



WAYNE STATE

School of Medicine

Course Name

MD3_7950_2404_001 Spring Med 2024 Clinical Reasoning Integrating Skills and Practice

Course Dates:

Students are *required* to register in **2024 – 25** quarters. Enrollment reflects four, three-month long terms within the course according to the following:

Spring April 1, 2024 – June 21, 2024

Summer July 1, 2024 – September 20, 2024

Fall September 30, 2024 – December 20, 2024

Winter January 6, 2025 – March 28, 2025

Course Format longitudinal

Instructional Team

Course Director Chih Chuang, MD

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All office hours are made by arrangement.

Course Description

CRISP (Clinical Reasoning Integration of Skills & Practice) is a yearlong, longitudinal course for WSU Segment 3 students designed to advance skills in areas common to all specialties. As an integral part of the four-year Highways to Excellence clinical program, students are prepped in various ways to feel confident in completing the Shelf/STEP 2 Exam.

In CRISP, students will have sessions on clinical reasoning, interprofessional health care, continuation of ultrasound curriculum in the clinical setting (including capturing and interpreting images), leadership, career planning, wellness and other topics that help unify the core curriculum. Students will also gain experience reading EKGs and radiographs, palliative care, and working in teams.

Course Goals

This course is designed to enable a WSUSOM student to enter Segment 4 training prepared for continued learning in many areas common to all medical practice and practice in a professional, ethical, socially responsible fashion with the skills and knowledge best introduced in the post-clerkship setting.

Course Objectives

1. Demonstrate knowledge and competency in areas common to all specialties of medical practice, including patient care skills, professional practice, professional identity formation, ethics and end of life issues, advanced communication, and lifelong learning.
2. Demonstrate implementation of resilience and grit in clinical practice.
3. Use appropriate medical applications to support patient care.
4. Identify the elements of breaking bad news.
5. Reflect on ways to improve interdisciplinary teamwork.
6. Identify effective ways to improve time management and organizational skills and identify how you can implement these in your practice.
7. Exercise Professionalism Principles during clerkship rotations.
8. Apply your knowledge of controlled substance misuse when interacting with patients.
9. Using self-reflection, identify and implement activities to support self-care and wellness.
10. Recognize EKG patterns in different disease states.
11. Capture Ultrasound images of the cardiovascular, abdominal, and musculoskeletal systems.
12. Identify abnormalities in radiographs.

Course Structure

The structure of this course is fluid due to the changing environment. A majority will be delivered virtually with the assistance of multiple collaborators across hospital systems as well as faculty, residents, and senior medical students. You will have clerkships at your respective site rotating throughout the year, for the following length of time:


Four-Week Clerkships: Family Medicine, Psychiatry, and Neurology

Six-Week Clerkships: Pediatrics and OB/GYN

12-Week Clerkships: Surgery and Internal Medicine

For more information on the Segment Three Clerkship Phase, click [here](#)

This course meets the following WSU SOM Institutional competence

1. **EPA 1, 3, 13: KP1:** Demonstrate an investigatory and analytical approach to clinical situations
2. **EPA 2, 7: KP3:** Apply established and emerging principles of clinical sciences to diagnostic and therapeutic decision making, clinical problem solving, and other aspects of evidence-based health care.
3. **EPA 10, 12: PC1:** Perform routine technical procedures specified by the medical school and  **WAYNE STATE** clerkship.
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4. **EPA 10, 11: PC 3:** Apply the concepts and principles of patient safety science in the delivery of clinical care.
5. **EPA 2, 3, 5, 10: PC 4A:** Apply laboratory and imaging methods in identifying diseases or health problems. **PC 4B:** Interpret laboratory data, imaging studies, and other tests required for the area of practice.
6. **EPS 2, 4, 6, 7: PBLI 1:** Recognize personal educational needs and to select and utilize appropriate resources to optimize learning. **PBLI 2:** Set learning and improvement goals.
7. **EPA 8: PBLI 5:** Incorporate feedback into daily practice.
8. **EPA 8, 9: ISC 3:** The ability to work cooperatively with other health care workers in the delivery of health care.
9. **EPA 12: P 6:** Demonstrate a commitment to ethical principles pertaining to provision or withholding of care, confidentiality, informed consent, and business practices, including compliance with relevant laws, policies and regulations.
10. **EPA 9: IPC 3:** Communicate with other health professionals in a responsive and responsible manner that supports the maintenance of health and the treatment of disease in individual patients and populations.
11. **PPD 2:** Demonstrate healthy coping mechanisms to respond to stress.
12. **PPD 3:** Manage conflict between personal and professional responsibilities.
13. **EPA 6, 11, 12: PPD 7:** Demonstrate self-confidence that puts patients, families, and members of the healthcare team at ease.

Course Assignments

Visit Canvas *regularly* to stay abreast of official due dates & changes made to the curriculum or schedule.

CRISP Sessions: You are required to attend all *mandatory* CRISP sessions. There are 16 sessions total, which prepare you for your clerkship(s). You will be excused from clerkship on the afternoon(s) CRISP is held. To view the CRISP schedule, [click here](#).

Clerkship Quizzes/Shelf Exam Prep/Reading Modules/Assignments/Discussion: In each clerkship, you are required to complete assigned quizzes, modules, and assignments related to your current clerkship. Under the modules tab on Canvas, find your current clerkship and complete the requirements by **the end of the week, Friday at 11:59pm**. Each time you enter a new clerkship, you are required to complete the requirements.

Radiology Sessions/Quizzes: Throughout the year, there will be six radiology presentations given during CRISP. After each session, a quiz will open for you to complete. The quiz is due within a week of the session being presented.

Clinical Decision Report: The purpose of writing a Clinical Decision Report for the Journal of Team Hippocrates is to gain experience with evidence-based medicine, primary literature review & scientific writing, and potentially get a publication for your residency application. The Clinical Decision Report is about how to make a clinical decision for a specific patient, using primary literature from clinical trials and applying it to the patient considering their unique clinical social context. In this manuscript, you will introduce a clinical question using a specific patient you follow on your rotation, then attempt to answer your question in the report by surveying the primary literature and apprising one paper that best fits your clinical scenario. Your report



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will be due at the **end of your first 12-week clerkship** (whether it's Surgery or Internal Medicine). The official due date is **June 29, 2024, and September 28, 2024**. Half of the class will submit in **July**, while the other half will submit in **September**.

Coach Program: The WSUSOM clerkship coach program aims to support medical student growth and professional identity formation throughout the M3 segment (core clerkships). Clinical coaches will ensure an inclusive learning environment to guide student advancement through guided reflection on clinical performance and feedback; identifying and achieving learning goals; fostering habits of continuousness reflection & professional identity formation, goal setting, and wellbeing.

You are required to meet with your assigned coach once per clerkship and complete the follow up assignment, located on Canvas

EKG Curriculum: Each term, you will practice reading and interpreting EKG's. The curriculum includes 13 modules from the EKG.Academy website. After completing all the modules, you will take a comprehensive quiz, serving as your final grade. There are also optional self-study practice quizzes provided in the module.

Mid-Year Reflection: In this course, several topics will be covered. You will reflect on the knowledge you have acquired through your clerkship experience from the beginning to the mid-point of the year.

Mid-Year Career Planning: At the mid-point of the year, you will reflect on a previous assignment and compare it to the experiences you've had in your clerkship. Assessing your initial thoughts, you will reflect on the career choices you made at the beginning of the year to where you are now.

Course Grading

CRISP is a pass/fail course, meaning a satisfactory (S) or unsatisfactory (I) grade for the course will be determined on the timely completion of the required activities.

Course Specific Information and Policies

https://www.med.wayne.edu/studentaffairs/pdfs/md_handbook_and_policy.pdf

Student Handbook: The official School of Medicine handbook can be found [here](#), with policies & procedures [here](#). This course syllabus may modify certain policies described in Student Handbook to clarify specific expectations.

Professionalism Expectation: As physicians-in-training, students are expected to demonstrate professional behavior in all community, educational, and clinical settings. Non-adherence to policies and procedures will result in professionalism citations. Multiple citations may result in referral to the WSI SOM Professionalism Committee. Students who have any professionalism citations will not be considered for commendations/honors even if they meet the grading requirements. Refer to the Student Handbook for more information.

Attendance Policy: Attendance is mandatory and will be monitored. Students are expected to maintain an excellent attendance record throughout the duration of their enrollment in the course, attend all clinical activities, teaching conferences, lectures, examinations, CRISP sessions, ect., and report to their respective sites daily.



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Clinical responsibilities will sometimes require that students be present on holidays, nights, and weekends. In addition, students may be required to be present at times that conflict with family events and other personal obligations and preferences. All WSUSOM institutional holidays are observed from 5 pm the day before to 5 pm the day of the holiday to accommodate clinical call schedules in the M3 year. Students may be expected to report to clinical duties at 5 pm on the day of the institutional holidays.

The authority to grant or deny an excused absence is the responsibility of the Associate Dean for Student Affairs, and by delegation to the student's counselor. An excused absence does not mean that a student is excused from an activity (examinations and other required activities), but rather the student will be allowed to make-up the activity. Excused absences are granted on the day of the activity and are based upon an unforeseen circumstance preventing the student from participating. All excused absences require appropriate documentation.

Students may take one wellness day each quarter (maximum of four during the clerkship year). Our aim with this policy is to **increase autonomy** for **personal well-being**, while maintaining **professional accountability** as you progress through your medical training. [Click here](#) to view more information and submission form. There are four wellness days given throughout the year at your discretion.

Webcam Policy: Webcams should be turned on in all virtual workshops. Students may be required to submit a screenshot for documentation of attendance.

Communication Expectations: Emails and Canvas announcements are the primary means of communication. Course updates will be posted as Canvas announcements as needed. Ensure your notification settings are ON to receive vital updated information on time.

Technical Support: If you need assistance with a technical issue, reach out to mededsupport@med.wayne.edu

Wayne State University of Medicine-Competencies and Institutional Objectives: The WSU SOM has established a comprehensive set of competencies and institutional objectives to prepare students for practicing medicine in the 21st century. [To view the summary of general competencies and institutional learning objectives.](#)

Student Copyright Notice: Some or all the material contained on Canvas is protected by Copyright.

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