At MSUCOM, we are constantly working to improve our curriculum and to meet new AOA accreditation guidelines. We need to meet the challenges of modern medicine that force us to innovate. While changes will generally be instituted at the beginning of the school year, changes may also be implemented semester to semester.

Please be mindful of the need to read your syllabi before beginning your rotations.
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INTRODUCTION AND OVERVIEW

The OST 604 course involves the longitudinal Osteopathic Manipulative Medicine (OMM) curriculum and the Interprofessional Education (IPE) curriculum for year 4 Michigan State University College of Osteopathic Medicine students. This fourth-year curriculum will build on the learnings in year 3 in the OMM 602 course and the IPE encounters while on core rotations. As a longitudinal course, the student has ability and flexibility to plan and complete the course requirements in any of the 4th year electives or core rotations.

Students must complete all requirements of the course by March 31, 2022.

Students will use the information and resources on the course D2L page to help understand and complete their requirements.

GOALS AND OBJECTIVES

GOALS

OMM

1. The student will demonstrate knowledge in the topics of osteopathic principles and practices (OPP) and osteopathic manipulative medicine (OMM).
2. The student will demonstrate the ability to gather a thorough history and perform a physical examination utilizing OPP and OMM.
3. The student will be able to formulate a differential diagnosis incorporating OPP following a clinical encounter.
4. The student will demonstrate the ability to organize and accurately document the patient clinical encounter, including an osteopathic structural examination and osteopathic manipulative treatment (OMT).
5. The student will demonstrate the ability to perform clinically relevant OMT procedures following patient encounters.

IPE

1. The student will participate in an RN shadow experience in either the in or out-patient setting with the following objectives;
   a. Observe how the RN sets priorities and manages time to accomplish necessary work throughout the shift.
   b. Analyze information exchanged during hand-offs such as change of shift report or patient transfer.
   c. Analyze information exchanged during communication to other healthcare team members.
   d. Identify how medications are reconciled.
   e. Recognize actions taken by the RN to promote safety and quality patient care.
COLLEGE PROGRAM OBJECTIVES

In addition to the above course-specific goals and learning objectives, this clerkship rotation also facilitates student progress in attaining the College Program Objectives. Please refer to the complete list provided on the MSUCOM website (https://com.msu.edu/) and in the Student Handbook.

REFERENCES

REQUIRED STUDY RESOURCES

Desire 2 Learn (D2L)

SUGGESTED STUDY RESOURCES

Recommended Texts

Recommended Websites

ROTATION REQUIREMENTS

<table>
<thead>
<tr>
<th>REQUIREMENT</th>
<th>SUBMISSION METHOD</th>
<th>DUE DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>OMM</strong> - The student must complete one of the following (details below) by March 31, 2022:</td>
<td>Upload OMM Encounter Form into the D2L dropbox labeled “OMM Student Encounter Forms”. Please make sure you put your name, which form it is (#1, #2, or #3). For credit for taking part in an OMM 601 rotation, Mr. Dunckel will run a report to verify your participation and mark this as completed in Kobiljak. For credit for attending one of OMM workshops, Mr. Dunckel will mark off your participation after receiving the attendance sheet from the OMM instructor, please make sure you sign the attendance sheet if you attend.</td>
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<td>3. Satisfactory participation in one MSUCOM sponsored OMM workshop, including satisfactory completion of one OMM Observed Encounter Form</td>
<td></td>
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</tr>
<tr>
<td><strong>IPE RN Shadow Experience Videos:</strong></td>
<td>All videos and links can be found and</td>
<td>March 31, 2022</td>
</tr>
</tbody>
</table>
OMM Requirements
During OST 604, senior MSUCOM year students are required to participate in hands-on osteopathic manipulative treatment. Due to the variability in fourth-year rotations, MSUCOM is offering students three options to fulfill this requirement. Students must complete one of the following three options by March 31, 2022.

Option 1: Completion of an OMM 601 Elective Rotation and complete and submit one MSUCOM OMM Observed Encounter Form during the OMM 601 rotation.
Students may enroll in a 2- to 4-week OMM 601 elective rotation in which they will be expected to participate in supervised, hands-on OMM. Students are expected to complete and submit one MSUCOM OMM Observed Encounter Form signed by the supervising physician. Note: Students must receive a passing grade for this rotation and the OMM Observed Encounter Form in order for the rotation to be used to fulfill the 4th year OMM requirement.

Option 2: Perform and document OMM under supervision
Students may utilize and document OMM on any inpatient or outpatient rotation(s) under appropriate clinical supervision. Three (3) patient encounters must be documented on the MSUCOM OMM Observed Encounter Form.

IPE RN Shadow Experience:
The student must spend one complete shift of at least 8 hours job shadowing a Registered Nurse;
- on an inpatient medical unit or
- on an outpatient rotation with a nurse navigator or equivalent within a patient centered medical home who assists patients with chronic disease management such as diabetes
*failure to participate in one full shift of at least 8 hours will require a repeat experience.

IPE RN Shadow Experience Medical Student Assessment Form can be found in the OST 604 D2L page. Once they have been completely filled out, they can be upload to the D2L dropbox labeled “IPE Dropbox”.

March 31, 2022

Student Evaluation of Clerkship Rotation
Student must complete the evaluation of OST 604. The link for this evaluation is found in Kobiljak, under the View Ex Scheduled Rotations tab on the bottom of the student schedule.

March 31, 2022

WEEKLY READINGS/OBJECTIVES/ASSIGNMENTS

View all YouTube videos in their entirety prior to the nursing shadow experience.

should be accessed in the OST 604 D2L page.

2022

[View all YouTube videos in their entirety prior to the nursing shadow experience.]

[should be accessed in the OST 604 D2L page.]

[2022]
Forms and submitted for review by MSUCOM OMM Faculty. Each submitted form must have satisfactory documentation to meet the requirement. Patient encounters may occur on one rotation or across multiple rotations.

**Option 3: Participation in a MSUCOM-sponsored OMM Workshop**
The Department of Osteopathic Manual Medicine (OMM) will offer several hands-on OMM workshops from October 2021 through February 2022. Workshops will be half-day sessions with MSUCOM OMM faculty and will include assessment of OMM techniques and completion of an MSUCOM OMM Observed Encounter Form. Further details on locations, registration, and agenda for the workshops will be available by September 2021 on the OST 604 D2L page. Registration will be on a first-come, first-served basis; students unable to attend a workshop may select another option.

**OST 604 – IPE Requirements**
**Required Learning Activity:**

During a fourth-year rotation, each student is required to spend one complete shift job shadowing a Registered Nurse;
- on an **inpatient** medical unit or
- on an **outpatient** rotation with a nurse navigator or equivalent within a patient centered medical home who assists patients with chronic disease management such as diabetes

The learning activity is intended to increase medical student knowledge of the responsibilities of nurses and to promote better understanding of RN contributions to the health care team.

**Learning Objectives:**

- Observe how the RN sets priorities and manages time to accomplish necessary work throughout the shift.
o Analyze information exchanged during hand-offs such as change of shift report or patient transfer.
o Analyze information exchanged during communication to other healthcare team members.
o Identify how medications are reconciled.
o Recognize actions taken by the RN to promote safety and quality patient care.

Description of Learning Activity:

For one complete shift (including sign in or out/hand-off within the inpatient unit), the student will follow a RN to observe all the work that they perform. The medical student should pay close attention to nursing responsibilities regarding:
o Patient hand-offs: admissions, transfers and/or change of shift report
o Nursing care planning
o Medication administration practices
o Clinical documentation
o Discharge planning
o Reconciliation of medications
o Other patient care activities that arise

At the conclusion of this shadowing experience, the student will ask the RN to complete a brief form evaluating the medical student’s participation in this activity. The medical student must submit this form via D2L dropbox labeled “IPE Dropbox” as documentation that this requirement has been completed.

In preparation for this IPE shadow activity, the student is required to complete the YouTube videos on D2L. The requirement includes watching each video in its entirety.

• Why this IPE exercise? [https://www.youtube.com/watch?v=wqXiyVUNbFc](https://www.youtube.com/watch?v=wqXiyVUNbFc)
• SBAR: [https://www.youtube.com/watch?v=k1M93SuBVF0](https://www.youtube.com/watch?v=k1M93SuBVF0)
• iSBAR [https://www.youtube.com/watch?v=h0Ol6CiJAZw](https://www.youtube.com/watch?v=h0Ol6CiJAZw)
• Examples of SBAR: [https://www.youtube.com/watch?v=_x7OU2pbExk](https://www.youtube.com/watch?v=_x7OU2pbExk)
• IPASS hand offs: [https://www.youtube.com/watch?v=rEpQC1rIgN4](https://www.youtube.com/watch?v=rEpQC1rIgN4) [https://www.youtube.com/watch?v=SZP3uYsnfoM](https://www.youtube.com/watch?v=SZP3uYsnfoM)
• Medication Reconciliation [https://www.youtube.com/watch?v=Vxvl8PQP7ZE](https://www.youtube.com/watch?v=Vxvl8PQP7ZE)
**Additional Rotation Feedback**

Students should actively seek feedback on his/her performance throughout the course of the clinical rotation. Feedback should be sought weekly for areas of strengths and areas of improvement. For rotations with Student Experience Logs, documentation of mid rotation feedback must be initiated by the student and documentation provided by the attending physician.

**Student Evaluation of Rotation**

Students will submit their rotation evaluations electronically by accessing the evaluation through the link in Kobiljak. The link for this evaluation is found in Kobiljak, under the View Ex Scheduled Rotations tab on the bottom of the student schedule.

**Unsatisfactory Clinical Performance**

The Instructor of Record and/or the Assistant Dean for Clerkship Education will review/investigate a student’s performance on a rotation when a concern is raised by the supervisor(s), and when the Attending Evaluation of Clerkship Student contains any below expectation marks within the professionalism area, any unsatisfactory written comments, or a total of two or more below average marks on the evaluation.

Professionalism concerns, as well as accolades, will also be referred to the MSUCOM Spartan Committee Clearinghouse for resolution, per MSUCOM’s Common Ground Framework for Professional Conduct.

**Corrective Action Process For Rotation Requirements**

There is no Corrective Action offered on this course. As determined by the Instructor of Record, the student will receive an N grade for the course if all assignments are not completed successfully by the last day of rotation at 11:59pm (with the exception of the Attending Evaluation). Additionally, a letter of unprofessional behavior for late submission of assignments will be sent to the MSUCOM Spartan Community Clearinghouse.

**STUDENT RESPONSIBILITIES AND EXPECTATIONS**

Any issues that students may experience trying to complete the requirements of OST 604 due to base hospital or clinic limitations should be communicated with the course assistant Mr. Eric Dunckel prior to any deadlines so that if possible, a solution can be communicated.

**MSU COLLEGE OF OSTEOPATHIC MEDICINE STANDARD POLICIES**

The following are standard MSUCOM policies across all Clerkship rotations.

**POLICY FOR MEDICAL STUDENT SUPERVISION**

Supervisors of the Medical Students in the Clinical Setting

The MSUCOM curriculum includes required clinical experiences in a variety of clinical learning environments. The role of the student is to participate in patient care in ways
that are appropriate for the student’s level of training and experience and to the clinical situation. The student’s clinical activities will be under the supervision of licensed physicians. This supervising physician may delegate the supervision of the medical student to a resident, fellow, or other qualified healthcare provider, however, the supervising physician retains full responsibility for the supervision of the medical students assigned to the clinical rotation and must ensure his/her designee(s) are prepared for their roles for supervision of medical students. The physician supervisor and his/her designee(s) must be members in good standing in their facilities and must have a license appropriate to his/her specialty of practice and be supervising the medical student within that scope of practice as delineated by the credentialing body of the facility.

Level of Supervision/Responsibilities

Clinical supervision is designed to foster progressive responsibility as a student progresses through the curriculum, with the supervising physicians providing the medical student the opportunity to demonstrate progressive involvement in patient care. MSUCOM students will be expected to follow clinical policies of the facility regarding medical records and clinical care. Medical student participation in patient history/physical exam, critical data analysis, management, and procedures will include factors, but not limited to:

- The student’s demonstrated ability
- The student's level of education and experience
- The learning objectives of the clinical experience

First and second year medical students will be directly supervised at all times (supervising physician or designee present or immediately available.)

Third- and fourth-year medical students will be supervised at a level appropriate to the clinical situation and student’s level of experience. For some tasks, indirect supervision may be appropriate for some students. Direct supervision would be appropriate for advanced procedures.

Supervising physicians will provide medical students with timely and specific feedback on performance. The supervising physician will complete a mid-rotation evaluative discussion with the medical student. Supervising physicians will complete a summative evaluation and are encouraged to contact the course/clerkship director with any gaps in student performance.

Medical students with any concern regarding clinical, administrative, and educational or safety issues during his/her rotation will be encouraged to contact the supervising physician or clerkship/course director.

STATEMENT OF PROFESSIONALISM

Principles of professionalism are not rules that specify behaviors but guidelines that provide direction in identifying appropriate conduct. These principles include the safety and welfare of patients, competence in knowledge and skills, responsibility for consequences
of actions, professional communication, confidentiality, and lifelong learning for maintenance of professional skills and judgments. Professionalism and professional ethics are terms that signify certain scholastic, interpersonal and behavioral expectations. Among the characteristics included in this context is the knowledge, competence, demeanor, attitude, appearance, mannerisms, integrity, and morals displayed by the student to faculty, peers, patients, and colleagues in other health care professions.

Students are expected to conduct themselves at all times in a professional manner and to exhibit characteristics of a professional student.

**STUDENT RIGHTS AND RESPONSIBILITIES**

Each individual student is responsible for their behavior and is expected to maintain standards of academic honesty. Students share the responsibility with faculty for creating an environment that supports academic honesty and principles of professionalism. Proper relationship between faculty and student are fundamental to the college's function and this should be built on mutual respect and understanding together with shared dedication to the education process. It is a fundamental belief that each student is worthy of trust and that each student has the right to live in an academic environment that is free of injustice caused by dishonesty. While students have an obligation to assist their fellow students in meeting the common goals of their education, students have an equal obligation to maintain the highest standards of personal integrity.

**MSU Email**

To facilitate communication from faculty and staff to students, students are required to have a functioning MSU email address. Students are responsible for checking their MSU email accounts daily and maintaining their MSU mailboxes so that messages can be received.

Forwarding MSU email to another email account or failure to check email are not valid excuses for missing a deadline or other requirements of the clinical education program.

Further, students must use secure email when working in a hospital, clinic, or other health care setting if discussion of patient information is involved. MSUNet (msu.edu) email is secure; many web-based email systems including Hotmail, Gmail and Yahoo are not.

**FACULTY RESPONSIBILITIES**

It is the responsibility of the college faculty to specify the limits of authorized aid (including but not limited to exams, study aids, internet resources and materials from senior students) in their syllabi, and it is the responsibility of students to honor and adhere to those limits. Course instructors shall inform students at the beginning of the semester of any special criteria of academic honesty pertinent to the class or course.

It is the responsibility of the clinical faculty to provide students with ongoing feedback during rotation upon request. Clinical faculty are generally recommended (though not required) to limit student assigned duty hours from 40 to 60 hours weekly (and not exceeding 60 hours).
Both faculty and students are to be treated fairly and professionally to maintain a proper working relationship between trainer and trainee.

COURSE GRADES

**P/Pass** – means that credit is granted, and that the student achieved a level of performance judged to be satisfactory by the department according to the student’s didactic and clinical performance.

**ET/Extended Grade** – means that a final grade (‘Pass’ or ‘No Grade’) cannot be determined due to one or more missing course requirements. The ET grade will be changed to a final grade once all the completed course requirements have been submitted to and processed by MSUCOM (either to the department or Clerkship Team). An ‘ET’ grade will NOT remain on a student’s transcript.

**N/No Grade** – means that no credit is granted, and that the student did not achieve a level of performance judged to be satisfactory by the department according to the student’s didactic and clinical performance.

**N Grade Policy**

Students who fail this rotation will have to repeat the entire rotation and fulfill all (clinical and academic) requirements.

STUDENT EXPOSURE PROCEDURE

A form has been developed by the University Physician to report incidents of exposure, e.g. needle sticks, mucous membrane exposure, tuberculosis exposure, etc., and may be found on the Clerkship Medical Education page of the MSUCOM website here (https://com.msu.edu/current-students/clerkship-medical-education).

Contact Assistant Dean for Clerkship Education, Dr. Susan Enright, if exposure incident occurs: enright4@msu.edu.

STUDENT VISA

Michigan State University is committed to providing equal opportunity for participation in all programs, services, and activities. Requests for accommodations by persons with disabilities may be made by contacting the Resource Center for Persons with Disabilities (RCPD) at 517-884-RCPD, or on the web at www.rcpd.msu.edu. Once a student’s eligibility for (clinical and/or testing) accommodation has been determined, the student may be issued a **Verified Individualized Services and Accommodations** (VISA) form. Students must present this VISA form to the Clerkship Team (COM.Clerkship@msu.edu), A-332 East Fee Hall, at the start of the semester in which they intend to use their accommodations (for tests, projects, labs, etc.). Accommodation requests received after this date will be honored whenever possible.
If updates or modifications to an existing VISA form are made after the semester begins, it is the responsibility of the student to submit an updated version to the Clerkship Team if he or she intends to use the new accommodation going forward.
SUMMARY OF GRADING REQUIREMENTS

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Submission Method</th>
<th>Honors Designation</th>
<th>Pass</th>
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<th>No Pass</th>
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<tr>
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<td>N/A</td>
<td>Assignment completed and submitted prior to or on the deadline of March 31, 2022</td>
<td>After the deadline of March 31, 2022 only by communication and approval of OST 604 IOR or staff.</td>
<td>Failure to submit and complete assignment by March 31, 2022.</td>
</tr>
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1. Satisfactory completion of a two-week or longer elective in OMM 601, including satisfactory completion of one OMM Observed Encounter Form.

2. Satisfactory completion of three OMM Observed Encounter Forms.

3. Satisfactory participation in one MSUCOM sponsored OMM workshop, including satisfactory completion of one OMM Observed Encounter Form.
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<td>IPE RN Shadow Experience Videos:</td>
<td>All videos and links can be found and should be viewed in their entirety on the OST 604 D2L page.</td>
<td>N/A</td>
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<td>All IPE RN Shadowing Experience Medical Student Assessment Form can be found in the OST 604 D2L page. Once they have been filled out, they can be upload to the D2L dropbox labeled “IPE Dropbox”.</td>
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<td>Student Evaluation of Clerkship Rotation</td>
<td>Student must complete the evaluation of OST 604. The link for this evaluation is found in Kobiljak, under the View Ex Scheduled Rotations tab on the bottom of the student schedule.</td>
<td>N/A</td>
<td>When evaluation is submitted, and all other requirements have been met.</td>
<td>Grade for OST 604 will remain an ET until Student Evaluation of Clerkship Rotation is completed.</td>
<td>N/A</td>
</tr>
</tbody>
</table>