

Fanshawe College

## FIRST: Fanshawe Innovation, Research, Scholarship, Teaching

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Documentation (Approvals etc...)

Information Security Management

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2010

### ISM1 Curriculum Modification for 2011-12

Fanshawe College

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All requests for changes to programs of instruction must be submitted to the Registrar's Office by December 1st each year for changes to be implemented for the following September intake. All changes require the approval of the Dean and possibly the VPA's Office, if significant.

REMINDER: We need to ensure that changes are made properly and in a timely manner to: maximize student success; optimize employment preparation; meet all quality and integrity responsibilities to MTCU, PQAPA and our Board of Governors; and meet community expectations.

- ↳ The *Program/Curriculum "Rationale for Changes"* should be completed using this template and all areas must be completed. An electronic copy of this document should be submitted to the Registrar's Office.
- ↳ The Dean/Chair responsible for the program should consult with other affected schools and obtain the appropriate sign-offs on a paper copy of this document. Once all consultations and sign-offs have occurred, the paper copy should be submitted to the RO
- ↳ Course Request Forms must also be submitted electronically to Strategy and Planning for all new courses. These will be forwarded to Scheduling following approval of the changes by the Dean and possibly the VPA's Office.

**1.0 Program Requiring Changes**

Program Title:	Information Security Management	
Program Alpha & Number:	ISM1	
Effective Catalog Year:	2011/12	

*Please answer each of the questions below, if applicable. Missing or incomplete information may delay approval and/or implementation of the proposed changes.*

**2.0 Rationale for Changes**

**2.01 Provide a brief description of the reasons for the proposed changes.**

This program is running for the first time in Fall 2010. Very early in the semester, we recognized that the subject matter of the courses (INFO6005 Business Processes and Security Policies and INFO6006 Business Continuity) is very closely related and some of the material overlaps. We feel these two courses can very easily be combined into one as the material is complementary. Neither course has enough value added content to cover 15 weeks. We feel we could better serve the students needs by combining these two courses and developing a new first semester course in the area of security programming. As more and more vulnerabilities are concentrated on web browsers and web applications, we need to provide the students with a deeper understanding of secure coding practices. During the development of the second semester courses, it was recognized that the students needed more background in the basics of web applications. A new first semester course would provide the background for at least two second semester courses. This would allow us to go into more depth in the second semester courses and provide the students with a better appreciation of what is happening in security today.

**2.02 Students**

- Are changes a response to student feedback? Or our Programs Data Report - Weak Factors? (summarize how changes address this issue)  
**No the changes are a response to the program team identifying the need to combine two similar courses and the need to develop a basic course in security programming/scripting to provide the background for the second semester courses**
- How will changes affect student learning and success? (describe evidence to support this)  
**Combining the two courses will allow for clarity and continuity of content for the students. Right now, because the subject matters are so closely related the students have trouble keeping the subject matter for each course straight. The new proposed course will help to provide background and understand for courses in the second semester.**
- How will changes affect cost of the program for students? (e.g., materials fees; equipment fees - laptop program; OSAP implications)  
**No changes in the cost of the program**
- How will changes affect the flow of the program?  
**These changes will greatly help the flow of the program. The students will now have the background to better handle the more complicated topics discussed in the second semester**

### 2.03 Relationship of Program to Industry

- How do changes reflect trends in the field or in industry? (Provide data regarding industry and/or professional trends.)  
**More and more vulnerabilities are concentrated on web browsers and applications. The new proposed course will give the students an appreciation and understanding of the issues and prepare them for more in depth study in the second semester**

### 2.04 Program Learning Outcomes

- How do the changes align with Ministry outcomes? (Provide a copy of the completed program map indicating gaps/overlaps that are being corrected)

**These changes will align with the following Program learning outcomes**

1. **apply knowledge of computer operating systems, networking, and various application software to the simulation of business processes**
2. **develop best practices to protect business resources through the application of knowledge of vulnerabilities and exploits**
3. **develop security strategies for the deployment of security procedures and protective devices**

### 2.05 Relationships with Other Fanshawe College Programs

- Is this course in a laddered program or part of any other Fanshawe College program?

N/A

### 2.06 Relations with Other Post-Secondary Programs

- How will the changes affect transfer agreements with other post-secondary institutions?
- What discussions have been initiated with these institutions regarding the changes?

N/A

### 2.07 Changes on Fit of Program with general College Requirements for Programs

- How do changes affect the fit of the program with the College's strategic plan, program mix, general education requirements, marketing?

N/A

- Are changes consistent with Colleges policies/practices? (Identify specific areas where policies/practices need to be altered if program changes approved.)

N/A

**3.0 Consultation Regarding Proposed Changes**

**3.01 Consultation With Program Advisory Committee**

- Indicate feedback from the program advisory committee regarding the changes.

N/A

**3.02 Consultation With Other Programs/Schools/Services**

- What programs/schools/services have been consulted?
- What feedback and suggestions have been offered through consultation?

N/A

**4.0 Resource Implications of Proposed Changes**

**4.01 Staffing**

- Outline all staffing consequences, both for the program and related areas.

No impact

**4.02 Services**

- Outline all consequences on other areas.

No impact

**4.03 Space or Technology Requirements**

- Outline how changes affect space and/or technology requirements.

No impact

**4.04 Budgetary Implications**

- Outline budgetary implications (include consequences on other schools such as increase/decrease in teaching hours required)
- Outline changes to materials fees.

No impact

**Approvals: Chair of School and Dean of Faculty; possibly VPA's Office, if significant**

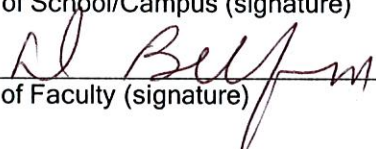
Approved

Not Approved / Requires Changes

  
Chair of School/Campus (signature)

Date

Nov. 26/10.

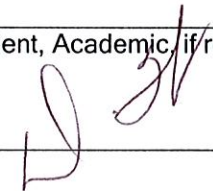
  
Dean of Faculty (signature)

Date

Nov. 30/10

Chair of Servicing School, if required (signature)

Date

  
Vice-President, Academic, if required (signature)

Date