

**Rocky Vista University
Course Syllabus**

Course Name:	Internal Medicine Core I & Internal Medicine Core II
Class of/Semester/Year:	2021/ OM V & VI /2019-20
Course Code:	INT 3001 and INT 3002
Dates:	July 15, 2019 –June 19, 2020
Credit Hours:	8
Examination(s):	NBME Internal Medicine subject examination Preceptor Evaluation
Location(s):	Internal Medicine Clinical Sites
Course Director:	Amy Lannigan, MD, FACP, FAAP Internal Medicine Clerkship Director

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Course Description

The internal medicine clerkship serves as a focal point of third-year education. It is the backbone of training in medicine, and during this rotation, the student will experience the breadth and diversity of disease. Students learn both the science and the art of medicine and how the two complement each other. Students will expand history and physical diagnosis skills, develop the ability to prioritize patient problems and generate a differential diagnosis, and implement patient management strategies and observe their effects. Internal medicine involves problem-solving, finding all the pieces of the puzzle and putting them together in a way that makes a coherent picture. It is also an opportunity to view the patient as a whole, to understand how a disease impacts not only on the patient's health, but also on his or her emotional and social well-being. Prerequisite: successful completion of all pre-clinical (Year 1 and Year 2) coursework and passing score on COMLEX Level 1.

Course Faculty

Amy Lannigan, MD, FACP, FAAP
Credentialed Adjunct Clinical Faculty (Preceptors)

Course Requirements

All students must attend required didactics session.

All students must take the NBME Medicine subject examination.

All students must complete an evaluation of the clinical externship at the end of each rotation in the New Innovations online platform.

Grading Information

Final course grade is determined from the Faculty Evaluation of Medical Student Performance *and* the score on the corresponding NBME subject examination. Transcript designations are:

P: Pass H: Honors F: Failure Px: Pass with Remediation

Honors criteria:

- No "Needs improvement" assessments from the Faculty Evaluation
- 75th percentile or greater on the NBME subject examination
- Give an oral case presentation with a short didactic portion, obtaining a score of Good, Very Good or Excellent
- Active participation in at least 50% of didactic sessions attended

The NBME subject examination is a key component of the course grade and is administered toward the end of the externship. Students must score in the 10th percentile or greater to pass the externship course. Students who do not achieve the 10th percentile will be required to remediate the examination. Three failures to achieve the 10th percentile will result in failure of the course and the student must repeat the entire core clinical externship.

Students who receive five or more “Needs Improvement” assessments from the preceptor evaluation will have the opportunity to mitigate prior to a failing grade being issued. Mitigation will be arranged by the Department of Clinical Education and tailored to the identified problems during the rotation. Unsuccessful mitigation will result in failure of the course. The failed externship course will be remediated at a clinical training site assigned by the Department of Clinical Education. Successful remediation will result in a course grade of Px. Unsuccessful remediation will result in a course failure.

Attendance Policy

Attendance is required for the following:

- Clinical training days at the direction of the Preceptor
- Didactic educational sessions
- End of externship subject examination

Excused absences must be obtained in advance, except in the case of an emergency. Any student who misses a required clinical externship day without approval will be in violation of professional conduct and will face disciplinary measure. Any student who misses a required didactic session without approval will receive a zero for that session with no make-up opportunity. Any student who misses the subject examination will receive a zero but will be allowed to remediate and receive a grade of Px if successful in the examination.

Professional Conduct Policy

Students are expected to adhere to the highest level of professional conduct at all times. Students will always treat *all* employees of Rocky Vista University and those in clinical training sites with respect and courtesy. Students will demonstrate ethically responsible behavior; act honestly and with integrity to patients, their representatives, faculty/preceptors and coworkers. Students will preserve confidentiality and not discuss patients in public places or with unauthorized persons. No documents with patient-identifying information will leave the clinical setting. Compliance with all institutional regulations, state and federal HIPAA laws is expected. Dishonesty, blatant unethical conduct, sexual misconduct, or other unprofessional behavior will result in disciplinary action at the discretion of the Associate Dean of Clinical Education, who may convene a panel for a hearing. Final action may result in dismissal from RVU. The student has the right to appeal the dismissal to the Dean.

Required Learning Resources

1. Benjamin, I. J., Griggs, R. C., Wing, E. J. & Fitz, J. G. (2016). [*Andreoli and Carpenter's Cecil essentials of medicine \(9th ed.\)*](#). Philadelphia, PA: Saunders.
2. Kasper, D., Fauci, A., Hauser, S., Longo, D., Jameson, J. L. & Loscalzo, J. (2018). [*Harrison's principles of internal medicine \(20th ed.\)*](#). New York, NY: McGraw Hill.
3. Kaufman, M., Stead, L. & Rusovici, A. (2010). [*First aid for the medical clerkship \(3rd ed.\)*](#). New York, NY: McGraw Hill.
4. Course Guide for Internal Medicine (Available in New Innovations.)

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Course Objectives

Based on the NBME Subject Examination Content Outline

Each student will be able to:

- Obtain, document, and present an age-appropriate history and physical exam.
- Understand general types of preventive health care issues that should be addressed on a routine basis in adult patients, including screening tests, immunizations, and risk factor management.
- Generate a prioritized differential diagnosis using specific history, physical exam, and laboratory findings identified.
- Demonstrate the ability to give an oral case presentation for a new inpatient or outpatient case, and for a follow-up inpatient or outpatient case.
- Interpret specific diagnostic tests and procedures for patients who present with common symptoms and diagnoses encountered in the practice of internal medicine.
- Know the etiologies, clinical features, clinical course, appropriate diagnostic testing, and basic treatment of common disorders in the following systems:
 - Immune system
 - Hematologic system
 - Nervous system
 - Skin & subcutaneous tissue
 - Musculoskeletal system
 - Cardiovascular system
 - Respiratory system
 - Gastrointestinal system
 - Renal & urinary system
 - Female reproductive system
 - Male reproductive system
 - Endocrine system
- Outline an approach to multisystem processes and disorders.
- Understand key illnesses and their presentations in the elderly, common geriatric symptoms and conditions, and basic treatment plans in the elderly.
- Demonstrate appropriate communication and interpersonal skills.

Competencies Addressed and Assessed

Core Competencies

1. Osteopathic Principles and Practices
2. Medical Knowledge
3. Patient Care
4. Interpersonal and Communication Skills
5. Professionalism
6. Practice-Based Learning and Improvement
7. Systems-Based Practice
8. Scientific Method

- 9. Self-Directed Learning
- 10. Inter-professional education

Core Entrustable Professional Activities (EPAs)

- EPA 1: Gather a history and perform a physical examination
- EPA 2: Prioritize a differential diagnosis following a clinical encounter
- EPA 3: Recommend and interpret common diagnostic screening tests
- EPA 4: Enter and discuss orders and prescriptions
- EPA 5: Document a clinical encounter in the patient record
- EPA 6: Provide an oral presentation of a clinical encounter
- EPA 7: Form clinical questions and retrieve evidence to advance patient care
- EPA 8: Give or receive a patient handover to transition care responsibility
- EPA 9: Collaborate as a member of an interprofessional team
- EPA 10: Recognize a patient requiring urgent or emergent care and initiate evaluation and management
- EPA 11: Obtain informed consent for tests and/or procedures
- EPA 12: Perform general procedures of a physician
- EPA 13: Identify system failures and contribute to a culture of safety and improvement