Cloud Application Development Grading and Schedule

Microsoft Software and Systems Academy, Quantico, Va., Cohort 6

August 8, 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

Fridays will be used as make-up days when we miss a regular class day (e.g. President's Day, inclement weather.)
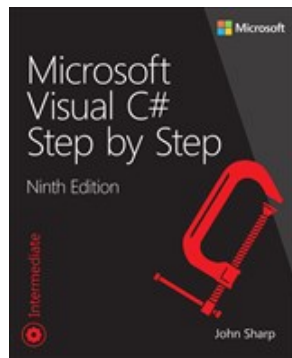   **Schedule for Term 1**

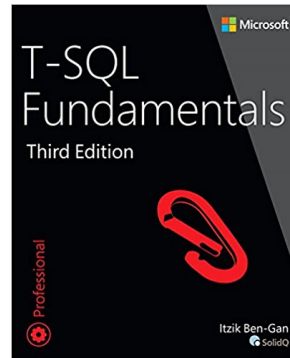| Week	Wednesday	Thursday	Friday	Monday	Tuesday
July 1	Database Intro	TSQL Funs Ch. 1		C# SBS Ch. 1	C# SBS Ch. 2
July 8	TSQL Funs Ch. 2a	TSQL Funs Ch. 2b		C# SBS Ch. 3	C# SBS Ch. 4
July 15	TSQL Funs Ch. 2c	TSQL Funs Ch. 3		C# SBS Ch. 5	C# SBS Ch. 6
July 22	TSQL Funs Ch. 4	TSQL Funs Ch. 5		C# SBS Ch. 7	C# SBS Ch. 8
July 29	TSQL Funs Ch. 6	TSQL Funs Ch. 7		C# SBS Ch. 9	C# SBS Ch. 10
Aug 5	TSQL Funs Ch. 8a	TSQL Funs Ch. 8b		C# SBS Ch. 11	C# SBS Ch. 12
Aug 12	ASP.NET Ch. 1	ASP.NET Ch. 2		C# SBS Ch. 13	C# SBS Ch. 14
Aug 19	ASP.NET Ch. 3	ASP.NET Ch. 4		C# SBS Ch. 15	C# SBS Ch. 16
Aug 26	ASP.NET Ch. 5	ASP.NET Ch. 6		C# SBS Ch. 17	C# SBS Ch. 18

Schedule for Term 2

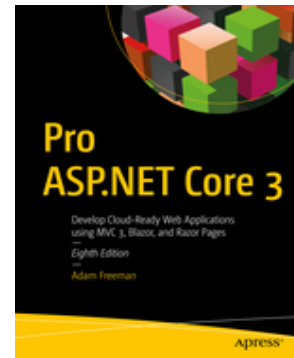| Week	Monday	Tuesday	Wednesday	Thursday	Friday
Sept 7	C# SBS Ch. 19	ASP.NET Ch. 7	TSQL Ch. 9	Azure Lab 1	
Sept 14	C# SBS Ch. 20	ASP.NET Ch. 8	TSQL Ch. 10	Azure Lab 2	
Sept 21	C# SBS Ch. 21	ASP.NET Ch. 9	TSQL Ch. 11a	Azure Lab 3	
Sept 28	C# SBS Ch. 22	ASP.NET Ch. 10	TSQL Ch. 11b	Azure Lab 4	
Oct 5	C# SBS Ch. 23	ASP.NET Ch. 11	Azure Lab 5	Azure Lab 6	
Oct 12	C# SBS Ch. 24	ASP.NET Ch. 12	Azure Lab 7	Azure Lab 8	
Oct 19	ASP.NET Ch. 13	ASP.NET Ch. 14	Azure Mod 9	Azure Lab 10	
Oct 26	ASP.NET Ch. 15	ASP.NET Ch. 16	Azure Mod 11	Azure Lab 12	
Nov 2	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

Atom - https://atom.io/ (or)

Notepad++ - https://notepad-plus-plus.org/downloads/ + https://github.com/nea/MarkdownViewerPlusPlus

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

Dia - http://dia-installer.de/download/index.html.en