

# FOUNDATIONS OF EMERGENCY MEDICINE

## A FREE OPEN-ACCESS EMERGENCY MEDICINE CURRICULUM



### MISSION STATEMENT:

*To create a free, open-access, comprehensive Emergency Medicine curriculum that will serve as the educational gold standard within our specialty.*

## THE FOUNDATIONS APPROACH TO CORE CONTENT

### Flipped Classroom

Adult learners review high-yield, carefully curated asynchronous resources that lay a groundwork of core content; classroom time is reserved for active case-based application of knowledge in a small group setting.

### Learning Pathways

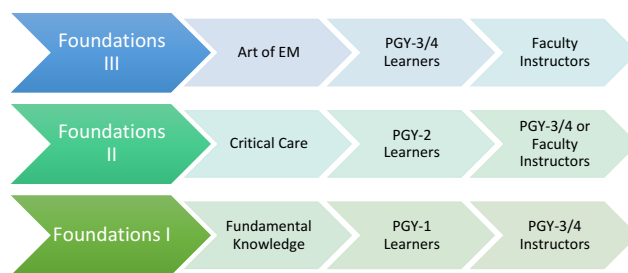
Learners access asynchronous content through the Foundations website and have the option to use a traditional textbook, a high-yield text reference or multimedia resources.

### Comfortable and Collaborative Learning Environment

Small group oral boards style cases led by senior resident or faculty instructors are used as a tool for collaborative learning and simulation of the true clinical environment; cases are followed by curated learning points.

### Differentiated Learning

Learner-friendly approaches not only cater to various learning styles with Learning Pathways, but also to different level learners; PGY-1s review fundamental knowledge in Foundations I, PGY-2/3s are challenged by more advanced topics in Foundations II, and PGY-3/4s solidify their knowledge with Foundations III and in the role of resident teachers.



### Portability and Open Access

The course website allows open access to all interested sites and provides guidelines for implementation, course management, and up to date curricular materials.

## FOUNDATIONS EVENTS AT CORD

### Monday 4/1

9:45am- New Programs didactic "Pearls and Pitfalls of Foundations Implementation"  
5-6:30pm- poster presentations Foundations Residents as Teachers and Foundations EKG

### Foundations Office Hours

To meet members of our Leadership Team and discuss Foundations implementation, visit our website and click "Foundations at CORD" for times and locations.

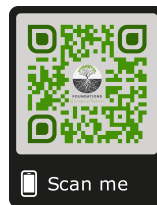
**Sunday 3/31 and Tuesday 4/2** are open for individual meetings with interested sites.

**For more details and full website access, please visit our website [www.FoundationsEM.com](http://www.FoundationsEM.com) and click "Interest Form". For additional questions, contact our Communications Director- Chelsea Harrison at [Chelsea@FoundationsEM.com](mailto:Chelsea@FoundationsEM.com)**



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[WWW.FOUNDATIONSEM.COM](http://WWW.FOUNDATIONSEM.COM)



## 2019-2020 Course Descriptions

### Foundations I

Longitudinal flipped classroom course targeting PGY-1 learners that provides a systems-based review of fundamental knowledge and can't miss diagnoses within the EM Model. Learning Pathways provide content for asynchronous review prior to 30 classroom meetings (50 min) where 3 small group oral boards style cases are discussed with focused teaching points. Coordinated Rosh Review exams after each meeting reinforce weekly content and aid resident assessment. (*\*3 small group instructors preferred*)

### Foundations II

Advanced curriculum targeting PGY-2/3 learners that mirrors Foundations I but includes more complex diagnoses and critical care management. This course includes 30 classroom meetings (50 min) where 2 small group oral boards style cases are discussed with focused teaching points. (*\*2 or 4 small group instructors preferred*)

### Foundations III

Advanced curriculum targeting PGY-3/4 learners with a focus on the "Art of Emergency Medicine". F3 covers topics that are crucial to daily EM practice but have traditionally been neglected within resident education (e.g., billing and coding, medicolegal pitfalls, decision-making capacity, wellness, etc.). This course includes 30 classroom meetings (50 min) led by a single instructor, including topic discussion and breakout activities. Suggested paired asynchronous content is available for reference.

### EKG I

Fundamental skills course targeting PGY-1 learners, divided into 24 sessions with 6 units of core content review and associated challenge EKGs. EKGs are paired with asynchronous EKG blog posts for more in-depth topic review. This may be implemented longitudinally with 24 sessions each requiring 15-20 min of classroom time or workshop-style by unit requiring 6 hour-long meetings. All are led by a single instructor.

### EKG II

Advanced curriculum targeting PGY-2/3 learners that mirrors EKG I in approach, length and structure but includes more complex EKG concepts and challenges.

### Imaging I

Fundamental skills curriculum targeting PGY-1/2 learners with a focus on core image interpretation skills relevant to daily clinical practice. This course contains 16 classroom meetings (50 min) led by a single instructor, including topic discussion and breakout activities.

### Foundations Frameworks

The Frameworks curriculum targets PGY-1/2 learners and aims to equip EM learners with cognitive scaffolding to efficiently work up and care for undifferentiated patients (e.g., "Approach to AMS", "Approach to Stroke", "Approach to Syncope", etc.). These may be used in the classroom setting or for on-shift teaching.

### In-Training Exam Review Resources

The Comprehensive Board Review Resource is composed of challenge questions and answers divided by and including all systems. A classroom review session may be hosted using this resource or learners may use it independently. The ITE High Yield Topics Presentations are lecture based interactive games with a focus on Cards, Trauma, GI, Peds, Pulm, Tox, Neuro, ID & Geriatrics. Each system may be reviewed in a 30-60 min classroom session, providing up to 8 hours of conference ITE review content.

