

OST 592 – Self-Directed Integration of Medical Knowledge

Fall Semester - 2020
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Notice to Students: Although Elective syllabi at MSUCOM have a consistent format; vitally important details differ by Elective. For this reason, you must read the syllabus thoroughly at the onset of each elective to understand what educational activities will be provided and what is expected of you.

Section 1 – Course Information

Elective Description

This course is not available to students who are currently enrolled in full time MSUCOM curriculum.

OST 592 is a 6 -credit hour course that will utilize two approaches 1) Coaching and 2) SCILS (Supporting Competency in Integrated Learning) workshops to enable the student to conduct a successful, self-directed review of basic science information. The students will be guided and encouraged to integrate this information with medical systems content knowledge and clinical correlations. The course will include checkpoints through submission of written self-assessment reflections (SAR) that will be reviewed by instructors; regularly scheduled meetings and feedback in person, through zoom, or by phone call; and regularly scheduled group workshop sessions. Access to instructors will be available as needed. Live and on- demand web-based presentations will supplement the student's self-directed review and integration.

Honesty with oneself and instructors is key in this course. Being honest in the reflection papers as to the struggles encountered as you independently study and learn will help the instructors better support you. Active participation and student engagement is essential to success in this course. You are required to participate in this course just as if you were in a face-to-face course. This means that in order to get full credit for participation, you will need to complete your assignments, written SARs, meetings, and group workshop sessions on a timely basis.

Course Goals

The goal of this course is to enable the student to be successful in a self-directed review of basic science information with integration of medical content knowledge and clinical correlations by providing structure, support, study guides, and resources.

The course instructors will strive to help students make connections to Osteopathic Considerations for Core Entrustable Professional Activities (EPAs), especially the following selected items.

EPA 1: Gather a history and perform a physical examination.

- Identify pertinent history elements in common presenting situations, symptoms, complaints, and disease states (acute and chronic).
- Identify, describe, and document abnormal physical exam findings, including osteopathic structural findings (e.g. somatic dysfunction, TART, etc.).

EPA 2: Prioritize a differential diagnosis following a clinical encounter

- Integrate the scientific foundations of medicine with clinical reasoning skills to develop a differential diagnosis and a working diagnosis.

EPA 3: Recommend and interpret common diagnostic and screening tests.

- Provide a rationale for the decision to order the test
- Interpret the results of basic diagnostic studies (both lab and imaging)

Co-Course Coordinators

(Note - Preferred method of contact is shown in italics)

Name: C. Pauline Tobias, MA

Phone: (313) 578-9670
Email: tobiasog@msu.edu (preferred method)
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Name: Dr. Jane Gudakunst, MD.
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Email: gudakun2@msu.edu (preferred method)
Address: 909 Wilson Rd Room B305 East Lansing, MI 48824

Instructors

Name	Email	Phone	Site
C. Pauline Tobias, MA	tobiasog@msu.edu	(313) 578-9670	DMC
Dr. Jane Gudakunst, MD.	gudakun2@msu.edu	(814) 221-0677	EL

Lines of Communication

Please contact the instructors directly by email with questions and concerns.

For individual questions regarding study strategy, contact the Office of Academic and Career Advising by Email: com.acadvising@msu.edu or by telephone at (517) 884-3893.

Textbooks and Reference Materials

Suggested resources

The student will identify the resources that they wish to use for this course. The student is encouraged to utilize **textbook resources and materials from basic sciences and systems courses, video presentations, Qbank practice questions, First Aid Study Guide, and Pathoma**. The student may use other resources, including additional textbooks, online references, and question banks. **The student is strongly encouraged to take proctored, simulated examinations on date(s) offered by the College.**

Resources on academic skills and board exam preparation may be found on the Academic Success and Career Guidance pages on the College website. Additional recommended resources are listed below:

- Learning Style Information
 - The Success Types Learning Style Type Indicator: J.W. Pelley, B.K. Dalley
Success types for medical students: A program for improving academic performance.
Texas Tech University Extended Studies, Lubbock, TX (1997) [Google Scholar](#)
 - <http://www.educationplanner.org/students/self-assessments/learning-styles.shtml>
 - <https://www.gadoe.org/Curriculum-Instruction-and-Assessment/Special-Education-Services/Documents/IDEAS%202014%20Handouts/LearningStyleInventory.pdf>
- Improving your study habit assessment:

- <http://www.educationplanner.org/students/self-assessments/improving-study-habits.shtml>
- On Target Academic success resources at MSUCOM
 - <https://com.msu.edu/current-students/academic-and-career-advising>
- Question Banks
 - COMBank: <https://truelearn.com/comlex-usa/comlex-level1/>
 - COMQuest: <https://comquestmed.com/>
 - USMLE: <https://www.usmle.org/step-1/>
- COMLEX Blueprint:
 - <https://www.nbome.org/exams-assessments/comlex-usa/comlex-usa-level-1/blueprint/>
- Entrustable Professional Activities (EPA)
 - <https://www.aacom.org/docs/default-source/med-ed-presentations/core-epas.pdf?sfvrsn=20>

Elective Schedule

Week of	Events Mandatory Workshops will be on Thursdays 10:30 am - 12:30 pm (EDT)	Assignments All assignments due on Thursdays at 5 pm (EDT)
8/31 - 9/4	Course Introduction 9/3/20 10:30- 11:30 am	<ul style="list-style-type: none"> ● Online Simulated Test (baseline)
9/7 - 9/11	Workshop 1 9/10/20	<ul style="list-style-type: none"> ● Schedule individual meeting ● Pelley Success Type Indicator ● Learning Contract ● Study Plan
9/14 – 9/18	Workshop 2 9/17/20 Individual Meetings with CPT	<ul style="list-style-type: none"> ● SAR #1
9/21 – 9/25	Workshop 3 9/24/20	<ul style="list-style-type: none"> ● SAR #2
9/28 – 10/2	Workshop 4 10/1/20	<ul style="list-style-type: none"> ● SAR #3
10/5 – 10/9	Workshop 5 10/8/20	<ul style="list-style-type: none"> ● SAR #4
10/12 – 10/16	Workshop 6 10/15/20	<ul style="list-style-type: none"> ● SAR #5 ● Schedule individual meeting
10/19 – 10/23	Workshop 7 10/22/20 Individual Midterm Meetings with CPT	<ul style="list-style-type: none"> ● SAR #6

10/26 – 10/30	Workshop 8 10/29/20	<ul style="list-style-type: none"> • SAR #7
11/2 – 11/6	Workshop 9 11/5/20	<ul style="list-style-type: none"> • SAR #8
11/9 – 11/13	Workshop 10 11/12/20	<ul style="list-style-type: none"> • SAR #9
11/16 – 11/20	Workshop 11 11/19/20	<ul style="list-style-type: none"> • Online Simulated Test (follow-up) • SAR #10
11/23 – 11/27	NO Workshop THANKSGIVING BREAK	
11/30 – 12/4	Workshop 12 12/3/20	<ul style="list-style-type: none"> • SAR #11 • Schedule individual meeting
12/7 – 12/11	Individual Debrief Meetings with JBG and CPT	

Web-based resources and presentations will be available as needed.

Students are strongly encouraged to meet with an ACG advisor during the first two weeks of class to determine strategies for their unique needs.

Required Exams/Assessments

There are no required examinations in this course. Assessment will be based on completion of self- assessment reflections (SAR), attendance at mandatory meetings, active participation in workshops, and use of board preparation study materials such as simulated standardized tests.

Requirements for Successful Completion

To successfully complete this course with a passing grade, the student must:

- Submit Learning Contract (LC)
- Complete and submit Success Types Learning Style Type indicator
- Develop and submit a Study Plan
- Engage in independent, self-directed review and integration of basic sciences and systems course information
- Actively participate in course meetings and workshops as scheduled
- Complete and submit regular Self-Assessment Reflection (SAR) documents
- Complete simulated standardized test(s) as directed by instructors
- Use self-reflection to determine need for additional resources and consultation with instructors and advisors

Required Proctoring Arrangements

Describe any required proctoring arrangements to which students must adhere in this section – or indicate if there are none applicable to this elective.

Student Evaluation of the Course

The student may provide informal feedback to any of the other course instructors with their reactions and suggestions. Comments may be submitted by telephone, email, or in writing. A formal evaluation will be sent to the students after the course has been completed.

Section 2 – Policies

Please refer to the [MSUCOM Student Handbook](#) for these and other policies.

Academic Honesty and Professionalism

Every student is responsible for their behavior and is expected to adhere to all MSU and MSUCOM policies of academic honesty and professionalism, as outlined in the MSUCOM Student Handbook and the MSU Medical Student Rights and Responsibilities. These documents may be found on the MSUCOM website. Additional guidance on academic integrity may be found on the MSU Ombudsperson’s website at <https://ombud.msu.edu/sites/default/files/content/Academic-Integrity-at-MSU-updated-August-2017.pdf>

Incidents of academic dishonesty or professional misconduct will be addressed by the faculty, administration, or staff; such action may include, but is not limited to: giving a failing grade, referring a student for judicial review, directing the student to the Associate Dean of Medical Education, evaluation by the Committee on Student Evaluation, and other actions outlined in the Medical Student Rights and Responsibilities document.

Types of Class Sessions

MSUCOM designates lectures and other class sessions by their delivery method. While additional terms may be used in a specific course, the following will provide general guidance to the type of session:

- Live or livestream lecture: broadcast at a designated time; intended to viewed synchronously.
- Online Lecture: recorded content, may be viewed asynchronously
- Webinar: more interactive session where student participation is expected
- Lab: may refer to on-site clinical skills training or online lab session; see details

Changes to Course Schedule or Requirements

Due to external circumstances, the course requirements published in the course syllabus and/or course schedule may be subject to change. Timely notification Communication regarding changes will be provided to enrolled students via the course D2L site and/or email. Any changes made will consider the MSU Code of Teaching Responsibility and the MSU Medical Students Rights and Responsibilities.

Mandatory and Optional Class Sessions

All lectures and other class sessions are considered to be integral to the course, and students are expected to attend, view, or participate in each session. Some sessions are designated as “mandatory” in that attendance at the session on the scheduled date and time is required. Depending on the course, a student may earn points for attending or participating in a mandatory session or may lose points for failing to attend or participate. Availability of make-up points for missed sessions is at the discretion of the course coordinator. Optional class sessions are offered by faculty to assist students in learning or reviewing course content.

Absences from Mandatory and Examinations/Assessments

It is the responsibility of the student to know which class sessions are deemed as mandatory and comply with the MSUCOM policy regarding absences from mandatory sessions and examinations. This policy

may be found in the MSUCOM Student Handbook on the MSUCOM website. Requests for an excused absence must be submitted via the [student portal](#).

Computer-Based Testing

It is the responsibility of each student to know and comply with the MSUCOM policy on computer-based testing. This policy may be found in the MSUCOM Student Handbook on the MSUCOM website.

Administration of quizzes, examinations, and other assessments may be self-proctored, virtual proctored, or classroom proctored. Regardless of the proctoring method, you are expected to take the exam in a quiet, private setting. Just like in a proctored exam, you are not to access notes, textbooks, references, your phone, or other materials, and you are not to interact with fellow students or others. Remember that integrity is defined as what you do when no one is looking.

You are also expected to not record, photograph, take screen shots, make notes of, or otherwise attempt to make a copy of any exam item for any purpose, including your personal use. A student who is discovered to have cheated or breached exam security will be subject to formal disciplinary action, up to and including dismissal from MSUCOM.

If you have concerns or evidence of an exam security breach on this or any exam, you may report that to an MSUCOM administrator or through the online concern form.

Medical Student Rights and Responsibilities

If problems arise between instructor and student, both should attempt to resolve them by informal, direct discussions. If the problems remain unsolved, the Associate Dean for Medical Education and/or the MSU Ombudsperson may be consulted. The MSU Medical Student Rights and Responsibilities (MSRR) document defines processes for additional steps, including submission of a formal grievance. The MSSR may be found in the MSUCOM Student Handbook and online at splife.studentlife.msu.edu.

Reef Polling (iClicker Cloud) Policy

It is your responsibility to know and comply with the Reef Polling (iClicker Cloud) Policy. This policy may be found in the MSUCOM Student Handbook. If you forget your device or if it does not work, for whatever reason, no make-up experiences will be provided, and no points will be given.

If Reef Polling is used to take attendance for an on-campus event, you will be expected to arrive to the physical location on time and to stay for the duration of the assigned activity. If Reef Polling is used to take attendance for an online event, you will be expected to start the session at the scheduled time and participate for the duration of the assigned activity.

As a matter of professionalism, please note that under no circumstances should you provide access to their iClicker Reef account to another student by sharing your device and/or account login, nor should you accept another student's device or login credentials to access Reef Polling on their behalf. Answering questions or checking in for attendance on behalf of another student by using their device or account is considered to be academic dishonesty and may result in disciplinary action up to and including dismissal from the college.

Remediation

The MSUCOM Policy for Retention, Promotion and Graduation requires successful completion of each required course to progress in the curriculum. If you receive an “N” grade in a course, that grade will be recorded on your official transcript; you must meet the course requirement by successfully remediating or repeating the course.

Eligibility to attempt remediation of the course is determined by criteria described in the “Course Grades” section of the syllabus. If you are not eligible to attempt remediation, or if you fail the remediation, you must retake the course, provided you are eligible to continue in the program as determined by the Committee on Student Evaluation.

Student Safety and Well-being

The MSUCOM website and Student Handbook provide information on student safety, campus security, access to medical care and counseling services, and to policies on injuries and exposures. If you have an injury or acute illness on campus, an incident report should be completed. The form is available on the MSUCOM intranet or from Academic Programs.

Requests for Accommodations

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 517-884-7273 or online at rcpd.msu.edu. Once eligibility for an accommodation has been determined, you may be issued a Verified Individualized Services and Accommodation (VISA) form. Each VISA includes an expiration date; to request an accommodation, you must have an active VISA. You may work with RCPD to renew a VISA.

During the preclerkship curriculum, the college will help to coordinate accommodations for additional testing time. Provide your VISA to Nancy Thoma, thoman@msu.edu, A333 East Fee Hall at the start of the term and/or at least two weeks prior to the assessment event (test, project, labs, etc.). Requests for accommodations received with less notice will be honored whenever possible. You may choose whether or not you wish to use accommodations for a particular event. For other accommodations, you may also review your VISA with the course coordinator and curriculum assistant assigned to that course.

Title IX Notifications

Michigan State University is committed to fostering a culture of caring and respect that is free of relationship violence and sexual misconduct, and to ensuring that all affected individuals have access to services. For information on reporting options, confidential advocacy and support resources, university policies and procedures, or how to make a difference on campus, visit the Title IX website at titleix.msu.edu.

Limits to confidentiality. Essays, journals, and other materials submitted for this class are generally considered confidential pursuant to the University's student record policies. However, you should be aware that University employees, including instructors, may not be able to maintain confidentiality when it conflicts with their responsibility to report certain issues to protect the health and safety of MSU

community members and others. Instructors must report the following information to other University offices (including the Department of Police and Public Safety):

- Suspected child abuse/neglect, even if this maltreatment happened when you were a child;
- Allegations of sexual assault, relationship violence, stalking, or sexual harassment; and
- Credible threats of harm to oneself or to others.

These reports may trigger contact from a campus official who will want to talk with you about the incident that you have shared. In almost all cases, it will be your decision whether you wish to speak with that individual. If you would like to talk about these events in a more confidential setting, you are encouraged to make an appointment with the MSU Counseling and Psychiatric Services.

Addendum: Course Schedule

Course schedule for the current semester will be posted to D2L. Changes to the course schedule will be noted on the class academic calendar (“Google calendar”) and communicated to students via D2L and/or email. The schedule for the most recent offering of this course will be posted on the MSUCOM website under Current Students/Preclerkship Curriculum.