

OST 573 – Endocrine System

Spring Semester 3 - 2020

Updated: 4.1.2019 rlb

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Notice to Students: Although course syllabi at MSUCOM have a consistent format, important details differ by course. For this reason, you must read the syllabus thoroughly at the onset of each course to know what the course will provide and what is expected of you.

Section 1 – Course Information

Course Description

OST 573 Endocrine System is a 3-credit course designed to provide information regarding the anatomy, biochemistry and physiology of the endocrine systems and the pathophysiology of endocrine disorders.

Course Goals

The learning objectives included in this course will build on your understanding of normal function of endocrine system and introduce principles of clinical diagnosis and management of endocrine abnormalities.

Please note that specific instructional objectives are provided within each lecture or other learning activity of this course.

College Program Objectives

In addition to the course-specific goals and learning objectives, this preclerkship course also facilitates student progress in attaining the College Program Level Educational Objectives, which are published in the MSUCOM Student Handbook.

Course Coordinator

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

Name: Keith Lookingland, Ph.D. (PHM)

Phone: 517-353-8971

Email: lookingl@msu.edu

Address: B432 Life Science, East Lansing, MI 48824

Course Faculty

Name	Email	Phone	Site
Peter Gulick, D.O.	gulick@msu.edu	517-353-3211	EL
Mary Hughes, D.O.	hughesm@msu.edu	517-353-3211	EL
Laryssa Kaufman, M.D.	lkaufman@msu.edu	517-884-3856	EL
Frances Kennedy, DVM	kennedyf@msu.edu	517-432-0467	EL
Sarah Weitz, MS, RD	mccaske7@msu.edu	586-263-6066	MUC
L. Karl Olson, Ph.D.	olsonla@msu.edu	517-884-5116	EL
Janice Schwartz, Ph.D.	schwa317@msu.edu	313-578-9671	DMC
Carrie Nazaroff, Ph.D.	tatarcar@msu.edu	586-263-6743	MUC
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Curriculum Assistants

Site	Name	Email	Phone
East Lansing	Robin Borowski	chambe27@msu.edu	517-353-9515
DMC	Alysia Johnson	john1329@msu.edu	517-884-9629

Site	Name	Email	Phone
MUC	Beata Rodriguez	rodri583@msu.edu	586-263-6799

Lines of Communication

- For administrative aspects of the Course: contact the course coordinator.
- For content questions relating to a specific lecture or topic: contact the faculty presenter for that specific portion of the course or your SE MI on-site instructor.
- For absences/missed exams (see excused absence information below)
- Please set your notifications in D2L to immediate to receive posted News announcements. You may choose to receive notifications by email or SMS.

Office Hours

Questions concerning may be discussed individually by making an appointment with the Course Coordinator, *Dr. Lookingland, Pharmacology and Toxicology B432 Life Science, East Lansing, MI 48824*, by phone at 517-353-8971 or via e-mail: lookingl@msu.edu. The course coordinator is generally available by appointment.

Course Web Site

The URL for the Course website is: <https://d2l.msu.edu>

Textbooks and Reference Materials

Required

- OST 573 Course Pack
- Rhoades RA and DR Bell,
Medical Physiology: Principles for Clinical Medicine 5th ed.(2018) Lippincott Williams & Wilkins [ISBN# 9781609134273] ([Digital copy](#))
- Ross MH (Deceased) and W Pawlina,
Histology: A Text and Atlas 8th ed. (2020) Wolters Kluwer Health [ISBN# 978-1496383426] ([Digital Copy](#))
- Kumar, V et al.,
Robbins and Cotran Pathologic Basis of Disease 9th ed. (2015) Saunders Elsevier [ISBN: 9781455726134] ([Digital copy](#))
- Sadler, TW,

Langman's Medical Embryology 14th ed. (2015) Lippincott Williams and Wilkins [ISBN: 978-1-4511-9164-6] ([Digital Copy](#))

- Ferrier, DR,

Lippincott's Illustrated Reviews: Biochemistry 7th edition (2017). ISBN 978-1496344496 ([Digital copy](#))

- Bickley, LS, et al.,

Bates' Guide to Physical Examination and History Taking 12th edition (2017). Lippincott, Williams & Wilkins, ISBN: 9781469893419 ([Digital copy](#))

Recommended

- Brunton, LL,

Goodman and Gilman's : The Pharmacological Basis of Therapeutics, 13th ed. McGraw-Hill [ISBN# 9780071624428] ([Digital copy](#))

Also available online: www.accessmedicine.com or www.statref.com

- Electronic Medical Books listed by subject can be found at:
<http://libguides.lib.msu.edu/medicalebooks>

Course-based Academic Support

The course faculty are here to facilitate your learning. Please feel free to contact the Course Coordinator with any personal issues you may have involving this course. Additional academic support resources can be accessed through MSUCOM Academic and Career Guidance and MSUCOM Personal Counseling.

Courses Begin and End Dates

OST573 begins on 03/09/20 and ends on 04/20/20. See addendum for detailed daily course schedule.

Exams/Assessments

The successful achievement of learning objectives will require knowledge and skills acquired in other portions of the overall MSUCOM educational program. Students will be expected to apply concepts and vocabulary learned in other courses to problem-solving for exams/assessments in this course.

To maintain security of assessments, you may NOT post questions on the discussion board regarding exam questions or quiz questions. Kindly email your questions to the course coordinator.

Assessments	Projected Points	Material to be Covered
Quiz #1 Diabetes D2L Quiz Thursday 3/19/20	4	Diabetes & metabolism lectures (lectures 3-18)
Unit Exam #6 Monday 3/23/20 8:00-9:20 AM	54	Lectures 1-18 and Case Discussion
Endocrine Histology Lab REEF Polling (iClicker Cloud) Quiz Wednesday 4/1/20	2	Reading assignment for Endocrine Histology Lab
Quiz #2 Endocrine Emergencies D2L Quiz Monday 4/6/20	4	Endocrine Emergencies
Unit Exam #8 Thursday 4/09/20 10:00-11:40AM	35	Lectures 19-29 plus Endocrine Histology Lab and Case Discussions
Male Reproductive Histology Lab REEF Polling (iClicker Cloud) Quiz Monday 4/13/20	2	Reading assignment for Male Reproductive Histology Lab
Female Reproductive Histology Lab REEF Polling (iClicker Cloud) Quiz Wednesday 4/15/20	2	Reading assignment for Female Reproductive Histology Lab
Quiz #3 Growth, Development, Reproduction D2L Quiz Thursday 4/16/20	4	Lectures 29-40
Unit Exam #9 Monday 4/20/20 8:30-9:40AM	38	Lectures 30-41 plus Male and Female Histology Labs, and all other course materials/activities

Course Grades

The course faculty determine the threshold for satisfactory performance in each preclerkship course. Your course grade will be determined by the following formula:

Exams (UE#6 + UE#8 + UE#9) + Quizzes (#1 + #2 + #3) + Histology Lab REEF Polling (#1 + #2 + #3) / (total possible points) X 100 = Final Percent Score

- **P-Pass**—means that you have achieved a satisfactory level of performance and will receive credit for this course. To obtain a “P” grade for this course, you must earn a final percent scores of 70%.

- **N-No Grade**—means that you have not achieved a satisfactory level of performance and no credit will be granted for this course. If you earn a final percent score below 70% or a final point total of XX, you will receive an “N” grade.
- **Remediation** – If you receive an “N” grade and meet the criteria below, you will be eligible to attempt remediation:
 - Earn a final percent score in the course of 60 % or greater

The remediation opportunity for this course will be by examination. Passing is 70%.

All remediation exams for semester SS20 are scheduled for May 7th & 8th. Refer to the remediation policy information provided in Section 2 of this syllabus for more information.

Student Evaluation of the Course

We want your feedback on how to improve this course.

- **Informal Feedback:** Feel free to approach the Course Coordinator, Keith Lookingland, or any of the other course faculty with your reactions and suggestions.
- **Formal Evaluation:** In addition to the above, we ask every student in the class to complete formal on-line course evaluation upon conclusion of the course. Student feedback provides Course Coordinators with valuable information regarding their performance, the performance of their colleagues, and the quality of the course. The information gained from these evaluations is used to continuously improve future offerings of this course. Students can access the evaluation system at: [MSUCOM Pre-clerkship Evaluation System](#).

Section 2 – 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.

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.

Absences from Mandatory Class Sessions and Examinations/Assessments

It is the responsibility of each student to know 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.

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 the responsibility of each student 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 attendance is taken, you will be expected to arrive in class on time and to stay for the duration of the assigned activity.

Remediation

The MSUCOM Policy for Retention, Promotion and Graduation states that a student must complete each required course to progress in the curriculum. A student who completes a course and receives an “N” grade will have that grade recorded on their official transcript and must meet the course requirement by successfully remediating or repeating the course.

A student will be eligible to attempt remediation of the course if they meet the criteria described in the “Course Grades” section of this syllabus. A student who is not eligible to attempt remediation or fails the

remediation must retake the course. This policy and the process by which an eligible student may remediate a course may be found in the MSUCOM Student Handbook on the MSUCOM website.

Requests for Special 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 at 517-884-RCPD or on the web at <https://rcpd.msu.edu>. Once eligibility for an accommodation has been determined, you may be issued a Verified Individualized Services and Accommodation (VISA) form. Please present the VISA to Nancy Thoma, thoman@msu.edu, A333 East Fee Hall at the start of the term and/or two weeks prior to the assessment event (test, project, labs, etc.). Requests received after this date will be honored whenever possible.

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, students 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 will be posted as a separate document on the same web page as this syllabus.