I. Patient Care. Students must b	e prepared to provide patient care that is co	ompassionate, appropriate and effective.
	Students will:	
A. Gather essential and accurate information about their patients	 Elicit age-appropriate accurate, focused and complete medical histories that differentiate among etiologies of disease, including: characterization of a symptom: location, severity, character, pattern, radiation temporal sequence: onset, frequency, duration, progression associated symptoms: exacerbating and remitting factors pertinent medical history medications: prescription and supplements family health history social history Perform physical examinations relevant to the chief concern to establish the diagnosis and severity of disease including: correct order and technique identification of findings tailored to special populations 	Preclerkship: Summative Preclerkship Clinical Assessment (History & Physical Score) Clerkship/Advanced Clerkship: EPA 1 (Gather a History and Perform a Physical Examination) Summative Clinical Skills Assessment (data gathering score from each station in the Summative OSCE) Observed Physical Exam RIMEP – Reporter each clerkship
	Students will:	Preclerkship:
B. Synthesize information	Generate a list of the most important	Summative Preclerkship Clinical Assessment
obtained from the patient	and likely causes of symptom,	(Differential Diagnosis)
encounter to generate an	recognizing specific history and	

appropriate differential diagnosis	 physical exam findings that distinguish between potential causes AND Identify components of the patient encounter that are pertinent to the clinical presentation including any abnormal findings. AND Synthesize the information to create a logical differential diagnosis that reflects sound clinical reasoning. 	Clerkship/Advanced Clerkship: EPA 2 (Prioritize a Differential Diagnosis Following a Clinical Encounter) Clerkship RIME-P Interpreter each clerkship Summative Clinical Assessment (post note)
	 Students will: Propose a reasonable and appropriate diagnostic and treatment plan based on the differential diagnosis, justify their strategy and account for patient preference. 	 Clerkship: Clerkship RIME-P – Manager each clerkship USMLE Step 2 CK (Patient Care Sub-competencies)
C. Propose reasonable diagnostic and therapeutic options to address a patient's problem, while accounting for patient needs and wants	 AND Discuss the relative urgency of treating various causes of symptom. AND Describe any medial or surgical management of symptom. Know indications and side effects AND 	 NBME Shelf exams Patient Care Sub-competencies Summative Clinical Assessment (post note) Summative Clinical Assessment (data gathering: closing encounter)
	 Refer for psychological support if indicated AND Plan for follow-up. 	 EPA 4 (Enter and Discuss Orders and Prescriptions) EPA 10 (Recognize a Patient Requiring Urgent or Emergent Care and Initiate Evaluation and Management) Summative Clinical Assessment (oral exam)

	Communicate the diagnosis, treatment plan, and prognosis of the disease to patients and their families in a caring and compassionate manner, reflecting an understanding of the emotional impact of disease and its potential effect on lifestyle AND Provide education for the patient about his or her treatment plan, including counseling related to preventive measures.	 Clerkship RIME-P Educator and Professional each clerkship Empathy and Clarity Rating Scale for Summative Clinical Assessment and Boot Camp Challenging Communication OSCEs EPA 2 (Prioritize a Differential Diagnosis Following a Clinical Encounter)
D. Interpret the results of commonly used laboratory and diagnostic tests and modify the diagnostic and therapeutic strategy to account for new data.	Students will: Interpret common test results. AND Use new data to modify their diagnostic and treatment strategy.	 Preclerkship: MCQ items "Biostats epidemiology/population health interpretation of the medical literature" Clerkship/Advanced Clerkship: Summative Clinical Assessment (diagnostics station) Clerkship RIME-P Interpreter & Manager each clerkship EPA 3 (Recommend and interpret common diagnostic and screening tests) NBME Subject Exams: each clerkship summary annual report Physician Task: Diagnosis and Physician task: health maintenance, pharmacotherapy, intervention & management USMLE Step 2 CK (Patient Care)
E. Demonstrate an investigatory and analytic	Students will: • demonstrate the ability to identify and utilize credible information to	Preclerkship: • Final Physicianship 2 PICO Score

thinking approach to clinical situations	inform clinical diagnoses and decision-making.	Summative Preclerkship Clinical Assessment (EBM Score)
		 Clerkship/Advanced Clerkship: Clerkship RIME-P Educator each clerkship EPA 7 (Form Clinical Questions and Retrieve Evidence to Advance Patient Care)
F. Perform required clinical procedures	 Students will: Perform basic life support and advanced cardiac life support. AND Apply universal precautions. AND Explain the rationale for and perform designated procedures with proper techniques, consideration of patient's rights, and appropriate to the level of training. 	Preclerkship:

II. Medical Knowledge. Students must demonstrate knowledge about established and evolving foundational and clinical biomedical sciences, including epidemiological and social/behavioral sciences, and their application of this knowledge to patient care.

A. Demonstrate knowledge and application of the foundational, clinical and social sciences relevant and appropriate to the clinical

Students will be able to demonstrate and apply knowledge in the following domains:

 the normal anatomic, histologic, and physiologic structure and function relationships of the body and its major organ systems throughout the life cycle.

Preclerkship:

- MCQ items "gross anatomy and embryology" "histology and cell biology"
- M1 Summer Cumulative Exam Discipline Scores
- USMLE Step 1 Behavioral health & nervous systems/special senses, blood &

practice of medicine		lymphoreticular system, cardiovascular system, endocrine system, gastrointestinal system, general principles, immune system, musculoskeletal skin and subcutaneous tissue, renal/urinary system, reproductive system, respiratory system, grow anatomy & embryology, histology & cell biology, MK: applying foundation science concepts
		 Clerkship/Advanced Clerkship: USMLE Step 2 CK blood & lymphoreticular system, cardiovascular system, endocrine system, female reproductive & breast, gastrointestinal system, multisystem processes & disorders, musculoskeletal system/skin and subcutaneous tissue, nervous system & special senses, renal & urinary systems & male reproductive, respiratory system, medicine, obstetrics & gynecology, pediatrics, psychiatry, surgery,
		 NBME Subject Examinations annual report each organ system/topic and physician task: applying foundation science concepts
	the molecular, biochemical, genetic, and cellular mechanisms that are important in the regulation of human health and well-being.	Preclerkship MCQ "general principles of foundational science", "biochemistry and molecular biology", "Human Development and Genetics" M1 Summer Cumulative Exam General principles, Biochemistry, genetics, histology & cell biology, MK applying foundational science concepts

	 USMLE Step 1General Principles, Biochemistry, Genetics, Histology & cell Biology, MK: Applying foundational science concepts
	 Clerkship/Advanced Clerkship: USMLE Step 2 CK - PC Pharmacotherapy interventions & management, multisystem processes and disorders NBME Subject Examinations annual report each organ system/topic and physician task: applying foundation science concepts
pathologic and pathophysiologic mechanisms of disease throughout the life cycle and the most frequent clinical, laboratory, radiographic, and pathologic manifestations of common diseases.	Preclerkship MCQ items "pathology", "physiology", "data interpretation", "laboratory and diagnostic studies" USMLE Step 1 pathology, pharmacology, physiology
	 Clerkship/Advanced Clerkship: USMLE Step 2 CK - PC: pharmacotherapy interventions & management NBME Subject Examinations annual report Physician task: pharmacotherapy, intervention & management and older adult
the molecular and cellular mechanisms of action of commonly used therapeutic including those designed for pain relief along with adverse events of treatment and accepted indications for use.	 MCQ Items "Pharmacology", "Pharmacodynamics and pharmacokinetic process general principles", "mechanisms of drug adverse effects and Toxicology USMLE Step 1 MK applying foundation science concepts, biochemistry, histology & cell biology

	Clerkship/Advanced Clerkship: USMLE Step 2 CK - PC: pharmacotherapy interventions & management NBME Subject Examinations annual report each organ system/topic and physician task: applying foundation science concepts and pharmacotherapy, intervention & management
how nutrition, health behaviors and preventive measures influence health disease in individuals and in popula	th and and disorders", and "Health maintenance and
how the social determinants of and factors such as implicit bias structural racism affect access to delivery of healthcare, and the place doctor relationship including curenvironmental, socioeconomic, financing and healthcare system.	 MCQ items "USMLE: Social Sciences", "Systems based Practice" USMLE Step 1 Communication & interpersonal skills, PBLI: evidence based medicine

		Advanced communication OSCE Social determinants of health
B. Demonstrate knowledge of health maintenance guidelines across the lifespan	Students will: Identify risk factors for illness or injury within the context of the individual, family, work, and the social environment across the life span. AND Identify standardized approaches for changing health behavior AND Describe regimens for health maintenance.	Preclerkship: MCQ items "Social Sciences" Participate in motivational interview small group activity Clerkship/Advanced Clerkship: USMLE Step 2 CK -health maintenance prevention surveillance Family Medicine, Pediatrics, Ob/Gyn clerkships Health maintenance guidelines across the lifespan IRAT
C. Apply medical knowledge in the clinical encounter	Students will: Describe and discuss principal types of pathophysiologic mechanisms for common clinical presentations. AND Describe and discuss the relative likelihood of common causes of symptom and describe the elements of the history and physical examination important in distinguishing among those causes. AND Describe and discuss the indications and the limitations of principal diagnostic studies	 Clerkship/Advanced Clerkship: NBME Subject Examinations (Applying Foundational Science Concepts) Clerkship Presentations: Clerkship RIME-P Interpreter Manager each clerkship

	necessary to differentiate among commo causes of symptom.	n
	•	engage in self-evaluation regarding their academic and clinical w the application of new learning can be used to improve
A. Conduct self-directed learning by assessing their learning needs and utilizing	Students will: Assess their learning needs in basic science and clinical courses. AND Construct learning objectives to address a knowledge gap. AND	Preclerkship: • Self Directed Learning Score from last systems course and h&p
credible sources of information to address clinical questions	 Generate structured questions arising from clinical problems. AND Identify credible sources of information to address their questions. 	Clerkship/Advanced Clerkship: Clerkship RIME-P Interpreter-Manager-Educator each clerkship

	Students will:	
B. Locate, appraise, and assimilate evidence from scientific & clinical studies, including electronic sources and decision support tools, that are related to patient health and the larger population from which these patients are drawn	 Identify the appropriate use of biostatistics, epidemiology and study design or diagnostic screening, risk management, and therapeutic decision-making. AND Systematically appraise and assimilate best evidence about the patients they care for and the larger population of patients with similar clinical conditions. 	 MCQ items "USMLE: Biostatistics, epidemiology, population health, and interpretation of the medical literature" Summative Preclerkship Clinical Assessment PICO Clerkship/Advanced Clerkship: EBM presentations Clerkship RIME P -Educator - EPA 7 (Form Clinical Questions and Retrieve Evidence to Advance Patient Care)
C. Demonstrate strategies to monitor and adjust their learning	Students will: Self-evaluate their professional development across the basic and clinical sciences through reflective practice habits. AND Establish strategies for improvement. AND Employ strategies for seeking, receiving and acting upon feedback.	Preclerkship: Personalized plan for Step 1 study in advance of meeting with Cognitive Skills for feedback Clerkship/Advanced Clerkship: RIMEP-Educator each clerkship Personalized plan for Step 2 study in advance of meeting with Cognitive Skills for feedback

<u> </u>		onstrate interpersonal and communication skills, both verbal and nts' families, peers, and other health professions colleagues.
A. Foster and sustain a	Students will:	Preclerkship:

relationship with patients and families in order to effectively communicate their health care needs and provide emotional support	 Foster a therapeutic relationship with all patients and their families. AND Adapt their communication style to the individual needs of the patient, and the urgencies of the situation. AND Communicate respectfully and demonstrate appropriate ethical interactions. AND 	 Summative Preclerkship Clinical Assessment (Communication Score) Clerkship/Advanced Clerkship: Summative Clinical Assessment Empathy and Clarity Rating Scale Clerkship RIME-P Professional each clerkship (Delivering bad news and Advanced Directive): Empathy and
	Demonstrate sensitivity, honesty and compassion in difficult conversations (e.g., about end-of-life issues; death; adverse events; bad news and other sensitive topics). Students will: Use techniques which foster effective communication. AND	Clarity Rating Scale Preclerkship:
B Utilize appropriate and effective communication strategies in order to: gather and provide health care information to patients and their families; counsel patients in maintaining health; and support effective decision-making	Deliver information with appropriate communication	Summative Preclerkship Clinical Assessment (Communication Score)

	 Communicate effectively with all health care team members and professionals in both clinical and non-clinical settings. 	Preclerkship: • Summative Preclerkship Clinical Assessment (post note) • Summative Preclerkship Clinical Assessment (oral presentation)
C. Communicate effectively with others as members of a health care team, including peers, residents, faculty and other health care professionals in a manner that supports the maintenance of health and the treatment of disease in individual patients and populations		Clerkship/Advanced Clerkship: EPA 5 (Document a Clinical Encounter in the Patient Record) EPA 6 (Provide an Oral Presentation of a Clinical Encounter
	Demonstrate effective communication in patient hand- offs during transitions of care and maintain continuity through follow up on patient progress and outcomes.	EPA 5 (Document a Clinical Encounter in the Patient Record) FPA 8 (Give or Receive a Patient Handover to Transition Care
	Provide concise and accurate verbal and written summaries of all patient encounters, prioritizing the most significant factors for clinical decisionmaking.	Preclerkship:
		 EPA 6 (Provide an Oral Presentation of a Clinical Encounter) Clerkship RIME-P Reporter

V. Professionalism. Students must demonstrate a commitment to carrying out professional responsibilities, adherence to ethical principles, and sensitivity to a diverse patient population.

A. Demonstrate sensitivity and respect in their interactions with others in all forms of communication	Students will not discriminate regardless of race, gender, religion, sexual orientation, age, disability, intelligence and socio-economic status. AND Students will communicate respectfully with peers, staff, faculty and patients in teams.	Preclerkship: Professionalism Grade – physicianship final grade component Summative Preclerkship Clinical Assessment (Communication Score) Bystander and microaggression training Absence of professionalism warning or citation Clerkship/ Advanced Clerkship: Bystander and microaggression training: Clerkship RIME-P Professional each clerkship Absence of professionalism warning or citation
B. Demonstrate integrity in interactions with peers, patients, and other health professionals	Students will engage in truthful interactions in all situations with patients, peers, and in their professional work; obey rules and regulations in all settings.	Preclerkship
		Clerkship/ Advanced Clerkship:Clerkship RIME P-Professional each clerkship

C. Demonstrate accountability to assigned tasks	Students will: Complete assignments in a timely manner. AND Maintain good punctuality and attendance for all scheduled activities. AND Communicate appropriately with regard to their responsibilities. AND Demonstrate initiative in fulfilling responsibilities to patients and others on the health care team.	 Absence of professionalism warning or citation Trustworthiness Scale (truthfulness) Preclerkship Absence of professionalism warnings or citations Trustworthiness Scale (conscientiousness) Clerkship/ Advanced Clerkship: Clerkship RIMEP Professional each clerkship Trustworthiness Scale (conscientiousness) Absence of professionalism warnings or citations
D. Demonstrate a commitment to ethical principles pertaining to health care	Students will: Maintain patient confidentiality. AND Identify the principles of informed consent, and information sharing. AND Recognize the importance of ethical decision making.	Preclerkship: HIPAA Compliance Certificate CITI Certificate MCQ items "Social Sciences", "Research ethics" Clerkship/Advanced Clerkship: HIPAA Compliance Certificate Clerkship RIME-P Professional each clerkship Boot Camp Advanced Communication OSCE: Obtain Informed Consent for Tests and or Procedures

	Students will:	Preclerkship:
E. Recognize and address personal limitations, attributes or behaviors that might influence their effectiveness as a physician	 Seek help when needed. AND Accept constructive criticism and modify behavior based on feedback. AND Maintain responsibility for the physical and mental health of themselves and their peers. AND Admit to errors of omission and 	 Preclerkship: Trustworthiness Scale (discernment) Trustworthiness Scale (truthfulness) Absence of Professionalism warning or citation Clerkship/Advanced Clerkship:
	commission and assume responsibility. AND Inform a supervisor when mistakes	 Absence of Professionalism warning or Citation Trustworthiness Scale (discernment)
	occur. AND Maintain composure during difficult interactions.	Trustworthiness Scale (truthfulness)
		Clerkship RIME-P Professional each clerkship

VI. Systems-Based Practice. Students will be able to function effectively in teams and within a larger organizational structure. They must demonstrate an awareness of the larger context and system of health care and of the resources available within the system to provide optimal care to individual patients and groups. Finally, students must demonstrate awareness of current barriers to health care and of the various strategies designed to assist patients in gaining access to care.

A. Work effectively in various health care settings

work effectively in various types of medical practice and delivery systems (including but not limited to emergent/urgent care facilities, underserved clinics and communities, long-term care facilities and tertiary academic/community hospital

Students will:

Preclerkship:

- TeamSTEPPS® 100% completion
- **Reflections** Experiential Learning Experiences reflect rubric

Clerkship/Advanced Clerkship:

	settings and recognize their role in health care delivery).	Reflection Interprofessional Care – reflect rubric in PCM3
B. Incorporate considerations of resource allocation, cost awareness, and risk-benefit analysis in patient, community, and population-based care	Students will: • Identify the roles of the full healthcare team and their relationship to patient care; Communicate effectively with all members of the healthcare team to advance the care of the patient in the continuum of care; Identify the impact of cost of care and potential barriers to care	Preclerkship: MCQ items "Social Sciences", "Communication and interpersonal skills" AMA Health Systems Science Modules "health care teams," "cost of care," and "continuum of care" Clerkship Clerkship RIME P Manager and Educator each clerkship
C. Advocate for quality patient care and participate in identifying system errors and potential systems solutions to improve patient safety	Students will: • identify and describe the steps to report systems errors in the established reporting system to improve patient safety; identify potential solutions to improve patient-centered care	 Preclerkship: MCQ "patient safety"; AMA Health Systems Science Modules medical error and patient safety: %>= 80% Clerkship/Advanced Clerkship: Boot Camp Patient Safety/Quality Improvement assessment
D. Work collaboratively as members of multi-disciplinary health care teams to provide patient-centered care	Students will: Identify and describe the components of patient centered care in practice environments. AND Interact appropriately with other healthcare team members. AND	Preclerkship: • Reflections Experiential Learning Experiences Clerkship/Advanced Clerkship: • Reflection Interprofessional Care PCM3

	Identify the many roles that health care members have in patient care.	
E. Facilitate the learning of other health care professionals	 Students will: Work collaboratively in small groups AND. Work collaboratively with students and other health care professionals. Appropriately share and elucidate clinical information. 	 Preclerkship: Interprofessional Collaborative Care Plan completed Clerkship/Advanced Clerkship: Clerkship RIME P Educator Professional Interprofessional Collaborative Care Plan from Joining Forces
	Participate in teaching activities.	Peer Teaching 100% completion