

Title of Course: Bridge to Fourth Year Boot Camp

Elective Year(s): M4

Department: Department of Medical Education

Type of Elective: Clinical X Non-Clinical/Research _____ Basic Science _____

Clerkship Site: University of Toledo Health Science Campus

Course Number: COML 795

Course Offering: Spring Term

Number of Students/
Block: Mandatory for entire M4 Class

Faculty: Various College of Medicine Faculty

Course Description/
Requirements: This course will prepare the fourth year medical student for acting internships (AI) and residency through activities that cover diagnostic reasoning skills, clinical skills, and technical skills. Students will be provided with the core competencies that an intern resident will need to begin an evaluation and assessment on Day One of their residency regardless of specialty. Students will be equipped with the necessary skills to mitigate difficulties transitioning into intern year of residency.

Length of Course: Two weeks

Links to Core
Competencies: Educational Course Objectives:
At the end of the course, the student will be able to:

MK-1 Discuss the indications and contraindications of placing an ultrasound-guided central venous catheter and identify the correct anatomical vessels and structures for insertion and simulate collection of blood sample from a vessel.

PC-6 Demonstrate ability to control hemorrhage.

PC-7, PC-8 Describe the equipment needed for endotracheal intubation and complete an intubation.

PC-7, PC-8 Describe the equipment for basic orthopedic extremity splinting and apply a splint.

PC-6, PC-7, PC-8 Use and operate the basic functions of a bedside ultrasound machine. Become familiar with knobology, probe selection, and ultrasound machine settings to optimize image quality for utilization of venous access.

In the setting of being on call in the hospital, student receives a call from a nurse and should be able to:

MK-1, MK-5, PC-6, PC-9 Assist and address an unresponsive patient with airway, breathing, and circulation support (BLS)

MK-1, MK-5, PC-6, PC-9 Formulate a plan as a first responder to an unresponsive patient and initiate advanced life support measures.

MK-1, MK-5, PB-5, PBL-7	Establish and develop the right attitude and mindset in addressing and performing necessary procedures and interventions during a medical resuscitation.
IPC-1, IPC-2, PC-11	Show the ability to make a decision both independently and with team members assisting the resuscitation.
	<i>After completion of the Step 2 Clinical Skills practice session, the student will be able to:</i>
MK-14, MK-16, PB-1, PB-5, IPC-1	Establish a rapport with new patients
MK-1, PC-1, PC-2, PC-3, PC-4, PB-5, IPC-3	Take problem-focused patient histories and mental & physical exam
MK-3, MK-4, PBL-7	Formulate a relevant patient problem list
MK-3, MK-4, PBL-7	Formulate a differential diagnosis
MK-2, MK-3, MK-5, PBL-7	Demonstrate clinical reasoning and problem identification
MK-2, PC-8	Demonstrate competency in ordering clinical testing, procedures, and clinical information management.
Professionalism:	Students will meet or exceed the institutional standards for professionalism as stated in the <i>Professionalism and Related Standards of Conduct</i> policy.
Instructional Methods:	1- Mentored clinical simulation 2- Mentored technical skills practice 3- Step 2 Clinical Skills encounter
Evaluation Methods:	1- Attendance 2- Performance in simulation sessions with accompanying feedback 3- Successful completion of assigned technical skills 4- Faculty observation and assessment of clinical skills 5- End of course assessment
	Students will be provided with an NBME self-assessment voucher prior to taking USMLE Step 2 CK. This voucher may be used at the student's discretion, prior to deadline provided.
Prerequisites:	Successful completion of required clerkships.
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