

COURSE TITLES: Fundamentals in Clinical Osteopathic Medicine 1 - OCOM 625
Fundamentals in Clinical Osteopathic Medicine 2 - OCOM 626
Fundamentals in Clinical Osteopathic Medicine 3 - OCOM 627

CREDIT HOURS: 7, 5, 5 credits per quarter, respectively

STAFF:

INSTRUCTOR OF RECORD

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CLINICAL SKILLS LIASON

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CCE LIAISONS

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Other instructors as assigned.

COURSE MEETING TIMES: See class schedule.

COURSE DESCRIPTION:

Fundamentals in Clinical Osteopathic Medicine 1, 2, & 3 are a series of courses devoted to assisting students in developing clinical skills necessary to work towards mastery of the AOA Core Competencies. The focus is on History and Physical (H&P), Osteopathic Manipulative Medicine (OMM) skills and Clinical and Community Experiences (CCE). Integral to all of these areas are psychosocial skills. Other components will guide the student in learning specific psychosocial and psychomotor skills, as well as reinforce the importance of an evidence-based approach to the clinical application in the practice of medicine.

The format of the course incorporates clinical lab sessions, utilizing peers or simulated patients for practice in obtaining history and performing physical examinations. On occasion, learning activities will utilize real patients. Clinical cases in the concurrent Biomedical Sciences course are structured to foster learning objectives that enhance History and Physical exam skills. An ongoing thread in this course is the Problem Oriented Medical Record (POMR) and medical progress notes (“SOAP” notes) tools students need to develop and maintain excellent documentation of clinical encounters.

The OMM lab component for this course is taught to PCC students in conjunction with the students in the CPC curriculum.

Students will be assigned to one or more clinical faculty for 6 four-hour experiences per quarter to be given an opportunity to practice their developing clinical skills. They will also be assigned to community agency preceptors for 2 four-hour experiences per quarter in order to develop an understanding of the roles of non-physician personnel and health care services provided outside the hospital/physician’s office. Objectives and activities for each community agency experience are available on the CCE website.

COURSE GOALS:

The goal for the Fundamentals in Clinical Osteopathic Medicine component is to enable students to perform a complete screening history and physical exam by the end of the spring quarter. This effort requires students to develop a familiarity and certain degree of comfort with the “tools of the trade” (medical instruments), medical history taking, physical examination skills, documentation of the “clinical encounter” and certain procedures (e.g., sterile/clean technique). In addition, the psychosocial aspects of interviewing and patient interaction are integral to all activities. Ultimately, these skills assist the student in making accurate patient assessments and developing plans for treatment. In addition, these skills increase the value of and complement the CCE experiences.

In the OMM components of this course, the student develops an understanding of osteopathic concepts and learns terminology, diagnostic and manipulative procedures. Included in this series of courses are training and practice in psychomotor skills such as palpation and motion testing skills necessary for basic structure/function relationships, and in manipulative treatment procedures.

A web/email dialogue may be utilized to expand on concepts developed in the weekly sessions, fostering discussion of relevant evidence-based clinical issues.

COURSE RESOURCES:

Blackboard Course Web Site: <http://bbsupport.ohio.edu/>

See textbook list at http://www.oucom.ohiou.edu/AcademicAffairs/Home_index.htm

Recommended diagnostic equipment: see equipment list at <http://www.oucom.ohiou.edu/saffairs/2010%20Orientation/2010%20Clinical%20and%20Gross%20Anatomy%20Equipment%20Lists%20Class%20of%202014.pdf>

H&P videodisc materials (in LRC)

STUDENT RESPONSIBILITY:

Critical information concerning course requirements, grading, scheduling and testing are often communicated via e-mail and through the student mail box system. It is every student's

responsibility to check his/her e-mail and mailbox regularly. Students are held responsible for obligations communicated via these systems.

FUNDAMENTALS IN CLINICAL OSTEOPATHIC MEDICINE COURSE DRESS CODE:

With every profession there are expectations. As OU-COM students prepare for life as an osteopathic medical professional, the Clinical Skills Lab Dress Code highlights the extent to which personal appearance is part of those expectations.

For Learning Activities in which students encounter simulated / standardized or real patients, students will maintain an appearance that reflects the professional image of students of the College of Osteopathic Medicine and is suitable for patient encounters. More specifically, this means that

- Photo identification badges and short, white coats must be worn (unless the community agency requests that lab coats not be worn; this information is available on Blackboard, in the CCE portion, under community agency information).
- White coats must be clean, pressed, and in good repair.
- Extremes in apparel, jewelry, and cosmetics will be avoided.
- For males, pressed dress slacks, dress shirt with a collar are appropriate.
- For females, dresses and outfits with blouse and dress slacks or skirt are appropriate. Skirt length should be no shorter than 2 inches above the knee.
- Sleeveless, low-cut, midriff-baring, strapless, see-through, or otherwise revealing clothing is NOT acceptable.
- Closed-toe walking or dress shoes are required. Socks or hose are recommended. Tennis or other exercise-type shoes are NOT acceptable.
- Earrings should be limited to two per ear and not call attention to themselves.
- Facial piercing (eyebrow, lip, etc) is discouraged.
- Use of makeup should be minimal.
- Hair should be neatly groomed. Hair that is shoulder length or longer should be drawn back and secured. Student doctors will refrain from unusual hair styles and colors. Facial hair must be neatly groomed.
- Fingernails should not be visible from the palm side of the hands. The use of nail polish is discouraged.
- Body art and tattoos should not be visible.
- Use of perfumes or colognes is discouraged.
- Hats and head scarves are not appropriate for labs; religious exceptions may be discussed with the Instructor of Record.

For Clinical Skills/OMM Labs in which students examine fellow students, appropriate attire includes

- For males, gym shorts
- For females, gym shorts and halter sports tops or swimsuits that expose the back.
- Hats and head scarves are not appropriate for labs; religious exceptions may be discussed with the Instructor of Record.

Wearing watches and rings is discouraged. Students who do not comply with the dress code will be asked to leave the lab. Exceptions to this requirement may be made on religious or cultural grounds.

REQUIRED EQUIPMENT:

Stethoscopes and diagnostic kits are required for every clinical skills session, unless otherwise notified. Students will **NOT** be admitted to activities without their equipment.

ATTENDANCE:

Students absent from class must seek permission from the Instructor of Record prior to the scheduled class or receive a “U” for the missed activity unless the absence involves an unplanned personal emergency. According to Ohio University Policy, the following absences are the only absences considered as legitimate excused absences: serious illness, death in the immediate family, religious observance, jury duty, and involvement in university-sponsored activities. Prior to making travel arrangements to attend professional activities, students are also required to obtain pre-approval from the Assistant Dean of Pre-Clinical Education, Nicole Wadsworth, DO, FACOEP, FACEP.

Attendance in all Fundamentals in Clinical Osteopathic Medicine labs and all OMM labs is REQUIRED.**OMM Lab Attendance Policy**

OMM Lab is a clinical hands-on experience. It is important that the material taught in the lab is understood by all students who miss lab, whether the absence is excused or unexcused.

One missed lab per quarter

The student will receive a zero on the quiz for the lab missed. The student is still responsible for content. MediaSite Live material is available. Questions can be addressed to OMM faculty and fellows. Written warning for unprofessional behavior will be given when appropriate. (e.g.: missed lab with no notification to OMM Fellows or class liaison).

Two missed labs per quarter

The student will receive a zero on the quizzes for the labs missed. For two unexcused absences additional academic work (to be determined by the OMM section class liaison or instructor of the lab missed) will be required to establish understanding of the material missed. This may include, but is not limited to, a written paper on the topic missed, clinical experience related to the topic, or demonstration of the material missed to the faculty or fellows. The Instructor of Record will determine if additional work is necessary for those students having one excused absence and one non-excused absence. Students missing laboratory for approved absences, see Attendance section, no additional work is required, but they are still responsible for missed content. MediaSite Live material is available. Questions can be addressed to OMM faculty and fellows.

A grade of incomplete will be assigned if work is not completed in the designated time.

Written warning for unprofessional behavior will be given when appropriate. (e.g.: missed lab with no notification to OMM Fellows or class liaison).

Three or more missed labs per quarter

This may result in a failing grade for Fundamentals in Clinical Osteopathic Medicine. A referral will be made to CSP.

Lab Tardiness

Lab begins at 10 minutes after the hour. Quizzes are finished at 15 minutes after the hour. No quizzes will be distributed after the first 5 minutes of class (15 minutes after the hour) and the student will receive a zero for that quiz. Arriving to lab more than 15 minutes after the hour will be considered a tardy and no quiz make up will be allowed. Three tardies will be considered as one absence for the quarter.

Early Leave

Leaving lab before class is dismissed will count as an absence and that day's quiz score will become zero. (Exceptions may be made if permission was granted from a faculty member ahead of time.) Students are not excused early to leave for a CCE.

CCE Assignments and Attendance:

The CCE Administrative Coordinator schedules all CCE's. Medical students will receive a written schedule via email prior to the beginning of each quarter. Students are strongly encouraged to attend their CCE's as scheduled. All CCE's must be completed as outlined above in order to meet graduation requirements. A student wishing to change a scheduled CCE must inform the Administrative Coordinator during the first week of the quarter in advance of the scheduled assignment. If a student fails to attend a CCE, the Instructor of Record will be notified. All missed CCE's must be rescheduled and completed by the end of the quarter; absences that are not made up will result in an Incomplete for the course. The Incomplete will become an F on the student's record if absences are not made up with-in six weeks from the beginning of the next quarter.

EVALUATION:

This course is graded on a pass/fail basis, a grade of 70% required in order to pass. Laboratory-Based Clinical Skills and Laboratory-Based OMM Skills will each comprise half of the total grade, and will be subdivided as follows:

Laboratory-Based Clinical Skills (50% of total grade) - In this portion of the course series, students will learn the essentials of constructing a progress note (i.e., SOAP note), acquire basic skills in the handling of common medical instruments, and acquire the skills necessary for the completion of a physical examination. In some of these labs students will be examining each other. In other labs, students will interview and/or examine standardized patients. In addition, students will interview simulated patients in videotaped patient interview labs. The Final Practical Exams will also utilize simulated patients. Attendance at all sessions of the Fundamentals in Clinical Osteopathic Medicine Courses is mandatory. Appropriate attire for these sessions is described above. Failure to participate in the web/email dialogues may require remediation via a preparation of a paper.

In order to obtain a passing grade, the H&P Components and H&P practical exam must be passed independently of one another with a minimum grade of 70% in each area

20% H&P components (soap notes, psychosocial labs, web/email dialogue, weekly quizzes and tape review)

30% H&P Practical Exam

Laboratory-based OMM Skills (50% of total grade) - In order to obtain a passing grade, the written exam and practical exam must be passed independently of one another.

Students must receive an overall grade of 70% for satisfactory completion of the OMM portion. OMM graded activities will be weighted as follows:

Fall Quarter grading:

- 60% Written exams & quizzes: (a combined score of 70% required to pass)
 - 20% OMM Mid-term Written 20% OMM Final written exam
 - 20% OMM quizzes
- 40% OMM Practicals: (a score of 70% for EACH practical is required to pass)
 - 20% OMM Mid-term Practical
 - 20% OMM Final practical exam

Winter and Spring Quarter grading:

- 60% Written exams & quizzes: (a combined score of 70% required to pass)
 - 40% OMM Final written exam
 - 20% OMM quizzes
- 40% OMM Practical: (a score of 70% is required to pass)
 - 40% OMM Final practical exam

Student performance for each CCE will be evaluated in writing by the preceptor. A raw score of 30 is considered a passing grade for each CCE. Students who score below 30 will be asked to meet with the CCE Program Director or the Assistant Dean Preclinical Education to discuss ways to improve the specific clinical skill(s).

Parameters such as attire and professionalism will be factors in calculating the course grade. Standards of professionalism include respect for the presenter AND fellow classmates. Cell phones, therefore, are NOT permitted inside the OMM lab.

REASSESSMENT:

If there is an unsatisfactory assessment for a session, a student may be required to remediate by repetition of the skill until satisfactory levels of competence are achieved.

All reassessments of written and practical exam will occur by:

Fall Quarter – Wednesday, December 28, 2011

Winter Quarter – Wednesday, June 27, 2012

Spring Quarter – Monday, July 9, 2012

Students who fail to meet the requirements for passing written part of the course will be permitted to remediate by comprehensive reexamination with approval of the CSP. A remediation paper or other form of exam may be substituted for the written exam at the discretion of the Instructor of Record. H&P Practical Exam will be reassessed immediately after the original exam or as soon thereafter as possible.

Use of Electronic Devices

We welcome the use of electronic devices for class purposes (i.e. note taking, online academic resources); however, we expect that students who bring electronic devices to class will use them for academic purposes only. The use of electronic devices for non-academic activities during classroom activities, such as surfing the internet, updating social networking pages, or engaging

in any other extracurricular activities, is disruptive to fellow students and disrespectful to faculty, and therefore constitute unprofessional behavior.

HIPAA

Since actual medical information may be exchanged and real physical finding may be evident during a simulated patient encounter and/or a CCE, all information will be held in confidence. This does not, however, preclude the discussion of case findings in the classroom or learning environment.

ACADEMIC HONESTY AND STANDARDS OF PROFESSIONAL CONDUCT

OU-COM HONOR CODE:

As a member of the medical profession, I will maintain the highest standards of academic and personal behavior. As a medical student I will not cheat or plagiarize or tolerate that behavior in others.

Students are encouraged to study together and to share their knowledge freely with one another during the learning process. During examinations, however, no assistance from other students or from outside sources is allowed, unless explicitly permitted by the instructor. Books, notes, and other materials must be left at the periphery of the lecture hall during the examinations. No personal electronic devices are allowed in the exam rooms during exams (including cell phones, PDAs, MP3 players, etc.); if necessary the college will provide calculator for the exam. We ask students to handle their marked test booklets and answer sheets discreetly by keeping them out of full and easy view of others. Similarly, students are expected to conduct themselves during exams in such a way as to avoid raising suspicions that they are attempting to read from other student's papers. In accordance with the Ohio University Student Handbook, academic misconduct will result minimally in the issuance of a failing grade for the exercise involved and may, at the discretion of the Instructor of Record, result in the summary issuance of a failing grade for the course.

Academic misconduct is a Code A violation of the Ohio University Code of Student Responsibility, subjecting a student to possible suspension or expulsion from the University. Consequently, a judicial referral may be made to the Director of Judiciaries.

Professional standards required of a member of the Osteopathic profession are a requirement for passing this course. Violation of Section 3.2 Guidelines of the Committee on Student Progress may result in a failing grade in this course, regardless of other academic performance in this course. Such professional conduct shall be evaluated by the Instructor of Record through observation of and interaction with the student during examinations, lectures, laboratories and clinical instruction periods. The Instructor of Record shall consider input from the instructor/lecturers, team members, teaching assistants, and others.