

COURSE TITLES:

Fundamentals in Clinical Osteopathic Medicine 4 - OCOM 725
Fundamentals in Clinical Osteopathic Medicine 5 - OCOM 726
Fundamentals in Clinical Osteopathic Medicine 6 - OCOM 727

CREDIT HOURS: 4, 5, 5 per quarter, respectively

STAFF:

INSTRUCTOR OF RECORD

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OMM LIAISON

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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 4, 5 and 6 are a series of courses devoted to assisting students in developing clinical skills necessary for to work towards mastery of the AOA Core Competencies. Fundamentals in Clinical Osteopathic Medicine in the second year of the PCC curriculum builds upon the clinical skills learned in the first year Fundamentals in Clinical Osteopathic Medicine courses. It is devoted to continuing the development of clinical skills necessary for the practice of osteopathic medicine. Osteopathic Manipulative Medicine (OMM) skills and Clinical and Community Experiences (CCE) are an integral part of this course. 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 student will master specific clinical skills that can be taught in a classroom or laboratory setting and that will help the student become more involved in patient care and clinical learning, for example in dealing with the angry patient and end of life issues. The student will continue to refine his or her skills learned in the first year Fundamentals in Clinical Osteopathic Medicine course in the use of the Problem Oriented Medical Record, and clinical documentation, i.e., SOAP notes

The format of the course consists of clinical lab sessions, utilizing peers or simulated patients for experience in obtaining history and performing physical examinations. On occasion, experiences utilizing real patients or didactic sessions will be employed as well.

The CCE component of Fundamentals in Clinical Osteopathic Medicine for PCC 2 is designed to provide the student with varied experiences in the field of health care. Experiences will be assigned in different settings where they may continue to practice their clinical skills; essential to the course is the notion of acute versus ambulatory care. During fall quarter, half of the PCC2 students will be assigned to either a hospital emergency department, with the family practice hospitalist or with the House Officer covering the community hospital in the evening for 8 experiences in acute care settings. The other half of the class will be assigned to 2 experiences with a primary care preceptor, 2 experiences with a physician working primarily in OMM and will select 4 experiences with clinical faculty in areas of particular interest to the student (based on availability). During winter quarter these groups will switch assignments so that by the end of winter quarter all PCC 2 students will have had 8 acute care and 8 ambulatory care experiences. During spring quarter, students will be assigned to 4 clinical experiences consistently rated as satisfactory by their peers. These might include optometry, podiatry, in-patient rehabilitation and other hospital-based care centers.

COURSE GOALS:

The goal for the Fundamentals in Clinical Osteopathic Medicine s component is to enable students to perfect history and physical exam skills and develop differential diagnoses and treatment plans for a series of patients that present with specific complaints. This effort requires students to be proficient with the “tools of the trade” (medical instruments), medical history taking, physical examination skills, medical documentation 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 the OMM components of these courses, the student will continue to develop 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. The OMM component of these courses will focus on biomechanics, the diagnosis of somatic dysfunction.

A web/email dialogue will be utilized to expand on concepts developed in the weekly sessions, as well as foster discussion on relevant evidence-based clinical issues.

COURSE RESOURCES:

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

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

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 S 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, in 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 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 s 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 may interview simulated patients in videotaped patient interview labs. 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.

All patient encounter labs will require documentation, a SOAP note

All SOAP notes will be “corrected” and discussed with the class

Laboratory-Based Clinical Skills graded activities will be weighted as follows:

25%--Clinical experience components, i.e., SOAP notes, quizzes, tape reviews, psychosocial labs

25%--Fundamentals in Clinical Osteopathic Medicine Final 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:

Written exams and quizzes:

- 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.

- Up to 40 year 2 students may participate in the OMM Patient Encounter Competency examination each quarter. A determination of competency for the OMM Patient Encounter will replace the participant’s OMM Practical Exam for the quarter in which they are chosen to participate.
- Each student may be able to participate in the OMM Patient Encounter by the end of their second year.
- For the Clinical Patient Encounter, students will be expected to demonstrate competency in diagnosis and treatment as defined by appropriate history and physical examination, proper diagnosis, patient management plan, osteopathic manipulative intervention, OMM case considerations and summary clinical SOAP note. 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.

- If the student fails to demonstrate an adequate level of competency, OMM faculty may elect to repeat the encounter with another patient (if another patient encounter can be arranged) or the student would be required take the OMM practical at the end of the quarter.

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 – Thursday, May 31, 2012

Spring Quarter – Monday, July 19, 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 a 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.