

## Course Outline

Security Center: Synergis Technical Certification	
<b>Code</b>	SC-STC-001
<b>Level</b>	Beginner
<b>Duration</b>	2 days (Instructor-led)
<b>Target audience</b>	Technicians, Administrators, and IT Professionals
<b>Prerequisites</b>	CompTIA's Network+ training (or equivalent) is recommended. An online IT skills quiz is available to ensure baseline IT skills are met.
<b>Objectives</b>	<p><u>Upon successful completion of this course the participant will be able to:</u></p> <ul style="list-style-type: none"> <li>• Install and configure basic Security Center access control features in a single-server environment</li> <li>• Configure access control roles</li> <li>• Enroll &amp; configure access control units</li> <li>• Configure door properties</li> <li>• Configure cardholders &amp; cardholder groups</li> <li>• Configure simple access rules</li> <li>• Configure partitions and user privileges</li> <li>• Configure schedules</li> <li>• Configure alarms</li> <li>• Perform system maintenance &amp; troubleshooting</li> </ul>
<b>Certification</b>	An open-book, practical exam will be given at the end of this course. Each participant will have their own VM server(s). You will be asked to apply specific configurations to your own system. The configurations applied are those that were taught and discussed in course.

DAY	Topic	Description
	<b>Security Center Architecture</b> (28 min <a href="#">online</a> video prerequisite) <a href="#">Security Center Architecture</a>	<ul style="list-style-type: none"> <li>• What does Security Center server do?</li> <li>• Role-based server architecture</li> <li>• Basic video architecture</li> <li>• Basic access architecture</li> <li>• Basic ALPR architecture</li> </ul>
	<b>Security Center Software Installation</b> (23 min <a href="#">online</a> video prerequisite) <a href="#">Security Center Installation</a>	<ul style="list-style-type: none"> <li>• Documentation</li> <li>• Software requirements</li> <li>• Workstation installation</li> <li>• Server installation               <ul style="list-style-type: none"> <li>◦ <i>Server Admin</i> application</li> </ul> </li> <li>• Server licensing</li> </ul>
DAY 1 (09:00 - 12:00)	<b>Module 1:</b> <i>Introduction</i>	<ul style="list-style-type: none"> <li>• About training</li> <li>• About Genetec</li> <li>• About Security Center</li> <li>• Genetec Portal</li> <li>• Architecture review</li> </ul>
	<b>Module 2:</b> <i>Access Control hardware</i>	<ul style="list-style-type: none"> <li>• Credential and reader technologies</li> <li>• Supported Hardware</li> <li>• Synergis Cloud Link</li> <li>• Hardware connection architectures</li> <li>• Synergis Software</li> <li>• SaaS (Synergis as a Service)</li> <li>• Synergis Cloud Link with Mercury HW</li> <li>• Synergis Cloud Link with Axis A1601</li> <li>• Supported Electronic Lock Hardware</li> </ul>
12:00-13:00 <b>LUNCH BREAK</b>		
13:00 – 14:30 Practical exercises		
DAY 1 (14:30 - 16:00)	<b>Module 3:</b> <i>User management</i>	<ul style="list-style-type: none"> <li>• Users               <ul style="list-style-type: none"> <li>◦ Properties</li> <li>◦ Access rights</li> <li>◦ Privileges</li> <li>◦ Advanced</li> </ul> </li> <li>• User Groups</li> <li>• Partitions</li> <li>• Privilege troubleshooter</li> </ul>
	<b>Module 4:</b> <i>Access Control Configuration</i>	<ul style="list-style-type: none"> <li>• Door creation &amp; configuration</li> <li>• Access rules               <ul style="list-style-type: none"> <li>◦ Simple access rule</li> </ul> </li> <li>• Cardholder management               <ul style="list-style-type: none"> <li>◦ Cardholders</li> <li>◦ Cardholder groups</li> </ul> </li> <li>• Credential management</li> <li>• Unlock all doors through an action</li> </ul>
16:00 – 17:00 Practical exercises		

DAY	Topic	Description
DAY 2 (09:00 – 12:00)	<b>Module 5:</b> <i>Additional Configurations</i>	<ul style="list-style-type: none"> <li>• Areas</li> <li>• Schedule Management</li> <li>• Event handling               <ul style="list-style-type: none"> <li>◦ Configuring event → action</li> </ul> </li> <li>• Zones               <ul style="list-style-type: none"> <li>◦ Hardware Zones</li> </ul> </li> <li>• I/O Linking</li> <li>• Live dashboards</li> </ul>
	<b>Module 6:</b> <i>Alarm Management</i>	<ul style="list-style-type: none"> <li>• Alarm Configuration</li> <li>• Receiving alarms</li> <li>• Grouping alarms</li> <li>• Triggering alarms</li> <li>• Alarm options</li> <li>• Alarm privileges</li> <li>• Alarm report</li> </ul>
12:00-13:00 <b>LUNCH BREAK</b>		
13:00 – 14:00 Practical exercises		
DAY 2 (14:00 – 15:00)	<b>Module 7:</b> <i>Maintenance &amp; troubleshooting</i>	<ul style="list-style-type: none"> <li>• Firmware upgrades</li> <li>• Visual Reporting</li> <li>• <b>Config Tool</b> tools               <ul style="list-style-type: none"> <li>◦ Copy Config tool</li> <li>◦ Unit replacement tool</li> <li>◦ Move unit tool</li> <li>◦ Access Troubleshooter</li> </ul> </li> <li>• Status &amp; diagnostics               <ul style="list-style-type: none"> <li>◦ Hardware inventory task</li> <li>◦ Access Rule configuration task</li> <li>◦ System status task</li> </ul> </li> <li>• Health monitoring &amp; logs               <ul style="list-style-type: none"> <li>◦ Selecting health event to monitor</li> <li>◦ Viewing messages and events</li> <li>◦ System health statistics</li> </ul> </li> <li>• Genetec Portal</li> <li>• GUS (Genetec Update Service)</li> </ul>
<b>Practical exercises / SC-STC-001 Exam</b> <b>(15:00 – 17:00)</b>		<ul style="list-style-type: none"> <li>• Open Book / Practical Exam</li> <li>• Passing grade: 80%</li> <li>• 2 hours</li> </ul>