

Track 1 - Industry Knowledge

Track 2 - Security Operations

Monday, April 29th	
<p>8am - 12pm</p> <p>Instructor: Bob Schively, Enerdynamics Understanding Power System Technologies, Operations, and Markets for the Cybersecurity Professionals This course is designed to provide cybersecurity professionals with foundational understanding of key elements of power industry operations to better inform their security efforts.</p>	<p>Instructors/Speakers: EnergySec Staff Threat Intelligence/Information Sharing Workshop This session will explore techniques, sources, and methods for obtaining, utilizing, generating, and sharing threat intelligence and indicators.</p>
<p>Lunch Provided Lunch will be provided at the venue for all participants.</p>	
<p>1pm - 5pm</p> <p>Course Continues Understanding Power System Technologies, Operations, and Markets for the Cybersecurity Professional</p>	<p>Course continues Threat Intelligence/Information Sharing</p>
<p>Dinner Provided All participants are encouraged to participate in the networking dinner. Details TBD</p>	
<p>Evening Networking Event TBA</p>	

Tuesday, April 30th

8am - 12pm	<p>Instructor: Steve Parker, President, EnergySec NERC CIP Fundamentals for Technical Support Staff This course will provide foundational knowledge of the CIP standards and a deep dive into the three technical standards, CIP-005, Electronic Security Perimeters, CIP-007, System Security Management, and CIP-010, Configuration Change Management and Vulnerability Assessments.</p>	<p>Instructors/Speakers: Dennis Murphy, Director of OT Technical Support, Forescout Technologies, Inc. Introduction to Industrial Control System (ICS) Network Monitoring and Analysis Participants will learn how to identify the protocols being used in OT networks, how to decode them and the tools and procedures to perform network assessments on these networks. There will be two components to this course: an instruction and a hands-on lab. The instruction portion includes an overview of PLC design and operation, basic information on how to identify network connections in various ICS vendors and how to manually decode Modbus and DNP3 protocols. During the lab portion, students will sharpen their network analysis skills, learn about attack modules, and use an NSM tool to automate analysis of pcaps.</p>
12pm - 1pm	<p>Lunch Provided Lunch will be provided at the venue for all participants.</p>	
1pm - 5pm	<p>Course continues NERC CIP Fundamentals for Technical Support Staff</p>	<p>Course continues Introduction to Industrial Control System (ICS) Network Monitoring and Analysis</p>
6pm - 10pm	<p>Dinner, Networking, and Baseball Take us out to the ballpark! We've reserved the 1st base party terrace at BB&T Park. Join us for a buffet dinner, networking, and enjoy the game between the Charlotte Knights (White Sox AAA affiliate) and the Gwinnet Stripers (Atlanta Braves AAA affiliate).</p>	

Wednesday, May 1st	
8am - 10am	<p>Instructor: Terry Ziemniak Security Awareness Programs - Structured, Measured, Better</p>
10am - 12pm	<p>Instructor: Bo Wheeler, Vice President, Security Solutions Securicon Information Security Solutions Selling Security – How to get buy-in from key stakeholders</p>
12pm - 1pm	<p>Lunch Provided Lunch will be provided at the venue for all participants.</p>
1pm - 3pm	<p>Open Time</p>
3pm - 5pm	<p>Prep Lab for Security Assessments course</p>
5pm - 6pm	<p>Dinner Provided TBA</p>
6pm -	<p>Evening Networking Event TBA</p>

Instructors/Speakers: Jason Christopher, Axio
Lean and Mean Cyber Risk Management
 Learn how to identify and assess a wide variety of cyber and physical security risks with limited resources in a utility environment. A facilitated workshop will guide participants through how to define risk, how to establish a strategy relevant to your environment, and how to identify resources that may be leveraged in developing a risk management approach—all with little or no additional support (and the capability to grow to an organization of any size, big or large).

Course continues
Lean and Mean Cyber Risk Management

Thursday, May 2nd	
9am - Noon	<p>Open Time</p> <p>Instructor: Slade Griffin Introduction to Security Assessments In this course, students will learn the fundamentals of technical security assessments and become familiar with several common tools utilized for such work. Students will come away with the required knowledge to begin assessing their environments for security issues.</p>
12pm - 1pm	<p>Lunch Provided Lunch will be provided at the venue for all participants.</p>
1pm - 5pm	<p>Open Time</p> <p>Course continues Introduction to Security Assessments Instructor: Slade Griffin</p>
5pm - 6pm	<p>Dinner Provided Location TBA</p>
6pm -	<p>Evening Networking Event TBA</p>

Friday, May 3rd	
8am - Noon	<p>Site Tours UNC-Charlotte EPIC Labs We'll take a tour of three energy labs at the Energy Production & Infrastructure Center (EPIC) at UNC-Charlotte. Students will hear from UNC faculty and students and see examples of the equipment that operates the grid.</p> <p>Instructor: Slade Griffin Security Assessments Lab Students will gain hands-on experience and apply their learning from Thursday's session in a lab environment.</p>
12pm -1pm	Lunch Provided
1pm - 3pm	<p>Review, Wrap-up, and Discussion</p> <p>Security Assessments Lab Instructor: Slade Griffin</p>