

### **EMERGENCY MEDICAL INSTITUTE**

### **Center for Learning and Innovation**

# EMERGENCY MEDICAL INSTITUTE EMT-CC to PARAMEDIC BRIDGE COURSE ONLINE DIDACTIC PROGRAM

INSTRUCTOR COORDINATORS : Gerard Sikorski

OFFICE HOURS : By Appointment, through GoToMeeting or Skype

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**GENERAL INFORMATION** 

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Program Information

NYS Course Number : #240002

Start Date : February 15<sup>th</sup>, 2019 Practical Skills Examination : To be determined NYS Written Examination : February 20, 2020

#### **PROGRAM GOAL:**

Within a timeframe set forth by the New York State Department of Health Bureau of EMS (NYS DOH BEMS), the goal of this program is to build upon previously established and administered EMT-Critical Care curriculum, and will address identified gaps in both didactic and psychomotor objectives, in an effort to bridge currently certified EMT-CC's to the EMT-Paramedic level in New York State.

#### **COURSE DESCRIPTION:**

This program is approved by the New York State Department of Health Bureau of Emergency Medical Services (NYS DOH BEMS), and addresses information and techniques currently considered to be within the scope of practice of the Paramedic as per the National Educational Standards, and Instructional Guidelines. This course will be conducted in accordance with New York State Standards, Policies, Procedures, and Guidelines. All course records will be retained in compliance with New York State Department of Health requirements.

The following three components must be completed successfully to bridge from EMT-CC to Paramedic:

- 1. The Northwell Health bridge program is a web-based didactic instruction consisting of:
  - Web-based Lectures
  - o Quizzes
  - Case Studies
  - Videos
  - Module Exam Prep
  - Formative and Summative Assessments
- 2. Participating local ALS Course Sponsors will provide:
  - Proctored Unit Examinations
  - Practical Skills Labs
  - Optional Practical Skills Exam Preparation
  - New York State Practical Skills Exam
- 3. Students, who successfully complete all requirements of this program, will be eligible for the NYS written certification examination. NYS examinations will occur at designated Regional Testing Sites.

In accordance with <u>NYS DOH BEMS Policy 13-01</u>, this program is not accredited, and as such, students will not be eligible for National Registry examinations.

#### **COURSE OBJECTIVES:**

This program has identified knowledge gaps that exist between the current EMT-CC and Paramedic curricula, and will deliver learning based on these identified areas. Upon program completion, students will have satisfied the objectives set forth by the <u>National Emergency Medical Services Educational Standards</u>

### **REQUIRED TEXTBOOKS AND OTHER MATERIALS:**

Northwell Health has arranged through the publisher, a discounted bundle for textbooks and support materials required for this course. Please utilize the links below to access and purchase these items in advance of your course start:

CC to Medic Bridge Bundle ISBN: 978-1-284-17760-2 is \$791.21 and contains:

- 1. Nancy Caroline's Emergency Care in the Streets Eight Edition with Premier Access (ISBN# 978-1-284-137279)
- 2. ECG Cases for EMS (ISBN# 978-1-4496-0918-4)
- 3. FISDAP Assessment Package: Paramedic (includes Comprehensive Exams, Unit Exams & Study Tools (ISBN# 978-1-284-13197-0)

CC to Medic Bridge Bundle ISBN without textbook: <u>978-1-284-18130-2</u> is \$482.21 and contains:

- 1. Caroline Emergency Care in the Streets with Premier (NO TEXTBOOK, ON-LINE ACCESS ONLY) (ISBN# 978-1-284-13721-7)
- 2. ECG Cases for EMS (ISBN# 978-1-4496-0918-4)
- 3. FISDAP Assessment Package: Paramedic (includes Comprehensive Exams, Unit Exams & Study Tools (ISBN# 978-1-284-13197-0)

Students are required to purchase their own books/materials.

#### **COURSE STRUCTURE:**

This is a web-based course that will require a significant degree of discipline and self-directed learning to achieve a successful outcome. This course will follow a rigid timetable. Students failing to complete required course work within the prescribed timeframes will be dismissed from the program.

Each unit is comprised of materials that are contained within the National EMS Education and Paramedic Instructional Guidelines. It is presented with the expressed purpose of bridging the knowledge gaps between the New York State Emergency Medical Technician-Critical Care curriculum and the National EMS Paramedic Education Standards. *It should be clearly understood that each unit is not a comprehensive presentation of all paramedic-level material on a specific topic.* Students are responsible for knowing and reviewing all topic materials up to and including the current Emergency Medical Technician-Critical Care (EMT-CC) curriculum.

Students shall be guided through each unit, completing learning modules with activities, and having their knowledge evaluated with formative and summative assessments. Once students have completed all activities and assessments for a specific unit, they must complete a comprehensive summative assessment of the unit topic material through an external examination platform (FISDAP). The assessments, as part of the online course, are intended to only evaluate the student's knowledge of the bridge (gap) material. The external summative assessment is intended to evaluate the student's base knowledge within the context of the entire National EMS Education Guidelines.

Evaluation/assessments include the following:

- Learning module quizzes & case studies.
- Topic area guizzes.
- FISDAP Unit Examinations.
- FISDAP Course Final Examination.
- Successful completion of all web based course objectives

#### **COURSE EVALUATIVE ASSESSMENTS/PROGRAM PROGRESSION:**

This course is rigidly structured to ensure that all students progress as an entire cohort through the program. Though students may elect to work faster through a specific module, there is little opportunity for students to fall behind and still remain in the program. The syllabus schedule has identified start and end dates for each activity that will be continuously monitored by the course instructor coordinator. Should a student start to fall behind within a module, the student should expect to receive warning notifications from the CIC that they are at risk of failing to complete the activities in time for the scheduled FISDAP Unit examination.

The course assessments and evaluations are as follows:

- Module Quizzes-placed within a module to assess knowledge after completing learning activities.
   Minimum passing grade on all quizzes is 100%. The student has unlimited attempts at the quiz, but must be completed before moving on to the next scheduled learning activity.
- Module Final Examinations/Assessments-placed at the end of a module to assess entire breadth of
  knowledge contained within a module. Minimum passing grade on all module final
  examinations/assessments is 80%. The student has unlimited attempts at the module final examination,
  but must be completed before being permitted to take the scheduled FISDAP Unit Examination. Failing
  to successfully pass the Module Final Examination by the specified end date will result in the
  student being dismissed from the program.
- FISDAP Unit Examinations-placed at the end of the module to assess the entire breadth of knowledge of
  the entire topic area, to include previously learned material (EMT-CC Curriculum) as well as the "gap"
  material contained within the module learning activities. The FISDAP Unit examinations cover the
  following topic areas:
  - o Operations
  - Medical
  - Airway
  - Special Patient Populations
  - Cardiology
  - o Trauma

A FISDAP Unit Examination does not exist for the Pathophysiology Module, and students need only pass the Module Final Examination to progress to the next module. The minimum passing grade on all FISDAP Unit Examinations is 70%. Students failing to pass the FISDAP Unit Examination on the initial attempt must schedule a second attempt within one week of the start of the next module. **Students failing to pass the FISDAP Unit Examination after two attempts shall result in dismissal from the program.** 

• FISDAP Paramedic Comprehensive Examination-placed at the end of the course in Module 8 to assess the entire breadth of paramedic knowledge. The minimum passing grade on the FISDAP Paramedic Comprehensive Examination is 70%. Students failing to pass the FISDAP Paramedic Comprehensive

Examination on the initial attempt must schedule a second attempt within one week of the scheduled end date of Module 8. Students failing to pass the FISDAP Paramedic Comprehensive Examination after two attempts shall result in dismissal from the program.

#### **TUITION REFUND POLICY:**

Tuition refunds will be granted according to the following schedule:

- Greater than 5 business days prior to course commencement 100% returned\*
- Within 5 business days of course commencement: 90% tuition returned\*
- 15 days beyond course commencement 75% returned
- 30 days beyond course commencement 50% returned
- 45 days beyond course commencement 25% returned
- After 45 days, no portion of the tuition is returned

#### **POST-PROGRAM TUITION REIMBURSEMENT:**

There is an opportunity for students to receive reimbursement for their \$1500 program tuition. Upon successful completion of the New York State Written Examination, and obtaining certification as a Paramedic, the student may have their EMS agency submit a reimbursement voucher to the New York State Department of Health, Bureau of EMS, in the amount of \$1500. The funds will be dispensed to the EMS agency, who will then be responsible for disbursing the funds back to the student. This process is handled specifically by the student and the EMS agency with New York State, and Northwell Health is not part of this transaction. The student is only reimbursed for the tuition cost, and not the cost of the required course materials.

#### **CLINICAL EXPERIENCE OBJECTIVES:**

None for this course.

#### **FIELD EXPERIENCE OBJECTIVES:**

None for this course.

#### **EMT CERTIFICATION:**

Students must maintain NYS EMT certification, or higher, throughout the program. If at any time during the program the certification expires or is suspended, the student shall be dismissed from the program.

#### **PROGRAM SYLLABUS REVISIONS:**

The program syllabus may be revised at any time to facilitate the progress of the students. Should a syllabus revision be necessary, and amended copy of the program syllabus shall be sent in electronic format to each student.

<sup>\*</sup> A \$30 service fee will be assessed for any tuition payment remitted by debit or credit card.

#### **STUDENT BEHAVIOR:**

Students shall conduct themselves as professional and responsible adult learners. Use of a personal electronic device is permitted provided the device is being used to further student education. Students are prohibited from possessing or utilizing any electronic (or similar) device while taking examinations.

A student who fails to complete any portion of their required web based course work will not be allowed to continue in the program.

Administration, Faculty, and any other Support Team Members will be afforded the utmost respect and courtesy at all times.

#### STUDENTS WITH DISABILITIES:

The Americans with Disabilities Act allows people with certain types of disabilities to request an accommodation for the New York State written certification examination. This may be accomplished only after providing proper documentation of their disability. See Reference D for NYS DOH BEMS ADA Policy.

To preserve the rights of all students, an Instructor cannot discuss or screen for disabilities or consider addressing any potential disabilities before a student's admission to a training program. An inquiry cannot be made of a prospective student about any disability. Any student who wishes to request a disability accommodation must contact the NYS BEMS Central Office at: (518) 402-0996. Contact should be made as soon as possible, but not later than eight weeks before the State certification examination.

### **Module 1-Preparatory / Operations**



Start Date	End Date	Activities	Required Material	Recommended Online Material
2/15/19	Date	Preparatory / Operations Pre-Assessment	ECITS	ECITS Online LMS
2/13/17		LMS Learning Modules	Lens	Case Studies
		EMS Systems / Research / Workforce Safety Life Span Development / Public Health Documentation / Medical Terminology Medical Legal & Ethics / EMS Communications	Pgs. 3-70 Pgs. 71-94; 477-496 Pgs. 169-226 Pgs. 95-168	Ch. 1,2,3,4,5,6,7  Flashcards Ch. 1,2,3,4,5,6,7  Focus Slides Ch. 1,2,3,4,5,6,7
	2/25/19	Preparation / Operations Quiz 1	Passing Grade 100 %	
2/26/19		LMS Learning Modules Patient Assessment	Pgs. 499-618	Case Study Ch.  11  Flashcards Ch.11  Focus Slides Ch. 11  Virtual Ride-Along GI Bleed
	3/7/19	Preparation / Operations Quiz 2	Passing Grade 100 %	
3/8/19		LMS Learning Modules Immunology / Infectious Diseases Principles of Pharmacology Medication Administration	Pgs.1315-1396 Pgs. 619-770	Case Study Ch. 13,14,25 Flashcards Ch. 13,14,25 Focus Slides Ch. 13,14,1525 Virtual Ride-Along Allergic Reaction Simulations Allergic Reaction
	3/18/19	Preparation / Operations Quiz 3	Passing Grade 100 %	
3/19/19	3/28/19	Case Studies Student Activities; Matching Exercise Student Activities; Medication Math Exercise	5 Case studies 1 exercise 1 exercise	Chapters 46 – 52 Pgs. 2203-2514
3/29/19	4/7/19	Preparation / Operations Final Examination	215 questions (3 hr. time limit)	Virtual Ride-Along MCI Test Prep Operations Exam
4/8/19	4/13/19	FISDAP End of Module Exam	Passing Grade: 70%	
		END OF MODULE		

### **Module 2-Pathophysiology**



Start	End	Activities	Required Material	Recommended
Date	Date			Online Material
4/14/19		Pathophysiology Pre-Assessment	ECITS	ECITS Online LMS
				Case Studies
				Ch. 8,9
		LMS Learning Modules		<u>Flashcards</u>
	5/10/19		Pgs. 229-469	Ch. 8,9
	5/10/19	Pathophysiology; Part 2		<u>Focus Slides</u> Ch.
				8,9
				Ebook Quiz Ch.
				8,9
		Pathophysiology / A&P Case Studies (3)		
5/11/18	5/18/19	Student Activities; Acid-Base Review		
		Matching Review Exercise		
5/19/18	5/26/19	Pathophysiology; End of Module Examination	100 questions	
3/19/10	3/20/19		Passing grade: 80%	
		END OF MODULE		



### **Module 3-Airway/Respiratory Emergencies**

Start	End	Activities		
Date Date	Date	Acuvines		
Date	Date		equired	Recommended
			<b>Iaterial</b>	Online Materials
5/27/19		Airway / Respiratory Emergencies Pre- Assessment	ECITS	ECITS Online LMS
		LMS Learning Modules Airway Management, Respiratory, Ventilation Chest Tube Module	Pgs. 771-890	Case Studies Ch. 15 Flashcards Ch. 15 Focus Slides Ch. 15 Ebook Quiz Ch. 15
		Airway Case Studies Student Activities; Matching Exercise View: Airway Care Video Library		
	6/8/19	Airway; Quiz 1	Passing Grade 100 %	
6/9/19		LMS Learning Modules Respiratory Emergencies	Pgs. 903-952	Case Studies Ch. 16 Flashcards Ch. 16 Focus Slides Ch. 16 Ebook Quiz Ch. 16 Virtual Ride-Along COPD Respiratory Distress Difficulty Breathing Simulations Respiratory Distress
		Case Studies		
		Student Activities		
	6/23/19	Quiz 2; Respiratory Emergencies	Passing Grade 100 %	
6/24/19	6/30/19	Airway Care/Respiratory Examination Prep	Passing Grade: 80 %	<u>Test Prep</u> Airway and Breathing
7/1/19	7/11/19	FISDAP End of Module Examination	Passing Grade: 70%	_
		END OF MODULE		
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### **Module 4-Cardiovascular Emergencies**



Start	End	Activities	Required Material	Recommended
Date	Date			Online Material
7/12/19		Cardiovascular Emergencies Pre-Assessment	ECITS	ECITS Online LMS
		LMS Learning Modules Cardiovascular Emergencies	Pgs. 959-1022 Pgs. 1038-1068	Case Studies Ch. 17 Flashcards Ch. 17 Focus Slides Ch. 17 Ebook Quiz Ch. 17 Virtual Ride-Along Cardiac Arrest Simulations Chest Pain
	7/20/19	Quiz 1: Cardiovascular Emergencies	Passing Grade: 100 %	
7/21/19		12 Lead ECG Module Review: 12 Lead ECG; The Art of Interpretation	Pgs. 1023-1025	
	7/27/19	Quiz 2: 12 Lead ECG	Passing Grade: 100 %	
7/28/28	8/4/19	Case Studies Student Activities Cardiovascular Examination Prep	Passing Grade: 80 %	<u>Test Prep</u> Cardiology
8/5/19	8/10/19	FISDAP End of Module Examination	Passing Grade: 70%	
		END OF MODULE		

# **Module 5-Medical Emergencies**

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Start	End	Activities	Required Material	Recommended			
Date	Date	Activities		Material			
8/11/19		Medical Emergencies Pre-Assessment	ECITS	ECITS Online LMS			
		LMS Learning Modules; Medical Part 1 Neurological Emergencies Endocrine Emergencies Abdominal & Gastrointestinal Emergencies	Pgs. 1079-1133 Pgs. 1257-1287 Pgs. 1169-1207	Case Studies Ch. 18,20,23 Flashcards Ch. 8,20,23 Focus Slides Ch. 18,20,23 Ebook Quiz Ch. 18,20,23 Virtual Ride-Along Seizure Altered Mental Status Simulations Seizure Altered Mental Status			
	8/23/19	Medical Emergencies; Quiz 1	Passing Grade 100 %				
8/24/19		LMS Learning Modules; Medical Part 2 Hematological Emergencies Psychological Emergencies Toxicology	Pgs. 1293-1311 Pgs. 1451-1485 Pgs. 1397-1445	Case Studies Ch. 24,27,28 Flashcards Ch. 24,27,28 Focus Slides Ch. 24,27,28 Ebook Quiz Ch. 24,27,28 Virtual Ride-Along Psychiatric Emergency Attempted Suicide			
	9/1/19	Medical Emergencies; Quiz 2	Passing Grade 100 %				
9/2/19		LMS Learning Modules; Medical Part 3 Urology Emergencies of the HEENT Non-Traumatic Musculoskeletal Disorders Shock and Resuscitation	Pgs. 1213-1233 Pgs. 1139-1165 Pgs. 1878-1882 Pgs. 1981-2018	Case Studies Ch. 19,21,40 Flashcards Ch. 19,21,40 Focus Slides Ch. 19,21,40 Ebook Quiz Ch. 19,21,40			
	9/13/19	Medical Emergencies; Quiz 3	Passing Grade 100 %				
9/14/19	9/22/19	Medical Emergencies Student Activities Case Studies Medical Emergencies Examination Prep	Passing Grade 80 %	<u>Test Prep</u> Medical			
9/23/19	10/3/19	FISDAP End of Module Examination	Passing Grade				
J. 20117		END OF MODULE					

### **Module 6-Special Patient Populations**



Start Date	End Date	Activities	Required Material	Recommended Online Material
10/4/19		Special Populations Pre-Assessment	ECITS	ECITS Online LMS
	10/13/19	LMS Learning Modules; Obstetrical Emergencies Emergencies and care of the Neonate Patients with Special Challenges	Pgs. 2025-2062 Pgs. 2069-2107 Pgs. 2115-2244 Pgs. 2249-2294	Case Studies Ch. 41,42,43,44,45 Flashcards Ch. 41,42,43,44,45 Focus Slides Ch. 41,42,43,44,45 Ebook Quiz Ch. 41,42,43,44,45 Virtual Ride-Along Weakness Fall in Apartment Simulations Weakness Geriatric Fall Geriatric AMS
10/14/19	10/20/19	Special Populations; Student Activities Case Studies		
10/21/19	10/26/19	Special Populations Examination Prep	Passing Grade 80%	Test Prep Obstetrics & Pediatrics
10/27/19	11/2/19	FISDAP End of Module Examination	Passing Grade: 70%	
		END OF MODULE		

### **Module 7-Trauma**



Start	End	Activities	Required Material	Recommended
Date	Date			Online Material
11/3/19		Trauma Pre-Assessment	ECITS	ECITS Online LMS
		LMS Learning Modules Overview of Trauma Chest Trauma Orthopedic Trauma Abdominal & Genitourinary Trauma	Pages 1581-1623	Case Studies Ch. 29,35,36,37 Flashcards Ch. 29,35,36,37 Focus Slides Ch. 29,35,36,37 Ebook Quiz Ch. 29,35,36,37 Virtual Ride-Along Motorcycle Crash Assault Simulations Motorcycle Collision
	11/12/19	Trauma: Quiz 1	Passing Grade: 100%	
11/13/19		LMS Learning Modules Nervous System Trauma Head, Face, Neck, & Spine Trauma Special Considerations in Trauma Multi-Systems Trauma	Pages 1887-1932	Case Studies Ch. 30,31,32,33,34,38  Flashcards Ch. 30,31,32,33,34,38  Focus Slides Ch. 30,31,32,33,34,38  Ebook Quiz Ch. 30,31,32,33,34,38  Virtual Ride-Along Pediatric Trauma
	11/22/19	Trauma: Quiz 2	Passing Grade: 100%	
11/23/19	12/1/19	Case Studies Student Activities Trauma Prep Examination	Passing Grade 80%	<u><b>Test Prep</b></u> Trauma
12/2/19	12/7/19	FISDAP End of Module Examination	Passing Grade: 70%	
		END OF MODULE		



### **Module 8-Comprehensive Final Examination Prep**

Start	End	Activities	Required Material	Recommended
Date	Date			Material
12/8/19	12/13/19	FISDAP Comprehensive Final Examination Review	Self-Study	Test Prep All Subjects Complete Assessment Test
12/14/19	12/20/19	FISDAP End of Course Comprehensive Final Examination	Passing Grade: 70%	
		END OF Didactic Portion of the Program		
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All required Reading is from Nancy Caroline's Emergency Care in the Streets, 8<sup>th</sup> Edition (ECITS). All recommended online material is on the JB Learning Navigate 2 Platform for Nancy Caroline's Emergency Care in the Streets, 8<sup>th</sup> Edition. Use of the JB Learning LMS systems to support the primary bridge material is strongly recommended and encouraged.

Module 9; Practical Skills Component, Skills Practice, New York State PSE

\* To be completed at a Local Course Sponsor \*

Module 10; New York State Paramedic Certification Examination

\* To be completed at a Regional Testing Center \*