

ITSY 2342.083FE: Incident Handling and Response

Course Syllabus, Fall 2026, Second 8-Week Session (October 19 to December 10, 2026). Format: Online.

"Northeast Texas Community College exists to provide personal, dynamic learning experiences empowering students to succeed."

Instructor Information

- **Instructor:** Sebastian Barron
- **Email:** sbarron@ntcc.edu
- **Office Hours:** By appointment in Microsoft Teams. Email me to set up a time.
- **Response Time:** I respond to email within 24 hours.

This syllabus serves as the documentation for all course policies and requirements, assignments, and instructor and student responsibilities. Information about how the course content is delivered is subject to change. If that happens, you will be notified.

Course Description

3 credit hours. Two hours of lecture and two hours of lab each week. Prerequisite: Basic computer knowledge.

Student Learning Outcomes

Upon completion of this course, the student should be able to:

1. Identify various types of cyber security threats, attack vectors, threat actors, and their motives, goals, and objectives of cyber security attacks.
2. Understand the fundamentals of incident management, vulnerability management, threat assessment, risk management, and incident response automation and orchestration.
3. Compare and contrast different incident handling and response best practices, standards, cybersecurity frameworks, laws, acts, and regulations.
4. Analyze the steps involved in planning an incident handling and response program.
5. Comprehend the fundamentals of computer forensics and forensic readiness, and the importance of first response and first response procedures.
6. Handle and respond to different types of cybersecurity incidents in a systematic way.

Required Instructional Materials

- EC-Council Certified Incident Handler (ECIH) official eCourseware, ISBN 9781635673036
- EC-Council iLabs for ECIH v3 (8 labs, lab code included with your course materials). See Set Up Your eBook and EC-Council iLabs in the Blackboard Start Here module.

Optional Instructional Materials: None.

Minimum Technology Requirements

A Windows computer is required for this course. You should know how to use a web browser to access the internet and perform basic application and file management tasks.

Course Schedule

Each week has its own folder in Blackboard and opens on Monday at 12:00 AM. Weekly work is due **Sunday at 11:59 PM (Central Time)** unless noted. Weeks marked iLab include an EC-Council iLab and a matching lab assignment.

Week	Dates	Topics	Due
1	Oct 19 to Oct 25	Chapter 1: Introduction to Incident Handling and Response Introductory Discussion; iLabs setup	Sunday, Oct 25
2	Oct 26 to Nov 1	Chapter 2: Incident Handling and Response Process (iLab) Chapter 3: First Response	Sunday, Nov 1
3	Nov 2 to Nov 8	Chapter 4: Handling and Responding to Malware Incidents (iLab) Chapter 5: Handling and Responding to Email Security Incidents (iLab)	Sunday, Nov 8
4	Nov 9 to Nov 15	Chapter 6: Handling and Responding to Network Security Incidents (iLab) Chapter 7: Handling and Responding to Web Application Security Incidents (iLab)	Sunday, Nov 15
5	Nov 16 to Nov 22	Chapter 8: Handling and Responding to Cloud Security Incidents (iLab) Chapter 9: Handling and Responding to Insider Threats (iLab)	Sunday, Nov 22
6	Nov 23 to Nov 29	Chapter 10: Handling and Responding to Endpoint Security Incidents (iLab) Thanksgiving Break Nov 25 to 27	Sunday, Nov 29
7	Nov 30 to Dec 3	Review and EC-Council certification exam preparation	Thursday, Dec 3
8	Dec 4 to Dec 10	Final Project and Final Exam Optional EC-Council ECIH certification exam	Thursday, Dec 10

Important Dates

- **Monday, October 19:** First class day.
- **Monday, October 26:** Census day.
- **Tuesday, November 24:** Last day to withdraw with a grade of "W".
- **November 25 to 27:** Thanksgiving Break.
- **Thursday, December 3:** Last class day.
- **December 4 to 10:** Final examinations.

Evaluation and Grading Policy

Category	Weight
Labs (EC-Council iLab assignments)	60%
Assignments (reading assignments, case studies, and the Final Project)	15%
Quizzes and Final Exam	15%
Discussions	10%

Communications

Email and Microsoft Teams are the official communication channels for this course. You can reach me at sbarron@ntcc.edu, and I will respond within 24 hours. Install Microsoft Teams on your phone and sign in with your NTCC credentials.

Institutional and Course Policies

Online Access

You must log in and post in the Introductory Discussion during the first week of the session. Submitting assigned work also counts as communication.

Class Attendance

- Participation in the Blackboard course counts as attendance. Withdrawal requests must be initiated by the student. Refer to the schedule of classes at <https://www.ntcc.edu/schedules> for drop dates.
- Withdrawal requests become official on the date they are received in the Records Office. Students who stop participating in the course but do not drop it will earn an "F" for the course.

Late Work

Assignments can always be submitted early. Technology will fail at some point, so don't wait until the last minute. Each week's assignments close at the due date shown in Blackboard. **I do not accept late work.**

NTCC Academic Honesty and Ethics Statement

NTCC upholds the highest standards of academic integrity. The college expects all students to engage in their academic pursuits in an honest manner that is beyond reproach, using their intellect and resources designated as allowable by the course instructor. Students are responsible for addressing questions about allowable resources with the course instructor. Academic dishonesty such as cheating, plagiarism, and collusion is unacceptable and may result in disciplinary action. This course will follow the NTCC Academic Honesty and Academic Ethics policies stated in the Student Handbook. Refer to the Student Handbook for more information on these subjects.

ADA Statement

It is the policy of NTCC to provide reasonable accommodations for qualified individuals who are students with disabilities. This College will adhere to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations as required to afford equal educational opportunity. It is the student's responsibility to request accommodations. An appointment can be made with the Academic Advisor/Coordinator of Special Populations located in Student Services, who can be reached at 903-434-8264. For more information and to obtain a copy of the Request for Accommodations, refer to the Special Populations page on the NTCC website.

Family Educational Rights and Privacy Act (FERPA)

The Family Educational Rights and Privacy Act (FERPA) is a federal law that protects the privacy of student education records. The law applies to all schools that receive funds under an applicable

program of the U.S. Department of Education. FERPA gives parents certain rights with respect to their children's educational records. These rights transfer to the student when he or she attends a school beyond the high school level. Students to whom the rights have transferred are considered "eligible students." In essence, a parent has no legal right to obtain information concerning the child's college records without the written consent of the student. In compliance with FERPA, information classified as "directory information" may be released to the general public without the written consent of the student unless the student makes a request in writing. Directory information is defined as: the student's name, permanent address and/or local address, telephone listing, dates of attendance, most recent previous education institution attended, other information including major, field of study, degrees, awards received, and participation in officially recognized activities and sports.