAUMA ASSESSMENT STATION 1 INSTRUCTOR 1 ACTOR 2. IOOH TRAUMA SIMULATION CHRISTMAN/ 1 ACTOR
Week 8	DATE 6hrs	ITLS
	DATE 6hrs	ITLS

Week 9	DATE 6hrs	Mock NREMT Exam III UPDATE MENTOR PROJECT 1000-1400 NREMT SKILL STATIONS REVIEW Cardiac Stations 1. Dynamic 1 2. 12 lead review station
	DATE 6hrs	Protocol review cardiac Platinum cardiac test 1000-1400 NREMT SKILL STATIONS REVIEW HOUSE /SPEEDWAY IOOH CARDIAC 2 STATIONS 2 INSTRUCTORS 2 ACTORS
Week 10	DATE 6hrs	Protocol review trauma PLATINUM TRAUMA MODULE TEST 1000-1400 NREMT SKILL STATIONS REVIEW IOOH 2 STATIONS 2 INSTRUCTORS 2 ACTORS IOOH TRAUMA GROUP 1 INSTRUCTOR IOOH MEDICAL GROUP 2 INSTRUCTOR
	DATE 6hrs	Protocol review PEDS /OB /Neonate PLATINUM MODULE EXAM 1000-1400 NREMT SKILL STATIONS REVIEW 2 Oral Station INSTRUCTORS 1.PEDS 2.OB/GYN 3.NEONATE
Week 11	DATE 6hrs	1000-1400 NREMT SKILL STATIONS REVIEW ORAL / MEDICAL -2 INSTRUCTORS 3 REVIEW STATIONS

		ROTATE THROUGH ALL MEDICAL EMERGENCIES COULD INCLUDE • CVA • RESPIRATORY • DIABETES • OD • POISONING • AMS • GI
	DATE 6hrs	Student led Review * 0830-1330 2 INSTRUCTORS 3 ORAL REVIEW STATIONS CVA, HTN, ANGINA, R HEART FAILURE, L HEART FAILURE, AMI TO INCLUDE ELECTRICAL SKILLS, MEDICATION SKILLS SEND OUT CV see final review material for topics
Week 12	DATE 6hrs	Student led Review * 0900-1400 NREMT SKILLS STATION REVIEW TRAUMA STATION INSTRUCTOR , ACTOR CARDIAC S • STATIC INSTRUCTOR DYNAMIC INSTRUCTOR
	DATE 6hrs	1000-1400 NREMT SKILLS STATION 2 INSTRUCTOR ORAL TRAUMA INSTRUCTOR ORAL CARDIAC INSTRUCTOR
Week 13	DATE 6hrs	Med skills review IV DRIPS IVPB DRUG DOSES AND MATH MAI STATION W MEDICATION ADMINISTRATION 2 instructors
	DATE 6hrs	MOCK EXAM 4
Week 14	DATE 6hrs	Mock NREMT Skills Day 0830-1330 IOOH STATION INSTRUCTOR ACTOR CARDIAC STATIONS

		STATIC INSTRUCTOR DYNAMIC INSTRUCTOR 2 Instructors
	DATE 6hrs	COMPREHENSIVE REVIEW VIA PROTOCOLS PER STUDENT REQUEST CARDIAC STATIONS • STATIC INSTRUCTOR • DYNAMIC INSTRUCTOR TRAUMA STATION INSTRUCTOR & ACTOR
Week 15	DATE 6hrs	Mock NREMT Exam 5 Student led Review * Medical see final review material for topics 1000-1400 3 MEDICAL ORAL REVIEW STATIONS 2 INSTRUCTORS RESPIRATORY, NEURO, ENDOCRINE, RENAL, GI,
	DATE 6hrs	TBD
Finals Week Week 16	DATE 6hrs	Final Comprehensive Cognitive Exam <i>(Must achieve a 77%)</i> All semester two clinical time must be completed.
	DATE 6hrs	Comprehensive Psychomotor Exam (May retest twice) All semester two clinical paperwork must submitted.

Total 192 didactic/lab hours

Total 192 didactic/lab hours

Total program didactic/lab training = 568 hours.

Orientation hours = 12

Total clinical hours = 498

Total cohort hours = 1,078

NR Skills Exam: DATE & TIME TBD