

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

COURSE TITLE: Foundations in Cyber Investigations

COURSE NUMBER: SEC 240

I. MAJOR INSTRUCTIONAL OBJECTIVES:

Objective A: Explain the fundamentals of cyber investigations.

A-1: Explore cyber investigations and the scope of a cyber investigator throughout an investigation.

A-2: Describe the different categories that make up cyber-crimes.

A-3: Explain the difference between criminal investigations, civil cases, and intelligence operations.

Objective B: Collect & analyze digital evidence pertinent to a cyber investigation(s).

B-1: Describe basic internetworking fundamentals to include URLs, IP addressing, and Internet Service Providers (ISP).

B-2: Perform trace activities to locate owners, service providers, and domain registrants.

B-3: Investigate web browser and system artifacts to include log files, metadata, SMTP messages, and malware.

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student, the surrounding students, and the instructor and constitute inappropriate behavior. Students are ethically obliged to avoid these and similar practices.

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