Automation Engineer *Pathway Program*

Master automation engineering by designing, implementing, and managing advanced automated workflows to streamline operations and enhance efficiency across digital environments.

🕐 180 Total Clock Hours   📇 3 Obtainable Certificates

Start Today

What you may learn

This is what you will experience in the Pathway

The pathway includes 3 instructor-led classes for you to learn technical skills and applicable examples to prepare you for technical certifications and training towards Automation Engineer.

Taught by Industry Veterans & **World Class Instructors**

Potential Career Options

Junior Automation Engineer   IT Support Specialist

Process Automation Specialist

Automation Developer

Introduction to the Automation Engineer Pathway ⌄

▶ **Overview**

The Automation Engineer Pathway Program is designed for IT professionals, developers, and aspiring technologists aiming to specialize in designing, implementing, and managing automated systems and workflows. Through a blend of foundational training and hands-on, advanced coursework, participants will gain the skills needed to streamline operations, reduce manual effort, and enhance efficiency across various digital environments. With a focus on Python scripting and advanced Python-based automation techniques, this program offers a structured and immersive pathway to becoming a proficient automation engineer.

Upon completion of this pathway, students will be able to:

Basic Script Understanding and Configuration   Structure, Automation, and Security

RPA Development and Deployment   Problem Solving and Process Identification

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Available Courses   🕐 180 Total Clock Hours ⌄

Foundational Course

Certified Entry-Level Python Programming (PCEP)
📖 Class & Skill Application   18 Class Hours • 18 Skill App Hours

Intermediate Course

Certified Associate Python Programmer (PCAP)
📖 Class & Skill Application   36 Class Hours • 36 Skill App Hours

Specialization Course

Certified Professional Python Programmer (PCPP)
📖 Class & Skill Application   36 Class Hours • 36 Skill App Hours

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Intellectual Point EXCELLENCE THROUGH EDUCATION

Automation Engineer Pathway Brochure • Official Document
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