Programmatic Level Educational Objectives

SHSU-COM Program Level Educational Elements are based on the AACOM Osteopathic Core Competencies and the SHSU Strategic Plan.

I. Osteopathic Principles and Practices
Upon graduation from SHSU-COM, students will be able to:
   A. Apply the four osteopathic tenets to patient care.
   B. Perform an osteopathic structural exam as part of a physical examination.
   C. Integrate osteopathic manipulative treatment into a patient care plan using the five models of osteopathic medicine.
   D. Utilize osteopathic manipulative treatment (OMT) as part of a treatment plan, either by performing or referral.
   E. Critically appraise medical literature related to osteopathic manipulative medicine.
   F. Value the use of osteopathic manipulative medicine as essential to the care of rural and underserved populations.

II. Medical Knowledge
Upon graduation from SHSU-COM, students will be able to:
   A. Identify foundational biomedical science concepts as they relate to medical conditions in the following systems: musculoskeletal, neurological, motor, cardiovascular, pulmonary, renal, gastrointestinal, endocrine, reproductive, genitourinary, integumentary, hematopoietic, immune, and behavioral (psychiatry).
   B. Demonstrate foundational understanding of cell biology and medical genetics, biochemistry, physiology, pharmacology, immunology, microbiology, biostatistics and epidemiology.
   C. Utilize epidemiological science to identify processes and practices to prevent diseases and improve community health outcomes.
   D. Apply the scientific method when appraising biomedical literature.
   E. Integrate biomedical science with the psychosocial factors that relate to patient conditions.
   F. Utilize ethical and legal practices when conducting research.

III. Patient Care
Upon graduation from SHSU-COM, students will be able to:
   A. Gather a patient history.
   B. Perform a physical examination which includes an osteopathic structural exam.
   C. Create a differential diagnosis for common patient presentations.
   D. Perform, with appropriate supervision, basic clinical procedures, including OMT.
   E. Recognize the distinctions of rural populations as they apply to patient presentations and available prevention, treatment and management options.
   F. Create a patient-centered, management plan that includes other health care and related services as appropriate.
   G. Recommend appropriate diagnostic laboratory and imaging studies.
   H. Integrate health promotion and disease prevention strategies into patient care activities.
   I. Document a clinical encounter.

IV. Interpersonal and Communication Skills
Upon graduation from SHSU-COM, students will be able to:

A. Utilize both physician and patient-centered medical interviewing skills as appropriate.
B. Use appropriate documentation and oral communication when discussing patient care.
C. Use effective communication in all activities, including classroom sessions, peer interactions, and health care activities.
D. Develop communication skills which are applicable for conflict management, negotiation, and leadership.
E. Participate in health-care teams.

V. Professionalism
Upon graduation from SHSU-COM, students will be able to

A. Demonstrate behaviors of respect, compassion, probity, honesty, and trustworthiness.
B. Commit to using ethical principles during all activities, including: classroom activities, patient care activities (including informed consent, and confidentiality), interactions with the community, and scholarly activities.
C. Express awareness of and proper attention to issues of culture, religion, age, gender, sexual orientation, and mental and physical disabilities.
D. Utilize self-care, including principles of physical and psychosocial wellness.
E. Demonstrate life-long learning skills.
F. Demonstrate accountability to patients, society, and the profession, including the duty to act in response to the knowledge of professional behavior of others.
G. Utilize Learning Communities to develop peer, advisor, and mentor relationships which promotes compassion for and understanding of oneself and others.

VI. Practice-Based Learning and Improvement
Upon graduation from SHSU-COM, students will be able to:

A. Apply the scientific method to evaluate biomedical literature for application to patient care.
B. Evaluate the relevance and validity of clinical research.
C. Identify methods that can improve population health, especially rural and/or underserved medical populations.
D. Describe the research continuum that translates scientific discoveries into clinical applications.

VII. Systems-Based Practice
Upon graduation from SHSU-COM, students will be able to:

A. Compare various health care delivery systems including the effect on patient care from the perspectives of health care team members and patients.
B. Identify the impact that various health care delivery systems and services have on patient populations, including rural and medical underserved populations.
C. Collaborate effectively in health care teams, identifying best practices to deliver appropriate patient care.
D. Identify social determinants of health and how health care systems and practices address them.