



The mission of Concord University is to provide quality, liberal arts based education, to foster scholarly and creative activities and to serve the regional community (<http://www.concord.edu/academics/>).

## **Course Prefix, Number and Title: HLTH 540 Epidemiology in Health**

**Course CRN # and Section 20723 2AS**

<b>Semester Taught:</b>	<b>Spring 2019</b>	<b>Professor:</b>	<b>Jill A. Nolan</b>
<b>Credit Hours:</b>	<b>3</b>	<b>Office Location:</b>	<b>301H Carter Center</b>
<b>Prerequisites:</b>	<b>HLTH 500</b>	<b>Office Hours:</b>	<b>MTWR 9:45-11:00</b>
<b>Course Time:</b>	<b>Online</b>	<b>Email:</b>	<b><a href="mailto:jnolan@concord.edu">jnolan@concord.edu</a></b>
<b>Building and Room Number:</b>	<b>Online</b>	<b>Phone:</b>	<b>304-384-6327</b>
		<b>Office Fax:</b>	<b>304-384-5117</b>
		<b>College/Department Website:</b>	<b><a href="http://www.concord.edu/healthpromotion/node/1">www.concord.edu/healthpromotion/node/1</a></b>

**Course Description/Rationale:** Introduction and overview of principals related to epidemiology; including major study designs, statistical gathering techniques, epidemiology of infectious and chronic diseases, data interpretation, and measures of mortality and morbidity

**Course Management System:** Blackboard

**Hardware/Software Needed:** You must be able to access Blackboard at [elearn.concord.edu](http://elearn.concord.edu). You must also be able to create written documents in Microsoft Word compatible format

**Text requirements:** *Epidemiology for Public Health Practice*, (5th edition), Friis, R. H., & Sellers, T. A., ISBN: 9781449665494 The 4<sup>th</sup> edition should also be fine

### **Concord University Educational Goal(s)**

1. Skills: Demonstrate advanced skills in a student's respective program of study.

2. Knowledge: Demonstrate advanced knowledge in a student's respective program of study.

3. Attitude: Demonstrate advanced ethical principals in a student's respective program of study.

### **Specific Learning Outcomes**

By the end of the course, the student will be able to:

- Describe the historical evolution, landmark studies, and applications of epidemiology
- Analyze basic epidemiologic concepts, including the natural history of disease, models of disease transmission, levels of prevention, and models of disease causation.
- Compare and contrast the strengths and weaknesses of the major study designs used in epidemiology: cross-sectional, case control, and clinical trials.
- Describe the potential effects of bias, confounding power, and attrition on validity, reliability, and generalizability in epidemiological studies.
- Define and calculate incidence, prevalence, rate, ratio, and other measures of risk.
- Discuss how epidemiologic methods have been and are being applied to occupational/environmental health, control of infectious diseases, the study of genetic diseases, and understanding the role of psychological, behavioral, and social factors in disease and health.
- Perform critical analysis of epidemiologic studies.

### **Course Requirements**

**Students are expected to submit work on time. Please download the course check list on Blackboard for all due dates.**

- 20% Midterm
- 20% Final
- 20% Article critique discussions
- 40% Module Assignments (4)

### **Grading Policy and Scale, Make-up Policy, Late Work**

**90-100 A**

**80-89 B**

**70-79 C**

**60-69 D**

**0-59 F**

**Late work is subject to a 20% grade deduction. You must notify the instructor if your work will be late. Acceptance of late work is at the discretion of the instructor.**

## **Course Timeline (Schedule of Assignments/Assessments/Presentations)**

Module 1

Module 2

Midterm

Module 3

Module 4

Final

**Please consult the course checklist on blackboard for all due dates and the complete schedule.**

### **Accessibility/Accommodations:**

Concord University is committed to responding to the needs of students with disabilities as defined by the Americans with Disabilities Act. Please inform your instructor at the beginning of the class semester if you have a disability and are requesting accommodations. It is your responsibility to self-disclose that you are requesting accommodations. The University and instructor will provide you with a reasonable accommodation. You should register with CU's Disability Services Office, located in the Athens campus Jerry and Jean Beasley Student Center, Bottom Floor, across from the Campus Post Office. The Disability Services Office phone is 304-384-6086 or you can email the Director, Nancy Ellison, at nellison@concord.edu for assistance.

### **Academic Dishonesty**

Academic dishonesty is morally unacceptable as well as destructive to the learning and teaching atmosphere. Academic dishonesty includes the giving or receiving of improper help on examinations or assignments, falsifying documents, and plagiarism (the act of stealing and using, as one's own, the ideas or the expression of the ideas of another). Such dishonesty can lead to a variety of penalties — including but not limited to failure of assignment, failure of course, loss of institutional privileges, or dismissal from the University. (See University Catalog Academic Policies and Procedures.)

### **Concord University Honor Code**

A Concord University Honor Code was approved by students, staff, faculty, administration, and the CU Board of Governors. The Code states:

*"As a member of the Concord University Community I will act with honesty and integrity in accordance with our fundamental principles and I will respect myself and others while challenging them to do the same."*

The Honor Code is intended to unite the Concord community behind a culture of honesty, integrity, and civility.

### **Class/Online Attendance Policy**

Regular class attendance is part of a student's academic obligation at Concord. Irregular attendance may affect academic performance adversely and is detrimental to the atmosphere of a class. (See University Catalog Academic Policies and Procedures.)

### **Emergency Alert System**

In an effort to increase safety and security on our campus, Concord University encourages everyone to register for instant text message alerts. Alerts will only be used for security and safety notices. All students, faculty, and staff are eligible to receive text message alerts on their cell phones or email alerts. Please contact the IT Help Desk for further assistance (304-384-5291).

### **Emergency Information**

Emergency/courtesy telephones are located at the main entrance of each residence hall and at various other locations on campus. Emergency telephones can be identified by the flashing blue light and will provide the user with a direct link to Public Safety at the press of a button. To report an on-campus emergency, call 304-384-5357 or 911. The Office of Public Safety is located on the bottom floor of the Rahall Technology Center. For further emergency information go to:

<http://www.concord.edu/administration/office-public-safety>.

### **Inclement Weather Policy**

As a general policy, the University will remain in normal operations during adverse weather conditions. In the event of severe weather conditions, the following may occur:

#### University Closure

No students or employees are to report.

#### Classes Cancelled

Students do NOT report BUT employees are expected to report to work at their normal time.

#### Operating on an Inclement Weather Delay

Under this schedule, all 8 a.m. classes will start at 10 a.m. Students and faculty will follow the Inclement Weather Schedule. (See <http://www.concord.edu/emergency-alerts> for Athens/Beckley Inclement Weather Schedules.)

*\*Announcements invoking the late schedule or other options referenced above are aired on area radio and television stations and are sent as text and email messages to those enrolled for this service.*

### **Student Conduct**

In classrooms, online, laboratories, and during any activities that are part of course requirements, students are expected to observe reasonable rules of conduct.

### **Sexual Harassment & Assault**

Federal law, Title IX, and Concord University policy prohibits discrimination, harassment, and violence based on sex and gender (Including sexual harassment, sexual assault, domestic/dating violence, stalking, sexual exploitation, and retaliation). If you or someone you know has been harassed or assaulted, you can receive confidential counseling support through the Concord University Counseling Center (304-384-

5290). Alleged Violations can be reported non-confidentially to the Concord University Title IX Coordinator at 304-384-6327 or [titleix@concord.edu](mailto:titleix@concord.edu). Reports to Campus Security can be made at (304-384-5357). As an employee at Concord University, I am a mandatory reporter which means I must report any sexual misconduct I am made aware of. This includes verbal or written (such as in an assignment) disclosures of sexual harassment or sexual assault.

### **Technology Services**

Contact the CU Help Desk at extension 5291 from campus or 304-384-5291 off campus. You may also e-mail [cuhelpdesk@concord.edu](mailto:cuhelpdesk@concord.edu).

### **Syllabus Disclaimer**

**"This syllabus is subject to change based on the needs of the class. Please check it regularly."**