

Cloud Application Development Grading and Schedule

Microsoft Software and Systems Academy, Quantico, Va., Cohort 5

October 29, 2019

1 Grading

Evaluation Item	Weight	Metrics
In-class Labs	20%	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.
Graded Assessments	10%	These are <i>quizzes</i> , 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 lab during the allocated time will result in a zero.
Programming Exercises	15%	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, but you must work individually — <i>no collaboration!</i> There will be no makeups. If you do not complete a graded exercise, you will receive a grade of 0 for that exercise. If you notify me of an absence before the exercise, I may excuse the exercise. I don't want to be unfair; we can discuss missed work.
Homework and Discussions	15%	Homework and class discussions are based on the assigned homework. Completion of the 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 0 for that day's discussion.
Class Project	30%	The class project lasts 18 weeks. The project is an <i>individual</i> 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 Monday of each week for that week's assignment. If a deliverable is not satisfactory, you may submit as many updated versions as you need to.
Required Materials	0%	Required purchase of CAD Packs.
Final Exam	10%	MCP Certification Examination.
Totals	100%	

2 Submission Due Dates

As a general rule, labs and homework assignments are due on the day we go over them in class. Programming exercises and project steps are due on Monday at 8:00 a.m. 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.)

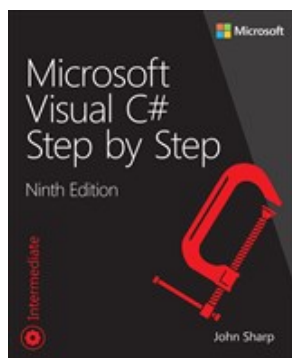
Schedule for Term 1

Week	Monday	Tuesday	Wednesday	Thursday	Friday
January 13	Database Intro	TSQL Funs Ch. 1	C# SBS Ch. 1	C# SBS Ch. 2	
January 20	TSQL Funs Ch. 2a	TSQL Funs Ch. 2b	C# SBS Ch. 3	C# SBS Ch. 4	
January 27	TSQL Funs Ch. 2c	TSQL Funs Ch. 3	C# SBS Ch. 5	C# SBS Ch. 6	
February 3	TSQL Funs Ch. 4	TSQL Funs Ch. 5	C# SBS Ch. 7	C# SBS Ch. 8	
February 10	TSQL Funs Ch. 6	TSQL Funs Ch. 7	C# SBS Ch. 9	C# SBS Ch. 10	
February 17	TSQL Funs Ch. 8a	TSQL Funs Ch. 8b	C# SBS Ch. 11	C# SBS Ch. 12	
February 24	C# SBS Ch. 13	C# SBS Ch. 14	Pro MVC Ch. 1	Pro MVC Ch. 2	
March 2	C# SBS Ch. 15	C# SBS Ch. 16	Pro MVC Ch. 3	Pro MVC Ch. 4	
March 9	C# SBS Ch. 17	C# SBS Ch. 18	Pro MVC Ch. 5	Pro MVC Ch. 6	

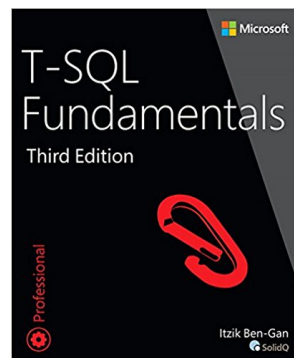
Schedule for Term 2

Week	Monday	Tuesday	Wednesday	Thursday	Friday
March 23	C# SBS Ch. 19	Entity Framework	Pro MVC Ch. 7	Pro MVC Ch. 7	
March 30	C# SBS Ch. 20	TSQL Ch. 9	Pro MVC Ch. 8	Pro MVC Ch. 8	
April 6	C# SBS Ch. 21	TSQL Ch. 10	Pro MVC Ch. 9	Pro MVC Ch. 9	
April 13	C# SBS Ch. 22	TSQL Ch. 11	Pro MVC Ch. 10	Pro MVC Ch. 10	
April 20	C# SBS Ch. 23	C# SBS Ch. 23	Pro MVC Ch. 11	Pro MVC Ch. 11	
April 27	C# SBS Ch. 24	C# SBS Ch. 24	Pro MVC Ch. 12	Pro MVC Ch. 12	
May 3	Azure Mod 1	Azure Mod 2	Azure Mod 3	Azure Mod 4	
May 10	Azure Mod 5	Azure Mod 6	Azure Mod 7	Azure Mod 8	
May 17	Azure Mod 9 Project Presentations	Azure Mod 10 Project Presentations	Azure Mod 11 Project Presentations	Azure Mod 12 Project Presentations	

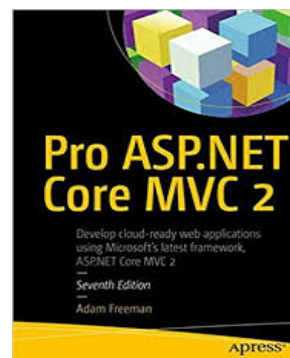
4 Required Texts



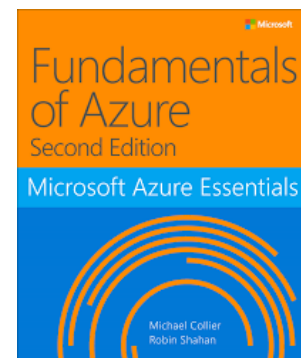
(a) C# Step by Step, 9th Ed., John Sharp



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



(c) Professional ASP.NET Core MVC 2, Adam Freeman



(d) Fundamentals of Azure, 2nd Ed., Collier & Shahan