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University COVID-19 Information,
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HHPH 416.81B Epidemiology

COURSE SYLLABUS: Fall 2026

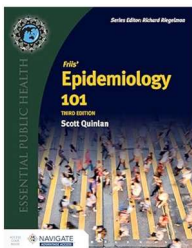
INSTRUCTOR INFORMATION

Instructor: Ellie Klee, Adjunct Professor
Office Location: Online
Office Hours: By Appointment
Office Phone: 903-886-5349
University Email Address: Ellie.Klee@etamu.edu
Preferred Form of Communication: **Email; Scheduled appointments**
Communication Response Time: 48 business hours

COURSE INFORMATION

Course Value: Three (3) Credit Hours
Course Location/Time: Online

Materials – Textbooks, Readings, Supplementary Readings



Textbook(s) Required: Friis RH. Epidemiology 101:
Essential Public
Health Series. Burlington, MA: Jones and Bartlett Publishers;
2024.
ISBN-13: 978-1284229097

Inclusive Access to book is automatically provided on D2L, no need to purchase independently

Optional Texts and/or Materials: All course written assignments are to be submitted in APA format style unless otherwise noted in the assignment directions. All students are encouraged to have a current copy of the APA Publication Manual: ***Publication Manual of the American Psychological Association, (7th ed.)***.

The syllabus/schedule are subject to change

Course Description

This course covers applications of epidemiologic methods and procedures to the study of the distribution and determinants of health and diseases, morbidity, injuries, disability, and mortality in populations. Epidemiologic methods for the control of conditions such as infectious and chronic diseases, mental disorders, community and environmental health hazards, and unintentional injuries are discussed. Other topics include quantitative aspects of epidemiology, for example, data sources, measures of morbidity and mortality, evaluation of association and causality, study design, and screening for disease.

Student Learning Outcomes:

By the end of the course, the successful student should be able to:

1. Discuss the history, philosophy, and uses of epidemiology.
2. List sources of epidemiologic data and define related measures of morbidity and mortality.
3. Define the term *descriptive epidemiology*, and describe the applications of descriptive epidemiology to the health of populations.
4. State what is meant by the terms *association* and *causation*.
5. Define the term *analytic epidemiology*, and differentiate among the types of analytic research designs.
6. Define the term *evidence-based public health*, and discuss its applications.
7. Discuss the applications of epidemiology to policy development.
8. Discuss screening for disease and calculate related measures.
9. Describe applications of epidemiology to outbreak investigation, social and behavioral phenomena, and special topics including work and the environment.

COURSE REQUIREMENTS

Minimal Technical Skills Needed

Using the learning management system, using Microsoft Word, PowerPoint, and Excel, using university email, and using Google Docs / Slides.

Instructional Methods

Instructional method is primarily lecture and class discussion. Students will be assessed through the use of quizzes, short written assignments, and one or two exams spaced throughout the semester.

The instructor has the right to modify the outline of the course.

Student Responsibilities or Tips for Success in the Course

Strong reading and writing skills:

- Most of the material in the online environment will come from your textbooks, discussions, lectures, and videos; therefore, strong reading, writing and critical thinking skills are very important for success in an online course.
- Success in this class will come from independent reading of textbook chapters as well as other assigned material.

Time commitment:

- Plan to spend at least as much time working on the assignments and studying as you would with a traditional course. As the semester progresses, more time may be required to complete the components of the final project/assignment.
- For assignments, it is highly recommended that students do not wait until the last minute to complete assignments, discussion boards or exams. Communication is important! If you have questions, concerns, are struggling with understanding material, will be missing class, etc. please notify the instructor.

GRADING

Final grades in this course will be based on the following scale:

A = 90%-100%

B = 80%-89%

C = 70%-79%

D = 60%-69%

F = 59% or Below

Total points corresponding to the final letter grades

A = 900-1000 points, B= 800-899, C= 700-799, D= 600-699, F= 599 & below points

Please see the listing below of all assignments and the grading criteria for the course.

Grading Criteria:

Introductions/Syllabus Quiz	30 Points
Homework Assignments & Quizzes	180 Points
Midterm	120 Points
DEP Annotated Bib/Lit Review	75 Points
DEP Topic Selection	15 Points
DEP Abstract/Outline	50 Points

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DEP Data/Graphs	80 Points
Final DEP Paper	150 Points
DEP Presentation/Peer Review/Survey	150 Points
Final Exam	150 Points
Total Possible Points	1,000 Points

- It is your responsibility to regularly monitor your points in the D2LGrade Center. If you notice a discrepancy, contact me immediately. Do not wait until the end of the semester to question your grades.
- **If you drop the class, and you are not passing the course, the grade assigned will be “Dropped Failing.”**

As a major course, a grade of “C” or better is required.

Assessments

All coursework/ assignments (unless otherwise stated) need to be written and formatted per APA Publication Manual (7th Ed).

The student will be responsible for obtaining all materials presented online and assigned readings from the textbook. All class assignments must be turned in online. No emailed work will be accepted. **Unless otherwise specified, all assignments are due ONLINE by 11:59 PM on the specified due date.** No late work accepted for exams or project group submissions.

- **Late Work Policy for select individual assignments (except exams or final project).**
 - Every student is granted one late assignment to be graded for full credit.
 - After the first late assignment, one additional late assignment can be submitted to be graded for up to half credit.
 - After the second late assignment, no late work will be accepted.

**All Group Engagement must occur via a platform that allows for group work (Zoom & Google Docs). All members must attend group meetings and participate in accordance with the group contract. If no participation, (attending meetings, contributing to work etc), this will be used as an indication you are not actively participating, resulting in working alone and not getting credit on work that has been done thus far.*

A. Introduction Video & Syllabus Quiz (30 Points)

a. Introduction Video (15 Points)

b. Syllabus Quiz (15 Points)

- Students will be required to complete a syllabus quiz after reviewing the course introduction material (syllabus, course schedule, welcome video). This quiz will be based on all required introduction materials.

B. Midterm Exam (120 points)

A midterm exam will be administered, covering the information in the book and lectures. The test will consist of objective questions (T/F, multi-select, fill in the blank and multiple choice) and application questions. **No late/ make-up exam will be given, unless arrangements are made prior to the exam or a verifiable medical excuse is provided*

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within 3 days.

C. Homework Assignments & Quizzes (180 points)

As a part of learning and application, students will be required to complete homework assignments and quizzes (2 assignments and 4 quizzes x 30 points each). These assignments and quizzes will be based on the assigned readings and lectures. To complete these, students should first read the assigned readings and watch the associated lecture videos. Directions for each will be provided on D2L in the corresponding week/chapter folder.

D. Descriptive Epidemiology Project (520 Points)*

a. Descriptive Epidemiology Project (DEP) Topic Selection (15 Points)

b. DEP Annotated Bibliography/Literature Review Assignment (75 Points)

i. In order to complete your DEP assignment, you will need to do research. This assignment requires your assigned group to find 16 peer-reviewed journal articles (less than 5 years old) focusing on various aspects of your selected health issue.

ii. Each group member will read & annotate 3 different articles selected.

c. DEP Abstract and Outline (50 Points)

d. DEP Data/Graphs (80 Points)

i. Each group will submit the description data related to their DEP topic. This will include graphs created by the students showcasing rates, as well as interpretations for those graphs and data.

e. DEP Paper (150 points)

i. Your class project is to write a descriptive Epidemiology paper (DEP) on a selected health problem related to health promotion.

f. DEP Presentation (130 points)

i. Each student will prepare a PowerPoint presentation featuring a research poster to showcase and present in a 10-12 minute presentation that can be showcased at a virtual Epidemiology conference.

ii. Your presentation must allow viewers to see your Poster AND the presenter as you present (video must be on).

g. DEP Presentation Peer Review (15 Points)

i. You will be assigned another classmate's presentation to watch and review using a template to post in the associated discussion board.

h. DEP Group Member Survey (5 Points)

i. Each group member will be asked to complete a survey reviewing their group members' participation in the group project.

See Project Guidelines on D2L for more directions

E. Final Exam (150 Points)

A comprehensive final exam will be administered, covering the information in the book and lecture discussions. The test will consist of objective questions (T/F, multi-select, fill in the blank, and multiple choice) and application questions.

**No late/ make-up exam will be given, unless arrangements are made prior to the exam or a verifiable medical excuse is provided within 3 days.*

See D2L for details on all course assignments.

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TECHNOLOGY REQUIREMENTS

LMS

All course sections offered by East Texas A&M University have a corresponding course shell in the myLeo Online Learning Management System (LMS). Below are technical requirements

LMS Requirements:

<https://community.brightspace.com/s/article/Brightspace-Platform-Requirements>

LMS Browser Support:

https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm

YouSeeU Virtual Classroom Requirements:

[https://support.youseeu.com/hc/en-us/articles/115007031107-Basic-System-Requirements \](https://support.youseeu.com/hc/en-us/articles/115007031107-Basic-System-Requirements)

ACCESS AND NAVIGATION

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or helpdesk@etamu.edu.

Note: Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, an ETAMU campus open computer lab, etc.

COMMUNICATION AND SUPPORT

If you have any questions or are having difficulties with the course material, please contact your Instructor.

Technical Support

If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found here:

<https://community.brightspace.com/support/s/contactsupport>

Interaction with Instructor Statement

E-mail strategy: You are welcome to email your questions or concerns to me. There are, however, some caveats associated with email that you must remember:

1. A reasonable response time to emailed questions is 24 - 48 business hours.
2. Questions emailed on weekends may not receive a response until the work week begins.
3. As the instructor, I reserve the right to answer emailed questions regarding assignments, tests, discussion boards, etc., in a direct email/announcement post to everyone for the benefit of all students.
4. Please be courteous and professional in all of your interactions with fellow classmates and instructor.

COURSE AND UNIVERSITY PROCEDURES/POLICIES

I strongly recommend that you read assigned chapters. Power-point presentations should not be used as a substitute for reading the chapter readings. Because group discussion will be used for a portion of the class, it is absolutely necessary that class readings be read.

✓ This class may have an “experiential learning” component that will require attendance and travel outside of class. For these activities/sessions, attendance is required as grades are contingent on participation. Those dates will be clearly outlined in the syllabus schedule.

1. Attendance counts as logging in, completing work weekly.
 - a. Inclusive of active involvement in class discussions, assignments, quizzes and active participation in group activities.
2. An “excused absence” is defined as a documented university approved activity. The instructor reserves the right to change the content or format of all make-up work. The student is responsible for making up missed work. If the absence is one of the reasons listed below, you will be able to make up the work. To reserve this right, you MUST provide written documentation on the day of your return to class (a copy that I can keep). Please notify me ahead of time if you know you will be absent.
 - a. Participation in an activity appearing on the University’s authorized activity list. ii. Death or major illness in a student’s immediate family.
 - b. Illness of a dependent family member
 - c. Participation in legal proceedings or administrative procedures that require a student’s presence.
 - d. Religious Holy Day (please let instructor know at the beginning of the semester so as to discuss alternative accommodations as appropriate)
 - e. Illness that is too severe or contagious for the student to attend class (to be determined by the Health Center or off campus physician).
 - f. Required participation in military duty
3. Any student *missing a quiz or exam* without prior arrangement (and adheres to excused absences) will receive a *score of zero*.
4. You MUST be familiar with D2L; familiarize yourself with the online portion of the class.
5. You MUST check your email regularly in case I need to communicate with you. I will not email you junk, and I request that you do the same for me.
6. NO PROFANITY. No inappropriate or offensive language or gestures. No inappropriate or offensive clothing. This will not be tolerated and you will be asked to leave and it will be

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considered an unexcused absence for the day.

Make-up Work

Make-up of coursework will follow university protocols as listed above. Life circumstances do happen and in those instances, I encourage you to reach out as soon as possible so we can review and discuss potential make-up/extensions. In most cases:

- Send a notification at least 48 hours business hours prior to the end of the course week a particular assignment is due in order to verify your reason for missing coursework (rare circumstances and/or excused absences).

Syllabus Change Policy

The syllabus is a guide. Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester. Any changes made to the syllabus will be announced in advance.

University Specific Procedures

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. The Code of Student Conduct is described in detail in the [Student Handbook](https://www.etamu.edu/student-handbook/)

<https://www.etamu.edu/student-handbook/>

Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum: <https://www.britannica.com/topic/netiquette>

ETAMU Attendance

For more information about the attendance policy please visit the [Attendance Procedure](#) webpage and

Academic Integrity

Students at East Texas A&M University are expected to maintain high standards of integrity and honesty in all of their scholastic work. For more details and the definition of academic dishonesty see the following procedures:

[Undergraduate Academic Dishonesty 13.99.99.R0.03](#)

[Undergraduate Student Academic Dishonesty Form](#)

Students with Disabilities–ADA Statement

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services

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East Texas A&M University
Velma K. Waters Library Rm 162
Phone (903) 886-5150 or (903) 886-5835
Fax (903) 468-8148
Email: studentdisabilityservices@etamu.edu
Website: [Office of Student Disability Resources and Services](#)

Nondiscrimination Notice

East Texas A&M University will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

Campus Concealed Carry Statement

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in East Texas A&M University buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and East Texas A&M University Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations.

For a list of locations, please refer to the [Carrying Concealed Handguns On Campus](#) document and/or consult your event organizer.

Web url:

<https://inside.tamuc.edu/aboutus/policiesproceduresstandardsstatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf>

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all A&M-Commerce campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

Mental Health and Well-Being

The university aims to provide students with essential knowledge and tools to understand and support mental health. As part of our commitment to your well-being, we offer access to Telus Health, a service available 24/7/365 via chat, phone, or webinar. Scan the QR code to download the app and explore the resources available to you for guidance and support whenever you need it.



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HHPH 416: EPIDEMIOLOGY

COURSE OUTLINE / CALENDAR

COURSE OUTLINE: Fall 2026

Please note that this schedule is tentative and is subject to change.

Week #	Topics	Assigned Readings	<i>*All assignments are due SUNDAY by 11:59 PM CST</i> Assignments & Exams
Week 1 (8/20-8/23)	Introduction	Course material	Introduction Video, Syllabus Quiz
Week 2 (8/24-8/30)	Epidemiology & Data Presentation	Chapter 1 Chapter 2	
Week 3 (8/31-9/6)	Measures of Disease	Chapter 3 <i>Review DEP Project Materials</i>	Homework 1
Week 4 (9/7-9/13)	Data & Disease Occurrence	Chapter 4	Quiz 1 (on Ch. 1-3) DEP Project Topic Selection
Week 5 (9/14-9/20)	Descriptive Epidemiology	Chapter 5	DEP Annotated Bibliography
Week 6 (9/21-9/27)	Association & Causality	Chapter 6	Quiz 2 (on Ch. 4-5)
Week 7 (9/28-10/4)	Current Health Events		DEP Paper Outline & Abstract

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Week 8 (10/5-10/11)	Review Fall Break 10/8 - 10/11		Exam 1 (on Ch. 1-6)
Week 9 (10/12-10/18)	Analytical Epidemiology (Intro to study designs, ecological studies)	Chapter 7	DEP Descriptive Epi Data & Graphs
Week 10 (10/19-10/25)	Analytical Epidemiology (Case-Control, Cohort, & Experimental Studies)	Chapter 7	
Week 11 (10/26-11/1)	Epidemiology & Policy	Chapter 8	Quiz 3 (on Ch. 6-7)
Week 12 (11/2-11/8)	Epidemiology & Disease Screening	Chapter 9	Homework 2
Week 13 (11/9-11/15)	Infectious Disease & Outbreak Investigation	Chapter 10	Quiz 4 (on Ch. 8-9)
Week 14 (11/16-11/22)	Social & Behavioral Epidemiology	Chapter 11	Final DEP Paper
Week 15 (11/23-11/29)	Thanksgiving Week <i>Optional Content: Chapter 12 Special Epidemiologic Applications</i>		
Week 16 (11/30-12/6)	Project Wrap-Up, Review		DEP Presentation, Group Member Survey, Peer Review
Finals Week (12/7- 12/10)	Finals Week		Final Exam DUE THUR 12/10 @ 11:59 PM

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