

# Course Outline

Security Center – AutoVu Mobile 5.2 Technical Certification	
<b>Code</b>	SC-AMC-001 (5.2)
<b>Duration</b>	2 days
<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>• Understand License Plate Recognition (<b>LPR</b>) technology fundamentals and mechanics</li> <li>• Install and configure a basic Security Center system with Patrollers</li> <li>• Install and Configure AutoVu Patroller with Navigation features</li> <li>• Operate an AutoVu Patroller</li> <li>• Enroll Patrollers and manage connectivity with Security Center</li> <li>• Configure communications between Security Center and Patrollers</li> <li>• Configure Law Enforcement features</li> <li>• Configure and use City Parking feature set</li> <li>• Configure and use University Parking mode feature set</li> <li>• Configure and use Mobile License Plate Inventory mode</li> </ul>
<b>Certification</b>	An open-book, multiple choice exam will be given at the end of this course

Topic	Description
<b>Module 1: Introduction</b>	<ul style="list-style-type: none"> <li>• Intro to Genetec &amp; Security Center</li> <li>• History of the LPR technology and current challenges</li> <li>• Fundamentals of LPR technology</li> <li>• Current Applications of the technology</li> <li>• Case studies</li> <li>• Client Installation</li> </ul>
<b>Module 2: LPR Hardware</b>	<ul style="list-style-type: none"> <li>• Presentation of the Genetec LPR Hardware</li> <li>• Fixed Sharp Cameras</li> <li>• Mobile Cameras</li> <li>• Illuminations, lenses</li> <li>• Navigation hardware, MDT</li> <li>• Other LPR related components</li> </ul>
<b>Module 3: Security Center Architecture</b>	<ul style="list-style-type: none"> <li>• Intro to Security Center Role Architecture</li> <li>• Server Admin &amp; License Activation</li> <li>• Expansion Servers</li> <li>• Connection client/server</li> </ul>
<b>Module 4: LPR Manager Configuration &amp; administration</b>	<ul style="list-style-type: none"> <li>• Installation of the LPM Role</li> <li>• Comprehensive configuration of the Role</li> <li>• Root folder / Database management</li> </ul>
<b>Module 5: User Management for LPR</b>	<ul style="list-style-type: none"> <li>• Users, User groups &amp; Partitions</li> <li>• Privileges for the LPM / Patrollers</li> <li>• Best practice</li> </ul>
<b>Module 6: Patroller Setup and Configuration</b>	<ul style="list-style-type: none"> <li>• Camera Configuration</li> <li>• Connectivity Options</li> <li>• Installation and configuration of a standalone Patroller</li> <li>• Mapping and Navigation</li> </ul>
<b>Module 7: License Plate Matching and Law Enforcement Mode</b>	<ul style="list-style-type: none"> <li>• License Plate matching discussion</li> <li>• Implementation of an hotlist</li> <li>• Matching Process and OCR equivalence</li> <li>• Practical use in Patroller</li> <li>• Hotlist Enforcement Workflow</li> </ul>

Topic	Description
<b>Module 8: City Parking Mode</b>	<ul style="list-style-type: none"> <li>• Parking enforcement Discussion</li> <li>• Case Studies based on real examples</li> <li>• Creation of Parking Rules</li> <li>• Parking Enforcement Workflow</li> </ul>
<b>Module 9: University Mode</b>	<ul style="list-style-type: none"> <li>• University Parking Enforcement Discussion</li> <li>• Creation of University Permits and Restriction</li> <li>• University Parking Enforcement workflow</li> </ul>
<b>Module 10: Inventory Mode</b>	<ul style="list-style-type: none"> <li>• Inventory Management Discussion</li> <li>• Case Studies Based on real Examples</li> <li>• Creation of a Parking facility layouts</li> <li>• Day to Day inventory Management and Operator Guidance</li> </ul>
<b>Module 11: System Design for Patroller</b>	<ul style="list-style-type: none"> <li>• Understanding the needs of an LPR system</li> <li>• Selecting the appropriate hardware (lense, illumination)</li> <li>• Physical Install consideration</li> <li>• Camera positioning</li> <li>• Network and database discussion</li> </ul>
<b>SC-AMC-001 Exam</b>	<ul style="list-style-type: none"> <li>• Open Book / multiple Choice + Open questions</li> <li>• 80% to pass</li> <li>• 1 hour</li> </ul>