Cloud Application Development Grading and Schedule

Microsoft Software and Systems Academy,
Fort Bragg, NC, Cohort 10
Quantico, Va., Cohort 7

December 15, 2020

1   Grading

Evaluation Item	Metrics
In-class Labs	Labs are assessed on a pass/fail basis. You will receive a grade for a lab after you have notified me that you have completed the lab. Deadline for lab submission is by the end of the day the lab is scheduled. Ordinarily, we will do the labs in class. If you do not complete a lab in class, you must complete it outside of class.
Quizzes	These are *quizzes*, except that these will be timed, in-class labs completed individually on an open note, open book, open internet basis. You will demonstrate that your code compiles and runs, and email me your source listing before getting credit. There are no makeups. A failure to complete a quiz during the allocated time will result in a zero.
Programming Exercises	Programming exercises receive a grade on a 0 to 100 point scale. Ordinarily, we will do exercises outside of class over the weekends. These are open book/open note exercises. You may work individually or in groups/pairs as directed. If you do not complete a graded exercise, you will receive a grade of 0 for that exercise.
Homework and Discussions	Homework and class discussions are based on the assigned homework. **Completion of the written homework assignments is mandatory.** Homework/discussions will be assessed on a pass/fail basis, based on class presentations. You will receive a discussion grade for every homework assignment completed and your class participation. If you do not attend class (except for prior notification), you will receive a zero for that day's discussion.
Class Project	The class project lasts 18 weeks. The project is an *individual* assignment, although students may work in groups if desired. Each phase is graded on a pass/fail basis. Deliverables are as described in class. Deliverables are due by the next Sunday night of each week for the assignment. If a deliverable is not satisfactory, you may submit as many updated versions as you need to.
Directed Study	Completion of the modules in the Microsoft Learning Portal
Required Materials	Required purchase of CAD Packs.
Final Exam	MCP Certification Examination.

2   Submission Due Dates

Due dates are determined by the schedule, shown below. Assignments submitted after the due date are subject to a 50% grade penalty. Programming exercises and project steps are due on Sunday at 2359 hrs./11:59 p.m.. Quizzes are due brefore midnight on the day they are released. Directed study due dates are shown in Canvas.

As a general rule, labs and homework assignments are due on the day we go over them in class. Exceptions to this rule will be announced in class. Students are responsible for keeping up with the due dates of all assignments. Ordinarily, I do not penalize late work, but this class moves so rapidly that it's almost impossible to recover if you get behind. **Do not fall behind in your deliverables.**
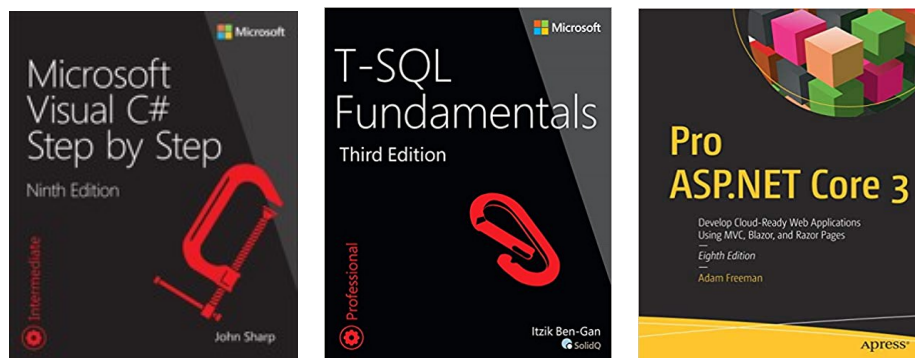
3   Schedule

Schedule for Term 1

Week	Monday	Tuesday	Wednesday	Thursday	Friday
January 11	Database Intro	TSQL Funs Ch. 1	C# SBS Ch. 1	C# SBS Ch. 2	
January 18	TSQL Funs Ch. 2a	TSQL Funs Ch. 2b	C# SBS Ch. 3	C# SBS Ch. 4	
January 25	TSQL Funs Ch. 2c	TSQL Funs Ch. 3	C# SBS Ch. 5	C# SBS Ch. 6	
February 1	TSQL Funs Ch. 4	TSQL Funs Ch. 5	C# SBS Ch. 7	C# SBS Ch. 8	
February 8	TSQL Funs Ch. 6	TSQL Funs Ch. 7	C# SBS Ch. 9	C# SBS Ch. 10	
February 15	TSQL Funs Ch. 8a	TSQL Funs Ch. 8b	C# SBS Ch. 11	C# SBS Ch. 12	
February 22	ASP.NET Ch. 1	ASP.NET Ch. 2	C# SBS Ch. 13	C# SBS Ch. 14	
March 1	ASP.NET Ch. 3	ASP.NET Ch. 4	C# SBS Ch. 15	C# SBS Ch. 16	
March 8 26	ASP.NET Ch. 5	ASP.NET Ch. 6	C# SBS Ch. 17	C# SBS Ch. 18	

Schedule for Term 2

Week	Monday	Tuesday	Wednesday	Thursday	Friday
March 22	C# SBS Ch. 19	ASP.NET Ch. 7	TSQL Ch. 9	Azure Lab 1	
March 29	C# SBS Ch. 20	ASP.NET Ch. 8	TSQL Ch. 10	Azure Lab 2	
April 5	C# SBS Ch. 21	ASP.NET Ch. 9	TSQL Ch. 11a	Azure Lab 3	
April 12	C# SBS Ch. 22	ASP.NET Ch. 10	TSQL Ch. 11b	Azure Lab 4	
April 19	C# SBS Ch. 23	ASP.NET Ch. 11	Azure Lab 5	Azure Lab 6	
April 26	C# SBS Ch. 24	ASP.NET Ch. 12	Azure Lab 7	Azure Lab 8	
May 3	ASP.NET Ch. 13	Azure Lab 9	ASP.NET Ch. 14	Azure Lab 10	
May 10	ASP.NET Ch. 15	Azure Lab 11	ASP.NET Ch. 16	Azure Lab 12	
May 17	ASP.NET Ch. 17	Azure Lab 13	Project Presentations	Project Presentations	

4   Required Materials

Books

(a) C# Step by Step, 9th Ed., John Sharp

(b) T-SQL Fundamentals, 3rd Ed., Itzik Ben-Gan

(c) Professional ASP.NET Core 3, Adam Freeman

Software

SQL Server Express - `https://www.microsoft.com/en-us/sql-server/sql-server-downloads`

SSMS - `https://docs.microsoft.com/en-us/sql/ssms/download-sql-server-management-studio-ssms?view=sql-server-ver15`

Visual Studio Community Edition - `https://visualstudio.microsoft.com/vs/community/`

SQLite - `https://sqlite.org/download.html`

Git - `https://git-scm.com/downloads`

Notepad++ - `https://notepad-plus-plus.org/downloads/` (add MarkdownViewer++ to Plugins)

Visio - `https://trainme.erau.edu/acadtech/Integration-Instructions/download-install-visio-project/index.html`