

**DEKALB TECHNICAL COLLEGE**  
**Clarkston Campus and Covington Campus**

**EMERGENCY MEDICAL TECHNICIAN - INTERMEDIATE  
TECHNICAL CERTIFICATE OF CREDIT**

This program covers both the U.S. Department of Transportation 1985 Emergency Medical Technician-Intermediate Curriculum and the 1994 Emergency Medical Technician-Basic Curriculum. The EMT-I Program is designed to provide additional training and increased knowledge and skills in specific aspects of advanced life support above the basic level. Successful completion of all program modules will grant the graduate eligibility to sit for the National Registry of Emergency Medical Technician (NREMT) EMT I-85 examination. When the candidate successfully passes all required NREMT EMT I-85 exam components he/she will be eligible to apply for Georgia licensure. Upon successful completion of EMC 110, students have the option to exit the EMT-I program and sit for the NREMT Basic Exam.

Course Number	Course	Class Hours	Lab Hours	Total Hours	Credit Hours	Prerequisites/Corequisites
<b>FIRST QUARTER</b>						
EMC 100	Introduction to the EMT Profession	32	8	40	3	Program Admission
EMC 103	Patient Assessment & Airway	<u>24</u>	<u>20</u>	<u>44</u>	<u>3</u>	*, EMC 100 (Co)
	<b>TOTAL</b>	56	28	84	6	
<b>SECOND QUARTER</b>						
EMC 105	Med/Behavioral & OB/Peds Emergencies	31	21	52	4	EMC 100, EMC103, EMC 108 (Co)
EMC 108	Trauma Emergencies	<u>20</u>	<u>14</u>	<u>34</u>	<u>2</u>	EMC 100, EMC103, EMC 105 (Co)
	<b>TOTAL</b>	51	31	86	6	
<b>THIRD QUARTER</b>						
EMC 110	Summative Evaluations-EMT Basic	12	52	64	3	EMC 100, 103, 105, 108, EMC 113 (Co)
EMC 113	Pharmacology & Shock/Trauma Mgmt	<u>25</u>	<u>24</u>	<u>52</u>	<u>3</u>	EMC 100, 103, 105, 108, EMC 110 (Co) Or National Registry Basic EMT Registration
	<b>TOTAL</b>	37	76	116	6	
<b>FOURTH QUARTER</b>						
EMC 116	Medical Emergency-EMT Intermediate	33	15	48	3	EMC 113, EMC 119 (Co)
EMC 119	Summative Evaluations-EMT Intermediate	<u>12</u>	<u>52</u>	<u>64</u>	<u>3</u>	EMC 113, EMC 116 (Co)
	<b>TOTAL</b>	45	67	112	6	

\* Program admission level English, reading, and math scores

\*\* Completion of each quarter's courses with a minimum grade of "C" in each course is prerequisite to the next quarter's courses.

**CIP CODE: 51.090401**

**MAJOR CODE: EM01**

**REQUIRED CREDIT HOURS: 24**

**10/07**

The curriculum is subject to change to meet changing conditions. As set forth in its catalog, DeKalb Technical College does not discriminate on the basis of race, color, creed, national or ethnic origin, gender, religion, disability, age, veteran status, or citizenship status (except in those special circumstances permitted or mandated by law).

**COURSE DESCRIPTIONS**

**EMC 100 – INTRO TO THE EMT PROFESSION (3)**

Prerequisite: Program Admission

The course covers all the components of the National Highway Safety Transportation Administration, National Standard Curriculum, Emergency Medical Technician-Basic, 1994 Standard, Module 1 and Module 7. It also covers Sections 1, 2, 3 and 4 of the NHTSA, National Standard Curriculum, EMT-Intermediate-1985. Topics include: basic cardiopulmonary resuscitation/AED, introduction to emergency medical care, roles and responsibilities of the EMT-Intermediate, EMS Systems for EMT-Intermediates, well being of the EMT– Basic, medical/legal and ethical issues, medical-legal aspects for the EMT-Intermediate, blood and airborne pathogens and infectious diseases, the human body, medical terminology, base line vital signs and SAMPLE history, lifting and moving patients, ambulance operations, gaining access, and overviews of HazMat/MCI.

**EMC 103 – PATIENT ASSESSMENT AND AIRWAY FOR THE EMT (3)**

Prerequisite: Program Admission

Corequisite: EMC 100

The course covers all the components of the National Highway Safety Transportation Administration, National Standard Curriculum, Emergency Medical Technician-Basic, 1994 standard, Module 2 and 3. In addition to the NSC-B 1994 standards, this course also includes the NSC EMT-Intermediate 1985 Standard, Sections 5, 6, and 7. Topics include: Scene-Size Up, Initial Assessment, Focused History and Physical Exam for both Medical and Trauma Patients, Detailed Physical Exam, On-Going Assessment, Communications/Documentation, EMS communications for the EMT-I, airway, advanced airway and Basic/Advanced Airway Management.

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**EMC 105 – MEDICAL BEHAVIORAL AND OB/PEDIATRIC EMERGENCIES FOR THE EMT (4)**

Prerequisites: EMC 100, EMC 103  
Corequisite: EMC 108

The course covers all the components of the National Highway Safety Transportation Administration, National Standard Curriculum, Emergency Medical Technician-Basic, 1994 standard, Module 4 and Module 6. Topics include general pharmacology, respiratory emergencies, cardiovascular emergencies, diabetic emergencies, allergic reactions, poisoning/overdose emergencies, environmental emergencies, behavioral emergencies, ob/gyn emergencies, infants & children and patients with special needs.

**EMC 108 – TRAUMA EMERGENCIES FOR THE EMT (2)**

Prerequisites: EMC 100, EMC 103  
Corequisite: EMC 105

The course covers all the components of the National Highway Safety Transportation Administration, National Standard Curriculum, Emergency Medical Technician-Basic, 1994 standard, Module 5. Topics Include: bleeding and shock, soft tissue injuries, musculoskeletal care, injuries to the head/spine and emergency medical response to WMD .

**EMC 110 – SUMMATIVE EVALUATIONS FOR THE EMT BASIC (3)**

Prerequisites: EMC 100, EMC 103, EMC 105, EMC 108  
Corequisite: EMC 113

The course serves as the exit point for students taking only the EMT-Basic program. Students continuing on to the EMT-Intermediate portion of the curriculum must pass this course in order to continue. The course will include clinical hours to be spent in both Hospital Emergency Departments and on Ambulance Clinical Rotations. This class will also contain a Comprehensive review of the US DOT EMT-Basic 1994 Curriculum, as well as portions of the NSC EMT-Intermediate 1985 Curriculum that were covered in EMC 100, EMC 103, EMC 105, and EMC108, and a comprehensive written and practical exam that will serve to verify the students competencies before proceeding to the EMT-Intermediate Courses.

**EMC 113 – PHARMACOLOGY AND SHOCK/TRAUMA MGMT FOR THE EMT INTERMEDIATE (3)**

Prerequisites: EMC 100, EMC 103, EMC 105, EMC 108 or National Registry Basic EMT Registration  
Corequisite: EMC 110

The course covers Section 8 of the National Highway Safety Transportation Administration, National Standard Curriculum, Emergency Medical Technician-Intermediate, 1985 standard. Topics Include: general pharmacology review, IV and IO therapy and shock/trauma assessment and management.

**EMC 116 – MEDICAL EMERGENCIES FOR THE EMT INTERMEDIATE (3)**

Prerequisite: EMC 113  
Corequisite: EMC 119

This course covers the U.S. Department of Transportation 1985 Emergency Medical Technician - Intermediate Curriculum. Topics include: hazardous material awareness level I (GEMA), patient handling (FTO), vehicle extrication lab (FTO) and general patient assessment and initial management.

**EMC 119 – SUMMATIVE EVALUATIONS FOR THE EMT INTERMEDIATE (3)**

Prerequisite: EMC 113  
Corequisite: EMC 116

This is the final course for those pursuing EMT-Intermediate Certification. The course will include clinical hours to be spent in both Hospital Emergency Departments and on Ambulance Clinical Rotations. This class will also contain a Comprehensive review of the US DOT EMT-Basic 1994 Curriculum as well as the US DOT EMT-Intermediate 1985 Curriculum. The course will include a comprehensive written and practical exam that will serve to verify the students' competencies before being allowed to sit for the National Registry Intermediate-1985 Exam. Topics will include review of both the EMT-B 1994 and EMT-I 1985 Curricula, Assessment/Management Review for Trauma & Medical & OB/Peds and a NREMT examination review.

**ESTIMATED PROGRAM COSTS**

**EMERGENCY MEDICAL TECHNICIAN – INTERMEDIATE TECHNICAL CERTIFICATE OF CREDIT**

**First Quarter**

Tuition/Fees.....	\$478.00
Books.....	150.00
Malpractice Insurance .....	50.00
Background Check / Drug Screen.....	100.00
Vaccines (if needed).....	250.00
Classroom Uniform.....	120.00
Equipment*.....	50.00
<b>Total.....</b>	<b>\$1,198.00</b>

**Second Quarter**

Tuition/Fees.....	\$478.00
Clinical Uniform Shirt.....	40.00
<b>Total.....</b>	<b>\$518.00</b>

**Third Quarter**

Tuition/Fees.....	\$478.00
<b>Total.....</b>	<b>\$478.00</b>

**Fourth Quarter**

Tuition/Fees.....	\$478.00
National Registry Exam.....	100.00
National Registry Site Fee**.....	65.00
State License Fee .....	50.00
<b>Total.....</b>	<b>\$693.00</b>

<b>Total Cost.....</b>	<b>\$2,887.00</b>
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\*Scissors/Pen Light/Stethoscope optional

\*\*If National Registry conducted at DeKalb Tech; otherwise site fee is determined by the site and may vary and is subject to change without notice.

Tuition/fees, cost of books/supplies, and other program fees/costs are estimates only and are subject to change without notice. Tuition is based on Georgia residency. 10/07