

# Course Outline

Security Center – AutoVu Fixed Technical Certification	
<b>Code</b>	SC-AFC-001
<b>Duration</b>	2 days (~1 hour online videos + 14 hours classroom)
<b>Target audience</b>	Technicians, Administrators, and IT Professionals
<b>Prerequisites</b>	CompTIA's Network+, Cisco CCENT, or equivalent network training 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>• Understand License Plate Recognition (LPR) technology fundamentals and mechanics</li> <li>• Install and configure a basic Security Center system with Fixed Sharp Cameras</li> <li>• Manage Sharp camera connectivity and Security Center</li> <li>• Camera installation recommendations</li> <li>• Configure Hotlists</li> <li>• Configure Virtual Loops &amp; Region of Interest</li> <li>• Configure speed estimation for SharpV</li> <li>• Understand available fixed design options and tools</li> <li>• Generate reports on reads and hits</li> <li>• Configure the Hotlist and Permit Updater plugin</li> </ul>
<b>Certification</b>	An open-book exam will be given at the end of this course.

Topic	Description
<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>
<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 a Security Center server do?</li> <li>• Role-based server architecture</li> <li>• Basic video architecture</li> <li>• Basic access architecture</li> </ul>
<b>Module 1:</b> <i>Security Center &amp; LPR</i>	<ul style="list-style-type: none"> <li>• Security Center components needed for AutoVu               <ul style="list-style-type: none"> <li>◦ Archiver role</li> <li>◦ LPR Manager role</li> </ul> </li> <li>• LPR Manager setup</li> <li>• Archiver setup for LPR</li> <li>• Security Desk Reports &amp; Customization</li> <li>• Hit processing</li> </ul>
<b>Module 2:</b> <i>SharpV Hardware and Installation</i>	<ul style="list-style-type: none"> <li>• SharpV Overview</li> <li>• SharpV Physical installation</li> <li>• Sharp Read Processing               <ul style="list-style-type: none"> <li>◦ Contexts</li> <li>◦ Illumination</li> <li>◦ Performance expectations</li> </ul> </li> </ul>
<b>Module 3:</b> <i>SharpV Basic Configuration</i>	<ul style="list-style-type: none"> <li>• Logging into a SharpV</li> <li>• Basic steps to configuring a SharpV</li> <li>• Adding SharpV to Security Center</li> <li>• Sharp maintenance and updates</li> </ul>
<b>Module 4:</b> <i>Hotlist Creation</i>	<ul style="list-style-type: none"> <li>• What is a hotlist</li> <li>• Configuration of a basic hotlist</li> <li>• Fixed Length Lists</li> <li>• Hotlist troubleshooting</li> </ul>
<b>Module 5:</b> <i>Advanced SharpV Configuration</i>	<ul style="list-style-type: none"> <li>• Security and SharpV</li> <li>• Region of Interest</li> <li>• Virtual Loops</li> <li>• Dual-Lane configuration</li> <li>• Speed Estimation</li> <li>• Diagnostics</li> </ul>
<b>Module 6:</b> <i>Hotlist and Permit Update</i>	<ul style="list-style-type: none"> <li>• What is the Hotlist and Permit Updater</li> <li>• Configuration of the Hotlist and Permit Updater</li> </ul>

Topic	Description
<b>SC-AFC-001 Exam</b> <b>(60 minutes)</b>	Open Book / Multiple Choice Passing grade: 80%