# 55318A Features

55318A is the updated version of the retired legacy MOC course 10962C. This three-day course teaches students how to automate administrative tasks using PowerShell. Students will learn crucial scripting skills such as creating advanced functions, writing controller scripts, and handling script errors. Candidates will learn how to use PowerShell when working with Microsoft Azure, SQL Server, Active Directory, IIS, Windows PowerShell Workflow, .NET resources, the REST API and XML, CSV & JSON formatted data files. Course options and features include the following:

**Modular Course Delivery:** The course is designed so that the modules can be delivered in any order. For organizations that have specific database knowledge requirements for their staff, modules can be skipped or rearranged with no difficulties and no lab associated problems.

**Blended Course Delivery:** Because of the modular structure of the course, it can be easily combined with other courses that have complementary database or programming modules.

**Review Sections:** Each module has a review / Q&A section which gives students structured time to go over selected topics and ask questions. Instructors can provide students with the correct answers to all review questions.

**Student Materials:** Scripts, demonstration files and other tools used during the course are accessible after the class using the SkillPipe platform. Files are updated regularly.

**Post-Class Labs:** Tools and instructions to recreate the classroom lab environment are provided to students. Demonstrations and labs may be duplicated on their own computers. Instructions also support cloud-based setup of databases on Microsoft Azure.

**Assessment Tests:** Student skills can be assessed before and after class using multiple-choice tests included with the course. Test and Q&A session answers are included with student materials.