

**Implementing Advanced Cisco Unified Wireless Security
IAUWS v1.0
Class Agenda
(5-day class)**

DAY 1

| | |
|----------------------------|--|
| 8:30 AM - 9:00 AM | Course Introduction |
| 9:00 AM - 10:00 AM | Describing Regulatory Compliance |
| 10:00 AM - 10:15 AM | Break |
| 10:15 AM - 11:00 AM | Segmenting Traffic |
| 11:00 AM - 12:00 PM | Lab 1-1: Segmenting Traffic |
| 12:00 PM - 1:00 PM | Lunch |
| 1:00 PM - 1:45 PM | Configuring Administrative Security |
| 1:45 PM - 2:30 PM | Lab 1-2: Configuring Administrative Security |
| 2:30 PM - 2:45 PM | Break |
| 2:45 PM - 3:15 PM | Managing WLAN Controller and Cisco WCS Alarms |
| 3:15 PM - 3:45 PM | Module Summary and Self Check |
| 4:05 PM - 5:00 PM | Configuring EAP Authentication |
| 5:00 PM | End of Day 1 |

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DAY 2

| | |
|----------------------------|--|
| 8:00 AM - 8:30 AM | Review of Day 1 |
| 8:30 AM - 8:50 AM | Configuring EAP Authentication (Cont.) |
| 8:50 AM - 9:05 AM | Lab 2-1: Configuring EAP Authentication on the Clients |
| 9:05 AM - 10:00 AM | Describing the Impact of Security on Applications and Roaming |
| 10:00 AM - 10:15 AM | Break |
| 10:15 AM - 11:15 AM | Configuring Cisco Secure Services Client |
| 11:15 AM - 12:00 PM | Lab 2-2: Configuring Cisco Secure Services Client |
| 12:00 PM - 1:00 PM | Lunch |
| 1:00 PM - 1:20 PM | Troubleshooting Wireless Connectivity |
| 1:20 PM - 2:20 PM | Lab 2-3: Troubleshooting Wireless Connectivity |
| 2:20 PM - 2:40 PM | Summary and Self Check |
| 2:40 PM - 2:55 PM | Break |
| 2:55 PM - 3:15 PM | Describing Guest Access Architecture |
| 3:15 PM - 3:45 PM | Configuring the WLAN to Support Guest Access |
| 3:45 PM - 4:15 PM | Lab 3-1: Configuring the WLAN to Support Guest Access |
| 4:15 PM - 5:00 PM | Configuring Guest Access Accounts |
| 5:00 PM | End of Day 2 |

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DAY 3

| | |
|----------------------------|--|
| 8:00 AM - 8:30 AM | Review of Day 2 |
| 8:30 AM - 9:30 AM | Lab 3-2: Configure a Controller to use the Cisco NGS for Authentication |
| 9:30 AM - 9:45 AM | Troubleshooting Guest Access |
| 9:45 AM - 10:00 AM | Lab 3-3: Troubleshooting Guest Access |
| 10:00 AM - 10:15 AM | Break |
| 10:15 AM - 11:00 AM | Lab 3-3: Troubleshooting Guest Access (Cont.) |
| 11:00 AM - 11:20 AM | Module Summary and Self Check |
| 11:20 AM - 12:00 PM | Introducing the Cisco NAC Appliance Solution |
| 12:00 PM - 1:00 PM | Lunch |
| 1:00 PM - 1:30 PM | Configuring the Controller for Cisco NAC Out-of-Band Operations |
| 1:30 PM - 2:15 PM | Lab 4-1: Configuring the Controller for Cisco NAC |
| 2:15 PM - 2:30 PM | Break |
| 2:30 PM - 2:50 PM | Module Summary and Self Check |
| 2:50 PM - 3:50 PM | Configuring Authentication for the WLAN Infrastructure |
| 3:50 PM - 4:25 PM | Lab 5-1: Configuring Local Authentication on the WLAN Controller |
| 4:25 PM - 5:00 PM | Lab 5-2: Configuring H-REAP for WAN Failure |
| 5:00 PM | End of Day 3 |

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DAY 4

| | |
|----------------------------|--|
| 8:00 AM - 8:30 AM | Review of Day 3 |
| 8:30 AM - 9:00 AM | Configuring Management Frame Protection |
| 9:00 AM - 9:30 AM | Lab 5-3: Configuring Management Frame Protection |
| 9:30 AM - 10:15 AM | Configuring Certificate Services |
| 10:15 AM - 10:30 AM | Break |
| 10:30 AM - 11:30 AM | Lab 5-4: Configuring Certificate Services |
| 11:30 AM - 12:00 AM | Implementing Access Control Lists |
| 12:00 PM - 1:00 PM | Lunch |
| 1:00 PM - 1:30 PM | Lab 5-5: Implementing Access Control Lists |
| 1:30 PM - 2:00 PM | Implement Identity Based Networking |
| 2:00 PM - 2:30 PM | Lab 5-6: Implement Identity Based Networking |
| 2:30 PM - 2:45 PM | Break |
| 2:45 PM - 3:15 PM | Troubleshooting Secure Wireless Connectivity |
| 3:15 PM - 3:45 PM | Lab 5-7: Troubleshooting Secure Wireless Connectivity |
| 3:45 PM - 4:00 PM | Module Summary and Self Check |
| 4:00 PM - 5:00 PM | Mitigating Wireless Vulnerabilities |
| 5:00 PM | End of Day 4 |

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DAY 5

| | |
|----------------------------|--|
| 8:00 AM - 8:30 AM | Review of Day 4 |
| 8:30 AM - 10:00 AM | Mitigating Wireless Vulnerabilities (Cont.) |
| 10:00 AM - 10:10 AM | Break |
| 10:10 AM - 11:00 PM | Lab 6-1: Managing Rogue Access Points |
| 11:00 AM - 12:00 PM | Lab 6-2: Managing IDS Signatures |
| 12:00 PM - 1:00 PM | Lunch |
| 1:00 PM - 3:00 PM | Understanding Cisco's End-to-End Security Solutions |
| 3:00 PM - 3:15 PM | Break |
| 3:15 PM - 4:00 PM | Integrating Cisco WCS and Wireless IPS |
| 4:00 PM - 4:30 PM | Module Summary and Self Check |
| 4:30 PM - 5:00 PM | Wrap-up |