Class Plan   PROG 35142   Advanced. NET Server Development

Professor: Amandeep S. Patti   amandeep.patti@sheridancollege.ca

Class Schedule:

Tuesday	08:00AM - 11:00AM	M5
Friday	08:00AM - 11:00AM	M31

Communication and Meeting:

Email: amandeep.patti@sheridancollege.ca

Meeting Hours: By appointment only. Please ask for an appointment by sending me an email and I will reserve a meeting room and confirm by email.

Course Introduction:

Students learn to develop applications using advanced .NET technologies for the server including the Microsoft Entity Framework, ASP.NET MVC and Web API. They then apply these technologies to build a Proof of Concept Prototype for the server portion of their Capstone (or equivalent) project.

This course was designed to address feedback from students regarding the server portion of their 6th semester Capstone projects. It emphasizes server topics which have been shown to be either useful or problematic to past Capstone groups. This course should assist with the final development of the server portion of the Capstone project in 6th semester.

Course Outline:

Please see the course outline
(http://ulysses.sheridanc.on.ca/coutline/coutlineview.jsp?admin=true&print=true&course
[Code=35142&subjectCode=PROG&version=6.0&appver=ps](http://ulysses.sheridanc.on.ca/coutline/coutlineview.jsp?admin=true&print=true&courseCode=35142&subjectCode=PROG&version=6.0&appver=ps)) for:

Detailed Course Description	Evaluation Plan
Program Context	Topical Outline
Critical Performance	Academic Honesty Policy
Learning Outcomes	Discrimination and Harassment Policy

Course Evaluation:

Labs (8)	20%
Quizzes (3)	10%
Capstone (or equivalent) Server Prototype Project	20%
Midterm Exam	25%
Final Exam	25%

To pass the course, students must achieve at least 50% overall in the course, as well as a 50% weighted average across the tests and the exams combined.

Class Resources:

- Laptop for class work/labs
- Visual Studio 2017 Enterprise
- Course Materials: As posted on SLATE

Weekly Outline:

The tentative weekly outline for this course is as follows:

Note: This weekly outline is subject to change and may be impacted by factors such as the class's progress and school closures. For upcoming deadlines consult the course calendar in SLATE.

Week 01	Tue, Jan 23, 2018	Course Introduction Object Relational Mappers
	Fri, Jan 26, 2018	Entity Framework
Week 02	Tue, Jan 30, 2018	Entity Framework
	Fri, Feb 02, 2018	Lab 1
Week 03	Tue, Feb 06, 2018	Quiz 1, ASP.NET MVC
	Fri, Feb 09, 2018	ASP.NET MVC
Week 04	Tue, Feb 13, 2018	ASP.NET MVC
	Fri, Feb 16, 2018	ASP.NET MVC
Week 05	Tue, Feb 20, 2018	Lab 2
	Fri, Feb 23, 2018	Quiz 2, Web API
Reading Week	Tue, Feb 27, 2018	
	Fri, Mar 02, 2018	
Week 06	Tue, Mar 06, 2018	Web API
	Fri, Mar 09, 2018	Web API
Week 07	Tue, Mar 13, 2018	Lab 3, Review
	Fri, Mar 16, 2018	Midterm Exam, Lab 4
Week 08	Tue, Mar 20, 2018	Visual Studio Testing Tools
	Fri, Mar 23, 2018	Visual Studio Testing Tools
Week 09	Tue, Mar 27, 2018	Lab 5
	Fri, Mar 30, 2018	
Week 10	Tue, Apr 03, 2018	SSRS
	Fri, Apr 06, 2018	SSRS
Week 11	Tue, Apr 10, 2018	ASP.NET & Windows Azure Deployment
	Fri, Apr 13, 2018	Lab 6
Week 12	Tue, Apr 17, 2018	Quiz 3, Lab 7, Capstone
	Fri, Apr 20, 2018	Lab 8, Review
Week 13	Tue, Apr 24, 2018	Final Exam
	Fri, Apr 27, 2018	