PYTHON CERTIFICATION ROADMAP
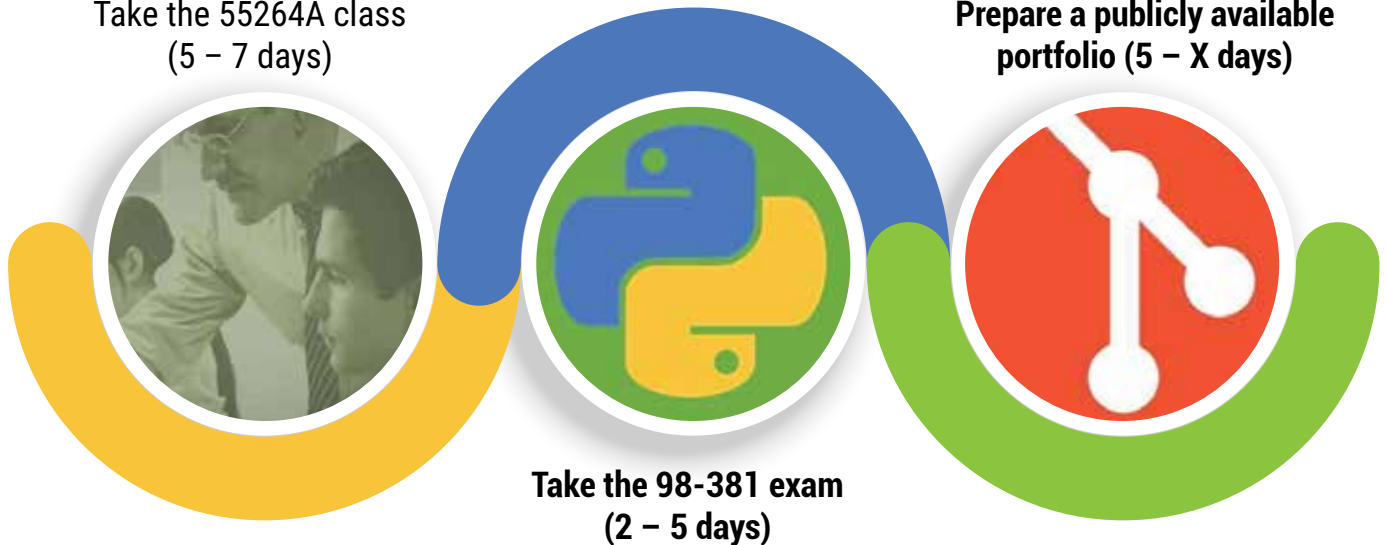
55264A FEATURES

Take the 55264A class (5 – 7 days)

Prepare a publicly available portfolio (5 – X days)

Take the 98-381 exam (2 – 5 days)

Skills Measured

All the exam objectives for 98-381 are covered in Course 55264A: Introduction to Programming Using Python.

The exam measures your ability to accomplish the technical tasks listed below:

1. Perform Operations using Data Types and Operators (20-25%)
2. Control Flow with Decisions and Loops (25-30%)
3. Perform Input and Output Operations (20-25%)
4. Document and Structure Code (15-20%)
5. Perform Troubleshooting and Error Handling (5-10%)
6. Perform Operations Using Modules and Tools (1-5%)

Features of the 55264A course material are listed below:

Free Microsoft Azure Subscription:
Anyone taking the course qualify for a free Microsoft Azure subscription. Stu-dents perform exercises on live Azure resources they create for class or work projects.

Azure Cloud Shell:
The new Azure Cloud Shell features can be used for any lab or exercise in the courses. Virtual Ma-chines, while available, are no longer required and students may do all their labs from a web browser on any device.

Modular / Blended Course Delivery:
The course is designed so that modules can be delivered in any order. This allows the material to be easily combined with other courses that cover similar Azure, SQL Server and PowerShell topics.

Design & Review Sections:
Each lab has a corresponding project where students get to practice on Azure web-sites, databases and virtual machines they create themselves. The lesson Review sections encourage students to think of ways to use their new skills in specific scenarios.

Regular Updates:
Azure is a fast changing environment with regular resource and feature updates. Course labs will be updated regularly to keep up with those changes. Past students will have access to these updates so their courseware will keep pace with changes in the platform.

Appendices:
Appendix A includes answers to end-of-module review questions. Appendix B includes a Pow-erShell tutorial with optional lab exercises. Students are provided with tools that allow them to perform the labs on their own computers after class.

Student Materials:
The tools used to create the classroom setup are included with the courseware so the environment can be duplicated by students after the class. The Azure sub-scription given to students will allow them to do this with-out additional cost. Pre and Post assessment tests for the course are included.