

**WILMINGTON UNIVERSITY
COLLEGE OF TECHNOLOGY
BASIC COURSE INFORMATION**

COURSE TITLE: Computer Incident Response

COURSE NUMBER: SEC 370

I. MAJOR INSTRUCTIONAL OBJECTIVES:

Objective A: Explain how to execute a basic computer search and seizure

A-1: Explain basic forensic imaging principles

A-2: Perform the collection of on-screen data from Windows systems.

A-3: Perform the collection of volatile data from running systems using trusted tools or scripts

Objective B: Identify and use different forensic products as they provide other forensic solutions.

B-1: Use software-based imaging tools to obtain a forensic image of digital media

B-2: Use software tools to generate hash values for collected data and forensic images

B-3: Demonstrate how to properly handle and track evidence

Objective C: Formulate a forensic strategy utilizing the latest forensic technologies.

C-1: Explain the basic forensic concepts, principles, fundamentals and processes of disk partitioning, data storage, and common file systems

C-2: Examine and explain the Windows registry

C-3: Assess and document a computer search and seizure

Objective

PARTICIPATION:

Students are expected to attend class and participate actively and in a positive way. All relevant observations are encouraged and enrich the experience of the students. Computers in the classrooms are intended to be used as tools to enhance the learning experience. Instant messaging, gaming, emailing, and surfing the web are prohibited. To the student, the surrounding students, and the instructor and constitute inappropriate behavior. Students are ethically obliged to avoid these and similar