

## Course Outline

Security Center: Synergis Technical Certification (Blended)	
<b>Code</b>	SC-STC-001-BL
<b>Level</b>	Beginner
<b>Duration</b>	Self-paced   Optional instructor sessions
<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.

Topic	Description
<b>Introduction</b>	<ul style="list-style-type: none"> <li>• About training</li> <li>• Connecting to your VM <ul style="list-style-type: none"> <li>○ Accessing the Security Center server via a web browser</li> <li>○ Accessing via Remote Desktop</li> <li>○ Accessing via locally installed ConfigTool / Security Desk</li> </ul> </li> <li>• Joining an information session (if needed)</li> </ul>
<b>Security Center architecture &amp; installation</b>	<ul style="list-style-type: none"> <li>• About Genetec</li> <li>• What does Security Center server do?</li> <li>• Genetec Portal</li> <li>• Security Center architecture <ul style="list-style-type: none"> <li>○ Role-based server architecture</li> <li>○ Open architecture</li> <li>○ Basic video architecture</li> <li>○ Basic access architecture</li> <li>○ Basic ALPR architecture</li> </ul> </li> <li>• Software requirements</li> <li>• Workstation installation</li> <li>• Server installation</li> <li>• Server Admin application</li> <li>• Server licensing</li> </ul>
<b>Access Control hardware</b>	<ul style="list-style-type: none"> <li>• Basic hardware components (Readers, Door locks, Door sensors, Request for Exit - REX devices)</li> <li>• Synergis Cloud Link (SCL)</li> <li>• Cloud vs local Synergis Cloud Link</li> <li>• Hardware connection architectures</li> <li>• Supported door hardware <ul style="list-style-type: none"> <li>○ Synergis Cloud Link with Mercury HW</li> <li>○ Synergis Cloud Link with Axis A1601</li> <li>○ ASSA ABLOY locks</li> <li>○ Allegion Schlage locks</li> </ul> </li> <li>• Adding the Synergis Cloud Link to Security Center</li> <li>• Synergis Cloud Link vs Synergis Software</li> </ul>
<b>Door creation</b>	<ul style="list-style-type: none"> <li>• Door creation</li> <li>• Door template</li> <li>• Door configuration (Hardware &amp; Properties tab)</li> <li>• Inputs and outputs linking</li> </ul>
<b>User management</b>	<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>Access Control configuration</b>	<ul style="list-style-type: none"> <li>• Cardholder management <ul style="list-style-type: none"> <li>○ Cardholders</li> <li>○ Cardholder groups</li> </ul> </li> <li>• Credential management</li> <li>• Import tool</li> <li>• Access rules <ul style="list-style-type: none"> <li>○ Simple access rule</li> </ul> </li> <li>• Visitor management task</li> </ul>
<b>Additional configuration</b>	<ul style="list-style-type: none"> <li>• Schedules</li> <li>• Areas</li> <li>• Zones</li> <li>• Event handling</li> <li>• Events and actions</li> </ul>
<b>Alarm management</b>	<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>
<b>Maintenance &amp; troubleshooting</b>	<ul style="list-style-type: none"> <li>• Firmware upgrades</li> <li>• Config Tool tools <ul style="list-style-type: none"> <li>○ Access Troubleshooter</li> <li>○ Privilege troubleshooter</li> <li>○ Unit replacement tool</li> <li>○ Move unit tool</li> <li>○ Copy Config tool</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>• GUS (Genetec Update Service)</li> </ul>
<b>SC-STC-001-BL Exam</b>	<ul style="list-style-type: none"> <li>• Open Book / Practical Exam</li> <li>• Passing grade: 80%</li> <li>• 2 hours</li> </ul>