

INTRODUCTION TO CLINICAL HEALTH CARE BIO/MED/HON/ABS 494 – Syllabus – Fall 2021

Course Description

The course offers interactive lectures with leading healthcare providers, small group case-based instruction, and digital medical procedural demonstrations and simulations designed to provide students with exposure to the practical applications in healthcare. Intended for students seeking a career pathway in pre-health professions.

Learning Objectives

- Understanding the basic skills involved in clinical examinations and be able to discuss how they are applied in individual medical disciplines.
- Appreciate the many personal pathways individuals take to prepare for career in healthcare.
- Recognize how members of healthcare team contribute experiences, skill sets, and resources that lead to better overall health outcomes for patients
- Recognize health disparities challenging Arizona and be able to discuss strategies healthcare providers are using to solve them.
- Improve communication skills, including writing, verbal responses, and presentation development and delivery.
- Understand and employ strategies for successful application to health professional schools

Course Instructors:

Dr. Alan Rawls
Dr. John Lynch
Julie Vo

Contact Information and Office Hours

If you have any questions regarding assignments and/or the overall expectations for this course, please reach out to Julie Vo. **You should always contact us through Canvas**, if you are unable to do so, please send an email. Office hours are listed below for Zoom meetings.

Julie.Vo@asu.edu

480-727-3390 (Office Number)

Tues, 12PM-2PM, Interdisciplinary A, Rm 121 or by appointment for Zoom.

Class

This is an ASU Sync course that meets on T, Th from 3:00 to 4:15 pm. The majority of the material will be offered through Zoom or other digital platforms.

Honors Credit

Honors Credit is available for this course. Students interested seeking honors credit should contact Dr. John Lynch (john.lynnch@asu.edu) via e-mail before the second-class meeting. Honors Credit (HON 494)

Students will meet for small-group discussions with Dr. Lynch on select evenings to be determined. There will be a number of meetings throughout the semester. We will discuss three books: Blindspot, Being Mortal and Jerome Groopman's How Doctors Think (ISBN: 978-0-547-05364-6). Expect an email regarding scheduling at the end of the first week of classes. If you haven't yet met with Dr. Lynch regarding your pre-health track, please make an appointment at <http://rebrand.ly/jlynchasu> (choose Pre-Health). Honors credit is only available through the HON course section.

Course Activities

Clinical Examination Skills

Students will be provided with a combination of lectures, readings, videos, and simulations to develop a foundational understanding of the complete subjective health assessment in the context of health and illness. Students have the opportunity to learn how to respond to normal, abnormal, and critical findings when completing a complete subjective health assessment of patients across several medical disciplines.

Meet with Health Care Providers

Students will get the opportunity to meet with and learn from health care providers from multiple medical disciplines. The speakers will represent a diverse set of health professions in order to stress the importance of Teamwork in health care and the multitude of career paths the students may consider. There will also be an emphasis on the health disparities challenging our community and efforts to solve them.

Application Preparation

Students have the opportunity to meet with Pre-Health Advisors, Admissions Committee Members and current students to gain insight on how to be competitive when applying to health professional schools.

Independent Reading

Students will be required to read one of the books from the suggested reading list and complete a writing assignment with prompts.

- Gawande, Atul. Being Mortal: Medicine and What Matters in the End, Picador, 2017
- Banaji, Mahzarin R, and Greenwald, Anthony G. Blindspot: Hidden Biases of Good People, Delacorte Press, 2013
- Fadiman, Anne. The Spirit Catches You and You Fall Down: A Hmong Child, Her American Doctors, and the Collision of Two Cultures. 1997
- Ross, Loretta and Solinger Rickie. Reproductive Justice: An Introduction. 2017

Assessments

Course assessment will be based on the submission of short reflections and an end of the semester report on one of the assigned books.

- A. Reflective writing:** All reflective writings are due two weeks after the event. You will be required to write 400 to 500+ word reflections using the provided prompts on:
1. assigned surgical videos,
 2. assigned articles, and

3. chosen Mayo Clinic continuous medical education modules,

B. Independent Reading: You will be required to read one of the recommended reading and submit a 1000 to 3000 word essay using the provided prompts. The essay is due by the last day of the semester.

Grading Policy

Grading will be Pass/Fail only. Passing this course requires:

1. Completion of at least 80% of the assignments,
2. Cumulative percentage grade of 75% (C) or better,
3. Attending 90% of the scheduled sessions (0-5 missed sessions), and
4. Completing the independent reading assignment.

Absences and Participation Points

This course is designed as a highly interactive course and students are expected to be active participants.

Your attendance in lectures counts as part of your participation grade. Students must attend 90% of live lectures to pass the course. We understand there may be technical difficulties. Lectures with guest speakers will be taped and made available.

Please review <http://www.asu.edu/aad/manuals/acd/acd304-04.html> and <http://www.asu.edu/aad/manuals/acd/acd304-02.html> for information regarding excused absences related to religious observations and university sanctioned activities.

Academic Honesty

Academic honesty is expected of all students in all examinations, papers, and laboratory work, academic transactions and records. The possible sanctions include, but are not limited to, appropriate grade penalties, course failure (indicated on the transcript as a grade of E or EN), course failure due to academic dishonesty (indicated on the transcript as a grade of XE), loss of registration privileges, disqualification and dismissal. For more information, see <http://provost.asu.edu/academicintegrity>.

Accommodating Students with Disabilities

Students who feel they will need disability accommodations in this class but have not registered with the Disability Resource Center (DRC) should contact DRC immediately. The DRC Tempe office is located on the first floor of the Matthews Center Building. DRC staff can also be reached at: (480) 965-1234 (V) or (480) 965-9000 (TTY). For additional information, visit <http://www.asu.edu/studentaffairs/ed/drc/>.

Classroom Rules of Conduct

Students should arrive on time, stay for the entire class, and be an active participant in class discussions and lectures. As this course will be run similar to a Carpentries Workshop, please review their code of conduct, https://docs.carpentries.org/topic_folders/policies/code-of-conduct.html.

Copyright Infringement

Students must refrain from uploading to any course shell, discussion board, or website used by the course instructor or other course forum, material that is not the student's original work, unless the students first comply with all applicable copyright laws; faculty members reserve the right to delete materials on the grounds of suspected copyright infringement.

Policy Against Threatening Behavior

All incidents and allegations of violent or threatening conduct by an ASU student (whether on-or off campus) must be reported to the ASU Police Department (ASU PD) and the Office of the Dean of Students. If either office determines that the behavior poses or has posed a serious threat to personal safety or to the welfare of the campus, the student will not be permitted to return to campus or reside in any ASU residence hall until an appropriate threat assessment has been completed and, if necessary, conditions for return are imposed. ASU PD, the Office of the Dean of Students, and other appropriate offices will coordinate the assessment in light of the relevant circumstances.

Title IX and Mandated Reporting

Title IX is a federal law that provides that no person be excluded on the basis of sex from participation in, be denied benefits of, or be subjected to discrimination under any education program or activity. Both Title IX and university policy make clear that sexual violence and harassment based on sex is prohibited. An individual who believes they have been subjected to sexual violence or harassed on the basis of sex can seek support, including counseling and academic support, from the university. If you or someone you know has been harassed on the basis of sex or sexually assaulted, you can find information and resources at <https://sexualviolenceprevention.asu.edu/faqs>.

As a mandated reporter, I am obligated to report any information I become aware of regarding alleged acts of sexual discrimination, including sexual violence and dating violence. ASU Counseling Services, <https://eoss.asu.edu/counseling>, is available if you wish to discuss any concerns confidentially and privately.

2021 Fall 494: Intro to Clinical Healthcare Tentative Course Schedule			
Introduction	8/19/21	Syllabus Review	Meet Your Instructors
Module 1 Clinical Examinations	8/24/21	The Clinical Encounter	Dr. Andrea Irving, DO
	8/26/21	Subjective	Dr. Andrea Irving, DO History Taking Guide
	8/31/21	Objective & Assessment	Dr. Andrea Irving, DO
	9/2/21	Assessment & Plan	Dr. Andrea Irving, DO Informed Consent
Module 2 Radiology	9/7/21	Radiology	Dr. Daniel Gridley, MIHS
	9/9/21	Radiology	No Class
	9/14/21	Radiology	Dr. Randy Richardson, Creighton University
	9/16/21	Radiology	Patient/Provider Application CME: Sports Medicine for the Primary Care Provider
Module 3 Cardiology	9/21/21	Cardiology	Dr. Hari Chaliki Mayo Clinic
	9/23/21	Cardiology	No Class
	9/28/21	Cardiology	Dr. Wayne Franklin Phoenix Children's Hospital
	9/30/21	Cardiology	Patient/Provider Application CME: Heart of the Matter
Module 4 Women's Health	10/5/21	Women's Health	Dr. Claudia Chambers, MD, MBA, FACOG Assistant Dean of Admissions Creighton University Phoenix, Department of Obstetrics and Gynecology Dignity Health Medical Group
	10/7/21	Women's Health	Brittany DiVito, FNP Refugee Family Medicine Clinic, Valleywise Community Health Center
	10/12/21	Fall Break	No Class
	10/14/21	Women's Health	Patient/Provider Application CME: Women's Health Update
Module 5: Other Health Professions	10/19/21	PT/OT	Bree Stalhut, Senior Admissions Counselor Creighton University, School of Pharmacy and Health Professions
	10/21/21	Veterinary Medicine	Dr. Juliane Daggett-Vondras Clinical Veterinarian – Training and Research Research Support Services Department of Animal Care and Technologies Arizona State University
	10/26/21	Optometry	Dr. Christina Pham Chair- Admissions Committee Optometry Program Western University of Health Sciences
	10/29/21	Dentistry	Dr. Jeri Bullock, DDS Director of Admissions, University of Utah, School of Dentistry Procedure Review: Select from Ophthalmologic, Oral, or Veterinary Surgery Procedure Review: Select from Ophthalmologic, Oral, or Veterinary Surgery
Module 6: Other Health Professions	11/2/21	Alternative Medicine	Southwest College of Naturopathic Medicine- Tempe Course Withdrawal Deadline 11/3/21
	11/4/21	Pharmacy	Dr. Michael Dietrich, Dr. Suzanne Larson Midwestern University

	11/9/21	Public Health	Guest Speaker Drug Research Reflection
	11/11/21	Veteran's Day	No Class
Module 7 Application Preparation	11/16/21	Timing of Application	Meet your Pre-Health Advisors
	11/18/21	Activities, Personal Statements, & Secondary Essays	Meet your Pre-Health Advisors
	11/23/21	Q&A	Meet your Pre-Health Advisors Experience Profile 5 Schools Research
	11/25/21	Thanksgiving Break	No Class
Last Week of Class Admissions Panels	11/30/21	MD/DO Programs	Patrick Middleton, Director of Admissions, The University of North Texas Health Science Center at Forth Worth, Texas College of Osteopathic Medicine Dr. Glen Fogerty, Associate Dean, Admissions of Recruitment, Director of MD/MBA Program, University of Arizona College of Medicine-Phoenix Dr. Nichole Zehnder, MD, Associate Dean for Educational Strategy, Washington University in St. Louis School of Medicine
	12/2/21	Physician Assistant Programs	MEDEX Northwest Physician Assistant Training Program at University of Washington
Finals Week	12/7/21		No Class
	12/9/21		No Class Independent Reading Assignment Due at 11:59PM No Late Work Accepted.