



College of Osteopathic Medicine  
SAM HOUSTON STATE UNIVERSITY

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**Element 6.2: Programmatic Level Educational Objectives**

- **6.2-1 Supporting Documentation**
  - Programmatic Level Educational Objectives – [link](#)

## 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.