



## EMERGENCY MEDICAL SERVICES

### Course Description:

Emergency Medical Services is an introduction to the world of emergency medicine. Students will learn how to provide care and transportation to the sick and injured, typically in a pre-hospital setting.

- Students who meet state-required knowledge, skills and clinical objectives may be eligible to take the National Registry of Emergency Medical Technicians (NREMT) exam.
- Successful completion of the NREMT exam allows the student to obtain either an Emergency Medical Responder (EMR) or Emergency Medical Technician (EMT) State of Michigan license to practice medicine. This level of training requires stricter attendance and academic criteria.
- Students have the opportunity to participate in the Annual Inter-Tech Competition where they showcase their skills and knowledge. Students from area tech centers compete in the categories of medical scenario management, trauma scenario management, cardiac arrest, and a written test.

**High School Credit:** Students will earn elective credit at their high school upon completion of this course. Please see a high school counselor (based on district decision) for eligibility towards 4th-year math-related credit, VPAA credit, and waived credits for third year science and second year world language.

**College Credit:** Davenport University or Ferris State University offer articulate credit for this course.



**Careerline**  
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Students who would benefit from this program are those who enjoy helping others in an emergency situation, work well under pressure, enjoy working in a team and are compassionate. This class will help lay the foundation for success in a healthcare career.

# EMERGENCY MEDICAL SERVICES

## LENGTH OF PROGRAM

1 year, Senior Only

### Instructor:

Kim Schrader  
kschrade@oaisd.org

### ParaPros:

Phil Meiste  
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Robyn Carrillo  
rcarrill@oaisd.org

## Related Careers with 2022 Median Annual Pay from O\*Net

■ EMT	\$36,680
■ Paramedic	\$49,090
■ Ambulance Attendant	\$30,380
■ Firefighter	\$51,680
■ And many more	

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### TO ENROLL

[bit.ly/CTCenroll](https://bit.ly/CTCenroll)



### QUESTIONS?

Contact Jannette Bole  
[jbole@oaisd.org](mailto:jbole@oaisd.org)



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### Careerline Tech Center

13663 Port Sheldon Street | Holland | 616-738-8950

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### Course Outline:

**1st Semester:** Preparatory (Introduction to EMS), Airway Management, Patient Assessment, Medical Patient Assessment Part 1, Medical Math.

**2nd Semester:** Medical Patient Assessment Part 2, Trauma Patient Assessment, Special Populations (Geriatrics, Pediatrics, Special Needs), Operations (Ambulance OPS, HAZMAT, Triage, MCI, Gaining Access), and Medical Math.

### Resources Used:

Emergency Care and Transport of the Sick and Injured, 12th edition (main textbook), AHA BLS for Healthcare Providers Textbook, Healthcare tools, including but not limited to: stethoscope, blood pressure cuff, glucometers, medication administration supplies (syringes, needles), splints, AEDs, airway: (NPA, OPA, iGel, suction), tourniquets, oxygen tanks & regulators, oxygen delivery devices, and simulation manikins.

### Post Secondary Partners:

Great Lakes EMS Academy, Lake Superior State University, Kalamazoo Valley Community College, Lansing Community College, and LIFE EMS Education Program.

**Work-Based Learning:** All students at CTC have the opportunity to participate in experiences (such as guest speakers, tours, and work experiences) that connect them with local employers in their program area.

**WBL Opportunities:** For students who meet specific criteria, a Minimum of 24 hours on an ALS ambulance: AMR & LIFE EMS, Minimum of 8 hours in an Emergency Department setting: Holland Hospital (self-transport).

**Safety Trainings Provided In:** Bloodborne Pathogens, Workplace Safety & Wellness; Lifting & Moving; HAZMAT Introductions, Scene Safety.

**Certifications Offered:** AHA BLS CPR; Bloodborne Pathogen Training; FEMA certifications; EMR and EMT Certificates; and NREMT eligibility.

**Student Leadership Opportunities:** Students have the opportunity to engage in activities to develop relationships with classmates and community partners to strengthen their leadership skills.

**Offsite Delivery:** Beach Rescue and Disaster Relief Drills to simulate the teamwork & leadership needs for the industry.

**Capstone:** Upon course completion and with teacher recommendation, qualifying students may extend their learning through Capstone. This highly independent course has rigorous attendance and employability requirements. Enrollment starts in May. See your work-based learning coordinator for more information.