# 55069A FEATURES

The 55069A course is designed to help SQL Server administrators use PowerShell for day-to-day tasks and maintenance operations.  Candidates will learn how to install & configure features, create SQL Server agent jobs, create SSIS packages & SSAS cubes, perform backup operations and create reports all from a PowerShell console.  The courseware includes features to improve the learning experience of students and make it easier to review the material during and after class.  These features include the following:

1.  **INTERACTIVE SIMULATIONS**:  The students can use simulations to practice the lab exercises.  The interactive nature of these simulations allows you to go back and forth through each step so the lab can be repeated as many times as you wish without reconfiguring the computer.  Students are given copies of these simulations so they can easily redo lab exercises without a specialized classroom setup.

2.  **MODULAR/BLENDED COURSE DELIVERY**:  The course is designed so that the modules can be delivered in any order.  For organizations that have specific PowerShell or SQL Server knowledge requirements, modules and labs can be skipped or rearranged without any special setup requirements.  When this course is combined with other courseware, the interactive simulations allow the setup to exclude the use of virtual machines.  If the VMs are included, they can be setup in less than an hour using the included customizable PowerShell scripts.

3.  **OPTIONAL LABS**:  Each module has an optional "self-directed" lab that allows students to perform the main tasks learned from the module without step-by-step directions.  Students who elect to do these exercises will be able to test their skills and identify tasks they need more help with.

4.  **ASSESSMENT TESTS**:  A pre-assessment and post-assessment test is included with the course.  These multiple-choice exams use a pool of randomized questions to help students assess their knowledge before and after the class.

5.  **STUDENT FILES:**  In addition to the assessment tests and simulations included with the student files, tools for building the classroom virtual machines have been added.  This option was added mainly for trainers, but students may also take advantage of the scripts for building test VMs after the class.

The material included in this two-day course is extensive and in addition to the database engine other components such as SSIS and SSAS are covered.  The features mentioned above are designed to make the information presented as easy and useful as possible during and after the class.