

## STUDENT COURSE INFORMATION

FANSHAWE COLLEGE OF APPLIED ARTS AND TECHNOLOGY  
INFORMATION TECHNOLOGY  
May 2014

### INFO-3067 -- ASP.NET PROGRAMMING WITH C#

**Duration:** 45 total course hours

**Credit Units:** 3.00

\*NOTE: The hours may vary.

#### This course is a prerequisite for:

INFO-3069      WEB APPLICATIONS & TECHNOLOGIES  
INFO-5060      COMPONENT-BASED PROGRAMMING WITH .NET

#### Prerequisite(s) for this course:

INFO-1118      PROGRAMMING FUNDAMENTALS  
INFO-1136      PROGRAMMING FUNDAMENTALS  
INFO-1150      PROGRAMMING FUNDAMENTALS

#### Course Description:

In this course the student will be working directly with ASP.Net MVC to understand how this technology can facilitate the construction of intranet/internet applications. By working with other Windows based server components such as IIS, SQL Server, the .Net framework, and Entity Framework and the student will also learn how they interact with one another.

#### Vocational Course Learning Outcomes:

Upon successful completion of this course, the student will be able to:

- 1) Create a functioning n-tier eStore application consisting of catalogue, shopping cart, and ordering processes.
- 2) Solve problems such as dealing with multiple concurrent users on transactional basis,
- 3) Execute mathematical operations accurately to facilitate order processing and inventory control
- 4) Analyze, evaluate, and apply relevant information from a variety of sources, for example code industry standard algorithms
- 5) Adhere to standards for coding in the browser (JavaScript/JQuery)
- 6) Apply web technologies such as: MVC, JQuery, CSS3, HTML5, Google maps

#### Essential Employability Skills Learning Outcomes:

Essential Employability Skills Learning Outcomes		Taught	Reinforced	Assessed or evaluated
1.	Communicate clearly, concisely and correctly in the written, spoken and visual form that fulfills the purpose and meets the needs of the audience.	€	€	€

2.	Respond to written, spoken or visual messages in a manner that ensures effective communication.	€	ℬ	ℬ
3.	Execute mathematical operations accurately.	ℬ	€	ℬ
4.	Apply a systematic approach to solving problems.	ℬ	€	ℬ
5.	Use a variety of thinking skills to anticipate and solve problems.	ℬ	€	ℬ
6.	Locate, select, organize and document information using appropriate technology and information systems.	ℬ	€	ℬ
7.	Analyze, evaluate and apply relevant information from a variety of sources.	ℬ	€	ℬ
8.	Show respect for the diverse opinions, values, belief systems and contributions of others.	€	€	€
9.	Interact with others in groups or teams in ways that contribute to effective working relationships and the achievement of goals.	€	ℬ	€
10.	Manage the use of time and other resources to complete projects.	ℬ	€	ℬ
11.	Take responsibility for one's own actions, decisions and consequences.	€	ℬ	ℬ

### Detailed Content:

Week 1	Intro to ASP.Net MVC and course architecture
Week 2	Programming ASP.Net MVC with Twitter Bootstrap Styling
Weeks 3-7	Case study milestone #1 (e-store shopping cart)
Week 8	Midterm review and Exam
Week 9	Case study programming cont'd, Google Maps, JQuery, and SMTP coding
Weeks 10-13	Case study milestone #2 (Ordering, Google apis, JQuery)
Weeks 14	Final demonstration, exam review and final exam

### Teaching Methodologies:

The student will learn various Microsoft internet and programming technologies through sample exercises. The exercises may be given in oral, written, or video format. The concepts learned in the exercises will then be applied to build a practical internet application.

### Required Learning Resources:

There is no required text for this course, there is however a number of downloadable items from various sources that the students will be required to use throughout the course.

### Method Of Evaluation:

The final mark/grade for this course will be determined as follows:

In-class exercises and assignments	20%
Case study milestone #1	15%
Case study milestone #2	15%
Midterm	25%
Final	25%

NOTE: In order to obtain a credit for this course the student will have to achieve an overall average of 50%.

Test and assignment due dates will be provided by the professor at the beginning of the course.

### Missed Evaluations

It is expected that all students will write course evaluations (tests, quizzes, exams) on the scheduled deadline.

If a student misses an evaluation due to exceptional circumstances (e.g. serious illness, bereavement) an opportunity may be provided to reschedule the evaluation. Whenever possible, prior notification must be given to the instructor. Immediately upon return to the College the student must fill out a Missed Evaluation Form available from the School of Information Technology Office in G3001 and submit the form to the instructor for approval. The student must state the reason for the absence and submit any documentation to support their request (e.g. doctor's note, bereavement notice). For an evaluation worth 25% or more, a fee will be charged to cover the administration costs of rescheduling the examination. This fee will be set annually by the Office of the Registrar.

All rescheduled evaluations that do not require specialized facilities, such as computer labs, will be completed in the College's Testing Centre (see Missed Evaluation Form for room numbers). Proof of payment must be presented to the invigilator at the Testing Centre before being allowed to write the evaluation.

**This course is NOT upgradeable under college policy 2-C-04.**

NOTE: Test and assignment due dates, etc. will be provided by the professor at the beginning of the course.

Consult the Program Division Policy for additional information on course evaluation and progression.

<u>Grade</u>	<u>Range</u>	<u>Comment</u>	<u>Grade Point</u>
A+	90-100	Distinguished	4.2
A	80-89		4.0
B+	75-79		3.5
B	70-74		3.0
C+	65-69		2.5
C	60-64		2.0
D+	55-59		1.5
D	50-54	Marginal	1.0
F	0-49	Unsatisfactory	0
P	greater than 50	Pass	N/A

I	N/A	Incomplete	N/A
N	N/A	No Credit Achieved	N/A
W	N/A	Withdrawn	N/A
X	N/A	Audit	N/A

**CHEATING** - All forms of cheating are considered an academic offence and the College has a clear policy on cheating. Please refer to Policy 2-G-04 on Fanshawe Online or in the Student Handbook.

**PLAGIARISM** - Plagiarism is cheating and an appropriate penalty will be applied and a report will be placed in the student's file in conformance with College Policy 2-G-04 on cheating. Plagiarism (the intellectual dishonesty resulting from a student's failure to acknowledge indebtedness to sources used) is a serious academic offence that shall result in appropriate penalties, to be determined at the discretion of the course professor in consultation with the Divisional Chair. Plagiarism includes, but is not limited to, submitting the same work to more than one professor for credit in different courses without prior written permission from the professors. Penalties shall range from failure of an assignment to possible failure of the course.

**REWRITES** - Students cannot make the assumption that any provision will be made by the professor to permit a student to rewrite failed assignments or tests.

### **Turnitin.com**

As part of Fanshawe College's commitment to fostering excellence in student assignments, this course may require students to submit their papers to Turnitin.com. This Web service is designed to help students understand the importance of identifying borrowed work in their essays, and how to correctly cite research sources. Instructions for how to use Turnitin.com will be provided by the professor, and additional information is available at [www.Turnitin.com](http://www.Turnitin.com).

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### **Additional Information:**

Consult your Program Outline for information concerning the minimum passing grade needed for this course.

**This is a condensed course that runs from May 5 to June 20, 2014..**

### **Prepared By:**

Evan Lauersen, April 2014

The following applies for course offerings consistent with the Standard Academic Calendar:

### **Internal/External Course Credit Application Deadline**

Applications for Internal/External Course Credit are available from the Office of the Registrar. Check college calendar for deadlines.

### **Course Add/Drop Deadline**

You may withdraw from a course without academic penalty during the first 70% of the course duration. Application is made through the Office of the Registrar.

## Academic Assistance

The primary resource for students experiencing difficulty with course material is the course professor. In addition, students who want to attend study skills workshops or who require further assistance should contact the Learning Centre in A2019 (519-452-4265) for one-to-one tutoring from staff in math, physics, chemistry and English or for information about peer tutoring. For faster service, students can submit an online request at <http://www.fanshawec.ca/peer-tutoring> to be matched with a Peer Tutor who has excelled or is excelling in their program.

Student Success Advisors are available to assist students with academic concerns or other problems they may face while at Fanshawe. They can either assist you directly, or refer you to the appropriate resource on campus to get the help you need. Contact information for your Student Success Advisor can be found on the Web at <http://www.fanshawec.ca/myssa>.

Students who have a disability or suspected disability are encouraged to contact Counselling and Accessibility Services in F2010 (519-452-4282) for information about academic accommodations and support services. A student with a disability may register online: <http://www.fanshawec.ca/earlyid>. Confidential personal, academic and career counselling services are also available at any Fanshawe College campus to support your success.

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## Re-taking a Course:

Subject to meeting any pre-requisite or co-requisite requirements, a student may retake a course. The second re-take must be approved by the Academic Manager or designate and will be granted based on extenuating circumstances and with recommended interventions such as counselling or a learning contract. Subsequent re-take opportunities will only be available as part of an overall success strategy developed in consultation with the student, program co-ordinator and the Academic Manager. The best grade achieved will be used in calculating the cumulative GPA.

## Related Policies

Course Grade System - [See College Policy 2-C-04](#)

Prior Learning Assessment and Recognition - [See College Policy 2-A-10](#)

Evaluations - [See College Policy 2-C-02](#)

Academic Standing - [See College Policy 2-C-05](#)

Student Appeal of a Grade or Other Academic Decision - [See College Policy 2-G-02](#)

Academic Withdrawal and Termination - [See College Policy 2-C-06](#)

Academic Offences - [See College Policy 2-G-04](#)

Student Code of Conduct Policy - [See College Policy 2-G-01](#)

Respectful College Community Policy - [See College Policy 1-B-46](#)

Authorized

By:



Date:

May 2014