## Interprofessional Approach to the Epidemiology of Infectious Disease

### Course Description
This course reviews the principles of applied epidemiology and surveillance of infectious disease using a service learning interprofessional community approach to problems experienced in rural eastern North Carolina. Collaboration with public health is done using technologies available.

### Course Objectives
- Apply the epidemiological principles to infectious diseases including Covid 19
- Demonstrate the following core competencies in completing epidemiological case studies (values/ethics for interprofessional practices; roles/responsibilities; interprofessional communication; and teams/teamwork
- Exercise interprofessional strategies to create a continuum of care that will ultimately improve community safety in infectious disease management and the ongoing Covid-19 pandemic

### Course Activities
**Modules**
- Module 1: Introduction to Epidemiology
- Module 2: Public Health Surveillance Complete
- Module 3: Covid 19 Epidemiology and Pathophysiology
- Module 4: Covid 19 Vaccine Pharmacology Categories
- Module 5: Interprofessional Competencies
- Module 6: Applied Epidemiology in Populational Health Interprofessional Management

### Course Schedule Requirements
Open schedule, coordinating with public health personnel for informational needs using Webex or other technologies to collaborate.

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<tr>
<th>Duration</th>
<th>2 Weeks</th>
<th>Location</th>
<th>Online</th>
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<td>Designation</td>
<td>Elective, Non-Clinical, Online</td>
<td>Revised</td>
<td>04.07.2021</td>
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