

EMERGENCY MEDICAL SERVICE (531)

Information provided includes course descriptions by subject only. For complete 2024-2025 programs/academic plans, please refer to Academic Programs (<http://catalog.blackhawk.edu/academics/>).

531-102 Emergency Procedure-Work Place

Credits: 0.5-1

This course prepares the individual for common emergencies in the work place. It includes the American Heart Association Adult, Child and Infant CPR, First Aid and Fire Prevention and Safety.

Aid Code: 10 - undefined.

Complete Course Listing

531-104 EMT Basic/FPT

Credits: 1-4

The course is for Fire Protection Technician program students only. This course prepares individuals to care for patients at accident scenes and transport by ambulance to the hospital under medical direction. The course emphasizes emergency skills such as managing respiratory and cardiac emergencies, medical emergencies, trauma emergencies and patient assessment, and teaches these skills in a job-related context. The National Registry of EMT's test is required at the completion of the course for licensure in the State of Wisconsin.

Aid Code: 10 - undefined.

Pre-requisites: 531-434

Complete Course Listing

531-105 EMT Intermediate Technician

Credits: 1-3

The EMT Intermediate Technician course will take you to the next level of training after EMT-Basic. Students will learn clinical decision making skills, basic pharmacology, intravenous therapy, and management of cardiovascular, diabetic, drug overdose, and shock cases. The class includes a combination of classroom and practical skills training that includes clinical time in a hospital setting. Demonstrated skill competencies are required to successfully complete this class in order to be eligible to take the Wisconsin State licensure examination. EMT-Basic and a current EMT-B license are pre-requisites for this class.

Aid Code: 10 - undefined.

Complete Course Listing

531-110 Emerg Med Tech/EMT-B

Credits: 1-5

Prepares students for the National Registry of EMTs Emergency Medical Technician level test which leads to licensure as an EMT in Wisconsin. The course emphasizes emergency medical skills needed to stabilize both trauma and medical patients in a prehospital setting within the guidelines of Medical Control. The course covers basic anatomy and physiology, patient and scene assessment, patient stabilization and intervention techniques, medical-legal aspects, and patient packaging and transportation to the hospital. This course is a prerequisite for Advanced EMT and includes 180 hours of instruction that includes lecture, practical skill development, simulation learning, and clinical time. The course includes the American Heart Association Healthcare Provider CPR as a course introduction. Failure to successfully complete this portion of the course disqualifies students from continuing. There is an additional course fee that covers required class materials with the exception of books. This course fee is non refundable after the first day of class.

Aid Code: 10 - undefined.

Pre-requisites: (ASSET Writing Skills, 44 or COMPASS Writing Skills, 070 or ACT English, 18 or AccuPlacer Sentence Skills, 083 or Next Gen AccuPlacer Writing, 255 or SAT Writing, 330 or Test Waived-College Degree or 831-103 or 831-103 or 801-136 or 801-195) and (COMPASS Reading Skills, 073 or ACT Reading, 16 or ASSET Reading Skills, 39 or Next Gen AccuPlacer Reading, 251 or SAT Reading, 251 or AccuPlacer Reading Comp, 076 or Test Waived-College Degree or 838-104 or 838-104 or 801-196 or 801-198 or 806-110 or 806-112 or 806-118 or 806-134 or 806-139 or 806-154 or 806-177 or 806-186 or 806-194 or 806-199 or 809-166 or 809-172 or 809-188 or 809-195 or 809-143 or 809-196 or 809-198 or 809-199)

Complete Course Listing

531-111 Advanced Emergency Medical Technician (AEMT)

Credits: 1-4

Prepares students for the National Registry of EMTs Advanced Emergency Medical Technician level test which leads to licensure as an AEMT in Wisconsin. The course emphasizes more advanced emergency medical skills needed to stabilize both trauma and medical patients in a prehospital setting within the guidelines of Medical Control. The course covers additional anatomy and physiology needed for more advanced patient assessment and treatment skills. Patient stabilization and intervention techniques at this more advanced level are also covered. This course includes 180 hours of instruction that includes lecture, practical skill development, simulation learning, and clinical time. Prerequisite: Wisconsin licensed EMT.

Aid Code: 10 - undefined.

Pre-requisites: (531-110)

Complete Course Listing

531-302 Emergency Medical Technician Part 2

Credits: 1-3

Advances on the foundation concepts of Part 1 to include pharmacology, pathophysiology, operating an ambulance, and medication administration. Students will also complete a clinical rotation in a hospital Emergency Department. Upon successful completion, candidates will be eligible to participate in the National Registry of EMTs Emergency Medical Technician exams for Wisconsin EMT licensure.

Aid Code: 30 - undefined.

Pre-requisites: (531-301)

Complete Course Listing

531-304 EMT - Intermediate 99 I

Credits: 1-5

Students learn advanced patient assessment, communication skills and advanced life support interventions through lecture and in class practical application. This course is the first of two class needed to meet the requirements for certification with the National Registry of Emergency Medical Technicians and educational requirements for licensure in Wisconsin.

Aid Code: 30 - undefined.

Complete Course Listing

531-305 EMT - Intermediate 99 II

Credits: 1-5

Students learn advanced patient assessment, communication skills and advanced life support interventions through lecture and clinical and field experience. This course is the second of two classes needed to meet the requirements for certification with the National Registry of Emergency Medical Technicians and educational requirements for licensure in Wisconsin.

Aid Code: 30 - undefined.

Complete Course Listing

531-400 First Aid

Credits: .8

Aid Code: 42 - undefined.

Complete Course Listing

531-402 Pediatric CPR & Health

Credits: 0.1-1.2

Aid Code: 47 - undefined.

Complete Course Listing

531-405 American Heart Assoc-CPR Instr

Credits: 0.1-0.6

Aid Code: 47 - undefined.

Complete Course Listing

531-406 Heartsaver First Aid

Credits: 0.1-0.7

A First Aid and Adult CPR course for the general public. this course is divided into several modules to fit the needs of both business settings and the general population. It is based on the American Heart Association standards.

Aid Code: 47 - undefined.

Complete Course Listing

531-409 EMT-B Flex Refresher

Credits: 0.05-0.6

This course is the terminal module for the Flexible refresher option for renewal of the Wisconsin First Responder license through the Wisconsin Department of Health Services. The course includes discussion of selected topics that are required by the state and local Medical Direction, and includes mandatory skills check-off and a written examination.

Aid Code: 47 - undefined.

Complete Course Listing

531-410 Emergency Care-Day Care Center

Credits: 0.1-1

Aid Code: 47 - undefined.

Complete Course Listing

531-411 Pediatric BLS-CPR

Credits: 0.1-0.9

The course consists of air way obstruction and CPR for infants and children under 8-10 years old, based on the newest American Heart Association techniques. Target audiences - daycare centers (OSHA approved).

Aid Code: 47 - undefined.

Complete Course Listing

531-412 First Responder-EMR Refresher

Credits: 0.1-1.6

CPC Prep Course.

Aid Code: 47 - undefined.

Complete Course Listing

531-413 First Responder Awareness

Credits: 0.1-0.4

Aid Code: 47 - undefined.

Complete Course Listing

531-415 Emerg Vehicle Oper Course

Credits: 0.2-0.8

This course is for EMTs and drivers of ambulances consisting of classroom work, on-road and track emergency driving maneuvers.

Aid Code: 47 - undefined.

Complete Course Listing

531-417 Extraction for EMS**Credits:** 0.05-0.8**Aid Code:** 47 - undefined.

Complete Course Listing

531-418 Emergency Med Tech-Basic**Credits:** 0.2-12**Aid Code:** 47 - undefined.

Complete Course Listing

531-420 Emergency Med Trng-Refresher**Credits:** 0.2-1

CPC Prep Course.

Aid Code: 47 - undefined.

Complete Course Listing

531-421 EMT Intermediate**Credits:** 0.2-10**Aid Code:** 47 - undefined.

Complete Course Listing

531-423 AEMT Refresher**Credits:** 0.1-1.2

Triennial refresher course required for license renewal for AEMT skills.

Aid Code: 47 - undefined.

Complete Course Listing

531-426 Amer Heart Heartsavr-First Aid**Credits:** 0.1-0.8

Basic First Aid and Adult CPR with Automated Enhanced Defibrillation for the general public, business and industrial personnel. The course consists of the principles and techniques for aiding a victim until more qualified help arrives.

Aid Code: 47 - undefined.

Complete Course Listing

531-427 EMT Basic Mini Refresher**Credits:** 0.05-0.6

This is the required course for those individuals doing continuing education for their State of Wisconsin Licensure renewal. The class consists of 3 hours of "Hot Topic Updates" and three station practical skills test. This class alone will not fulfill the requirements for renewal for the State of Wisconsin or National Registry.

Aid Code: 47 - undefined.

Complete Course Listing

531-428 CPR Instructor Renewal**Credits:** .4**Aid Code:** 47 - undefined.

Complete Course Listing

531-431 Heartsaver-Plus CPR**Credits:** .9

For the general public. The course consists of airway obstruction and CPR for infants, children, and adults based on the newest American Heart Association techniques (OSHA approved)

Aid Code: 47 - undefined.

Complete Course Listing

531-432 CPR On The Move**Credits:** 0.1-1.2**Aid Code:** 47 - undefined.

Complete Course Listing

531-433 Basic Trauma Life Support**Credits:** 0.1-1.6**Aid Code:** 47 - undefined.

Complete Course Listing

531-434 Healthcare Provider-CPR**Credits:** 0.1-0.6

For any medical staff personnel, medical type students, EMTs, nursing students, and nursing personnel. The course consists of airway obstruction and CPR, two person CPR, using adjunct equipment for infants, children, and adults based on the newest American Heart Association techniques (OSHA approved).

Aid Code: 47 - undefined.

Complete Course Listing

531-435 Death & Dying**Credits:** 0.1-0.8**Aid Code:** 47 - undefined.

Complete Course Listing

531-436 CPR Refresher**Credits:** .3

Biennial update for those already certified in CPR.

Aid Code: 47 - undefined.

Complete Course Listing

531-437 EMT Intermediate Technician**Credits:** 1-9**Aid Code:** 47 - undefined.

Complete Course Listing

531-438 Heartsaver-CPR**Credits:** 0.1-0.4**Aid Code:** 47 - undefined.

Complete Course Listing

531-439 Emergency Med Dispatch-Fire
Credits: 0.1-2.4

Aid Code: 47 - undefined.

Complete Course Listing

531-441 Pediatric Emergencies
Credits: 0.1-0.8

Aid Code: 47 - undefined.

Complete Course Listing

531-443 ConEd-Sudden Inf Death&The EMT
Credits: 0.1-0.3

Aid Code: 47 - undefined.

Complete Course Listing

531-444 ConEd-Poisons, Drugs & The EMT
Credits: 0.1-0.3

Aid Code: 47 - undefined.

Complete Course Listing

531-445 Con ED-Medical Emergencies
Credits: 0.1-0.8

Aid Code: 47 - undefined.

Complete Course Listing

531-446 ConEd-Patient Ass & The EMT
Credits: 0.1-0.6

Aid Code: 47 - undefined.

Complete Course Listing

531-447 Con Ed-Burn Outreach
Credits: 0.1-0.3

Aid Code: 47 - undefined.

Complete Course Listing

531-448 Con Ed-M.A.S.T.
Credits: 0.1-0.4

Aid Code: 47 - undefined.

Complete Course Listing

531-449 Con Ed-Hypo-Hyperthermia
Credits: 0.1-0.3

Aid Code: 47 - undefined.

Complete Course Listing

531-451 Con Ed-Trauma
Credits: 0.1-0.7

Aid Code: 47 - undefined.

Complete Course Listing

531-452 Con Ed-Farm Extrication
Credits: 0.1-0.7

Aid Code: 47 - undefined.

Complete Course Listing

531-453 Con Ed-Disater Management
Credits: 0.1-1.6

Aid Code: 47 - undefined.

Complete Course Listing

531-454 EMT-Intermediate Refresher
Credits: 0.1-1.2

Aid Code: 47 - undefined.

Complete Course Listing

531-455 Heartsaver-AED
Credits: 0.1-0.4

This course consists of automatic electronic defibrillation during heart attacks. The course is for the general public who have access to an AED.
Aid Code: 47 - undefined.

Complete Course Listing

531-460 First Responder Adv Skills Mod
Credits: 0.05-0.9

Aid Code: 47 - undefined.

Complete Course Listing

531-462 Intermediate Clinical Lab
Credits: 0.05-4

Aid Code: 47 - undefined.

Complete Course Listing

531-463 Int. Tech to AEMT Transition
Credits: 0.05-4.2

Course is designed for transitioning existing EMT-Intermediate Technician to the Advanced EMT level for State of Wisconsin Licensure.
Aid Code: 47 - undefined.

Complete Course Listing

531-464 EMT-B to EMT Transition**Credits:** 0.05-3

Course is designed for transitioning existing EMT-Basics to the new EMT level for State of Wisconsin Licensure.

Aid Code: 47 - undefined.

Complete Course Listing

531-465 EMT I-99 Refresher**Credits:** 0.05-4.8

This 48 hour refresher covers the Intermediate Technician competencies of pharmacology principles, IV therapy, care of cardiac patients, interventions for diabetic cases, narcotic patients, pediatric patients, and all clinical competencies.

Aid Code: 47 - undefined.

Complete Course Listing

531-467 CPR Skills Evaluation/Test**Credits:** 0

This course is a skills evaluation/ test that is taken after successful completion of the AHA online CPR course. Once completed with the online course, student s can contact BTC to set up an evaluation testing time. Qualifying students must present a verified certificate stating they completed the AHA online CPR course at the time of evaluation testing.

Aid Code: 47 - undefined.

Complete Course Listing

531-468 Paramedic Refresher**Credits:** 0.05-6

No Description.

Aid Code: 47 - undefined.

Complete Course Listing

531-470 ACLS**Credits:** 1.6

ACLS is geared towards healthcare professionals who either direct or participate in the management of cardiopulmonary arrest or other cardiovascular emergencies or personnel in emergency response. Upon successful completion of the course, students receive a course completion card, valid for two years. **Please purchase the current provider manual at the BTC bookstore, complete the pretest and bring it with you to class.

Aid Code: 47 - undefined.

Complete Course Listing

531-471 PALS**Credits:** 1.6

PALS is geared towards healthcare providers who respond to emergencies in infants and children and for personnel in emergency response, emergency medicine, intensive care and critical care units. Upon successful completion of the course, students receive a course completion card, valid for two years. **Please purchase the current provider manual at the BTC bookstore, complete the pretest and bring it with you to class.

Aid Code: 47 - undefined.

Complete Course Listing

531-535 ACLS Refresher**Credits:** .8

ACLS is geared towards healthcare professionals who either direct or participate in the management of cardiopulmonary arrest or other cardiovascular emergencies or personnel in emergency response. Upon successful completion of the course, students receive a course completion card, valid for two years. this is a refresher course. **Please purchase the current provider manual at the BTC bookstore, complete the pretest and bring it with you to class.

Aid Code: 47 - undefined.

Complete Course Listing

531-536 PALS Refresher**Credits:** .8

PALS is geared towards healthcare providers who respond to emergencies in infants and children and for personnel in emergency response, emergency medicine, intensive care and critical care units. Upon successful completion of the course, students receive a course completion card, valid for two years. This is a refresher class. **Please purchase the current provider manual at the BTC bookstore, complete the pretest and bring it with you to class.

Aid Code: 47 - undefined.

Complete Course Listing

531-911 EMS Fundamentals**Credits:** 1-2

This course provides the paramedic student with comprehensive knowledge of EMS systems, safety, well-being, legal issues, and ethical issues, with the intended outcome of improving the health of EMS personnel, patients, and the community. The students will obtain fundamental knowledge of public health principles and epidemiology as related to public health emergencies, health promotion, and illness/ injury prevention. Introducing students to comprehensive anatomical and medical terminology and abbreviations will foster the development of effective written and oral communications with colleagues and other health care professionals.

Aid Code: 10 - undefined.

Complete Course Listing

531-912 Paramedic Medical Principles

Credits: 1-4

This course addresses the complex depth of anatomy, physiology, and pathophysiology of major human systems while also introducing the paramedic students to the topics of shock, immunology, and bleeding.

Aid Code: 10 - undefined.

Co-requisites: (531-911)

Complete Course Listing

531-913 Advanced Patient Assessment Principles

Credits: 1-3

This course teaches the paramedic student to integrate scene and patient assessment findings with knowledge of epidemiology and pathophysiology to form a field impression. By utilizing a structured and organized assessment process with knowledge of anatomy, physiology, pathophysiology, life span development, and changes that occur to the human body with time, the students will learn to develop a list of differential diagnoses through clinical reasoning, along with the ability to modify the assessment as necessary to formulate a treatment plan for their patients.

Aid Code: 10 - undefined.

Co-requisites: (531-912)

Complete Course Listing

531-914 Advanced Pre-Hospital Pharmacology

Credits: 1-3

This course provides the paramedic student with the comprehensive knowledge of pharmacology required to formulate and administer a pharmacological treatment plan intended to mitigate emergencies and improve the overall health of the patient.

Aid Code: 10 - undefined.

Restrictions: Restricted to students admitted to Program.

Co-requisites: (531-913)

Complete Course Listing

531-915 Paramedic Respiratory Management

Credits: 1-2

This course teaches the paramedic student to integrate complex knowledge of anatomy, physiology, and pathophysiology into the assessment to develop and implement a treatment plan with the goal of assuring a patient airway, adequate mechanical ventilation, and respiration for patients of all ages. Specific knowledge pertaining to the respiratory system is also provided to ensure the student is prepared to formulate a field impression and implement a comprehensive treatment plan for a patient with a respiratory complaint.

Aid Code: 10 - undefined.

Restrictions: Restricted to students admitted to Program.

Pre-requisites: 531-914

Complete Course Listing

531-916 Paramedic Cardiology

Credits: 1-4

This course teaches the paramedic student to integrate assessment findings with principles of cardiovascular anatomy, physiology, epidemiology, and pathophysiology to formulate a field impression and implement a comprehensive treatment plan for a patient with a cardiovascular complaint.

Aid Code: 10 - undefined.

Restrictions: Restricted to students admitted to Program.

Complete Course Listing

531-917 Paramedic Clinical/Field 1

Credits: 1-3

This course provides the student with the opportunity to enhance his or her learning through the practice of paramedicine in field and health care environment experiences with actual patients under the supervision of instructors or approved preceptors. Students may also have the opportunity to participate in formal high-fidelity human patient simulator experiences as a part of this course.

Aid Code: 10 - undefined.

Restrictions: Restricted to students admitted to Program.

Co-requisites: 531-918

Complete Course Listing

531-918 Advanced Emergency Resuscitation

Credits: 0.05-1

By teaching Advanced Cardiac Life Support (ACLS) and Pediatric Advanced Life Support (PALS) methodologies and protocols, this course prepares the paramedic student in the integration of comprehensive knowledge of causes and pathophysiology into the management of shock, respiratory failure, respiratory arrest, cardiac arrest, and peri-arrest states with an emphasis on early intervention to prevent respiratory and/or cardiac arrest if possible.

Aid Code: 10 - undefined.

Restrictions: Restricted to students admitted to Program.

Co-requisites: 531-915

Complete Course Listing

531-919 Paramedic Medical Emergencies

Credits: 1-4

This course teaches the paramedic student to integrate assessment findings with principles of anatomy, physiology, epidemiology, and pathophysiology to formulate a field impression and implement a comprehensive treatment plan for a patient with a medical complaint.

Aid Code: 10 - undefined.

Restrictions: Restricted to students admitted to Program.

Co-requisites: (531-918)

Complete Course Listing

531-920 Paramedic Trauma**Credits:** 1-3

This course teaches the paramedic student to integrate assessment findings with principles of anatomy, physiology, epidemiology, and pathophysiology to formulate a field impression and implement a comprehensive treatment plan for an acutely injured patient.

Aid Code: 10 - undefined.**Restrictions:** Restricted to students admitted to Program.**Pre-requisites:** 531-919

Complete Course Listing

531-921 Special Patient Populations**Credits:** 1-3

This course teaches the paramedic student to integrate assessment findings with principles of anatomy, physiology, epidemiology, and pathophysiology to formulate a field impression and implement a comprehensive treatment plan for patients with special needs.

Gynecological emergencies, along with special considerations in trauma are also included within this course.

Aid Code: 10 - undefined.**Restrictions:** Restricted to students admitted to Program.**Co-requisites:** (531-920)

Complete Course Listing

531-922 EMS Operations**Credits:** 0.05-1

This course provides the paramedic student with the knowledge of operational roles and responsibilities to ensure patient, public, and EMS personnel safety.

Aid Code: 10 - undefined.**Restrictions:** Restricted to students admitted to Program.**Co-requisites:** (531-921)

Complete Course Listing

531-923 Paramedic Capstone**Credits:** 0.05-1

This course provides the student with a final opportunity to incorporate their cognitive knowledge and psychomotor skills through labs and scenario-based practice and evaluations prior to taking the National Registry written and practical examinations. Technical Skills Attainment (TSA) for each student will be compiled and/or documented within this course as required by the DHS-approved paramedic curriculum.

Aid Code: 10 - undefined.**Restrictions:** Restricted to students admitted to Program.**Co-requisites:** 531-924

Complete Course Listing

531-924 Paramedic Clinical/Field 2**Credits:** 1-4

This course provides the student with the opportunity to enhance his or her learning through the practice of paramedicine in the field and health care environment experiences with actual patients under the supervision of instructors or approved preceptors. Students may also have the opportunity to participate in formal high-fidelity human patient simulator experiences as a part of this course. Successful completion of this course requires the student to meet all clinical and field competency requirements at the paramedic level as defined by WI DHS EMS.

Aid Code: 10 - undefined.**Restrictions:** Restricted to students admitted to Program.**Co-requisites:** (531-922)

Complete Course Listing

531-999E EMT Testing**Credits:** 0

Complete Course Listing