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Transportation Cyber Security
Instructor-led On-line Course Syllabus
September – October, 2020

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Course Material Review

Friday, September 18 – Thursday, October 1, 2020
Students are recommended to review Lessons 1-3 of the course material in Moodle.
      Lesson 1. Why Do Hackers Hack?
      Lesson 2. Field Devices
      Lesson 3. Center-To-Field Network Security

Friday, October 2 – Thursday, October 15, 2020
Students are recommended to review Lessons 4-5 of the course material in Moodle.
      Lesson 4. Back Office/Traffic Management Center
      Lesson 5. The Weakest Link—Users, Operators, and Managers

Conference Calls

Thursday, September 24, 2020, 1:00 – 1:30 PM (ET)
The instructor will introduce the course and let students know what will be expected from them. Students will be able to ask questions about upcoming course workshops and any course material that has been reviewed to date.

Thursday, October 8, 2020, 1:00 – 2:00 PM (ET)
If students have any questions about the course material reviewed to date or the two course workshops, they should submit them to the instructor via email by 9:00 AM (ET) on this date. The instructor will answer them during the conference call and will also discuss Workshops #1.

Thursday, October 22, 2020, 1:00 – 2:00 PM (ET)
The instructor will answer them during the conference call and will also discuss Workshop #2 and the final exam.

Course Workshops

Workshop #1:
Saturday, October 3, 2020 - Students are to post their answer to this workshop in the "Forums" section in Moodle by 11:55 PM (ET) on this date.
Monday, October 5, 2020 - Students should review other student submittals and provide comments to at least three of them by 11:55 PM (ET) on this date.
Grading - Students will receive a grade for this workshop only if they post their answers to the "Forums" section in Moodle and respond to at least three other student submittals by the above dates.

Workshop #2:
Saturday, October 17, 2020 - Students are to post their answer to this workshop in the "Forums" section in Moodle by 11:55 PM (ET) on this date.
Monday, October 19, 2020 - Students should review other student submittals and provide comments to at least three of them by 11:55 PM (ET) on this date.
Grading - Students will receive a grade for this workshop only if they post their answer to the "Forums" section in Moodle and respond to at least three other student submittals by the above dates.

<u>**Final Exam**</u>
Thursday, October 22 – Monday, October 26, 2020
The final exam will be available through Moodle beginning at 2:30 PM (ET) on Thursday, October 22 through 11:55 PM (ET), Monday, October 26, 2020. Students will complete the final exam online through Moodle. In order to receive their course certificate, students will also be required to complete the course evaluation also on-line through Moodle.

<u>**Course Grades**</u>

Grades for the course will be determined by student participation in the following items and will be weighted as shown below. Students need to receive a 70% or better to pass the course and receive Continuing Education Units (CEUs).

Final Exam	65%
Course Workshop #1	15%
Course Workshop #2	15%
Completed Survey	5%
	100%