

Fanshawe College

FIRST: Fanshawe Innovation, Research, Scholarship, Teaching

Documentation (Approvals etc...)

Internet Applications and Web Development

2018

IWD1 Curriculum Modification for 2018-19



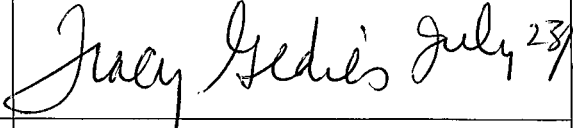
Fanshawe College

Follow this and additional works at: https://first.fanshawec.ca/cae_infotech_internetappandwebdev_documentation

CURRICULUM MODIFICATION REQUEST FORM

COURSE OR PROGRAM CURRICULUM "RATIONALE FOR CHANGE"

Program Requiring Changes

Program Title: Internet Applications & Web Development		
Program Number: IWD1	Date Submitted: 6/22/2018	
Dean responsible for program: Sue Deakin	Chair: Jim Edwards	
Credential Provided: <input type="checkbox"/> Declaration of Academic Achievement <input type="checkbox"/> Local Certificate <input type="checkbox"/> Ontario College Certificate <input checked="" type="checkbox"/> Diploma <input type="checkbox"/> Advanced Diploma <input type="checkbox"/> Grad Certificate <input type="checkbox"/> Degree <input type="checkbox"/> Apprenticeship		
Program Intakes: <input checked="" type="checkbox"/> F <input checked="" type="checkbox"/> W <input type="checkbox"/> S Other:	Catalogue Year(s) Impacted: 20178	
Residency Requirement: <input type="checkbox"/> Met or <input type="checkbox"/> Not Met	Date of Last Program Review: Click here to enter a date.	
<i>I have read the reasons for the change and...</i> <i>Signature and date</i>		
Dean of Faculty (Lead program):	<input checked="" type="checkbox"/> Approve <input type="checkbox"/> Do Not Approve	 June 22/18
Dean of Faculty (Affiliate program-impacted by change):	<input type="checkbox"/> Approve <input type="checkbox"/> Do Not Approve	
Dean of Faculty (Affiliate program-impacted by change):	<input type="checkbox"/> Approve <input type="checkbox"/> Do Not Approve	
Senior Vice President Academic (required for major changes and late DAs):	<input checked="" type="checkbox"/> Approve <input type="checkbox"/> Do Not Approve	
Director, Centre for Academic Excellence:	<input checked="" type="checkbox"/> Supports <input type="checkbox"/> Does Not Support	 July 23/18
Office of the Registrar:	<input type="checkbox"/> Supports <input type="checkbox"/> Does Not Support	
Notes:		

Please answer each of the questions below, if applicable. Missing or incomplete information may delay review of the proposed changes.

- 1.0 Describe proposed change(s). Complete Appendix A (if necessary) and amend SDAR (Refer to Appendix C).

Starting in the Fall of 2017, the common first semester between IWD and CPA programs was removed, as a means of achieving a higher degree of concentration in the specific programs.

Upon conducting the program review this spring, it was determined that the curriculum overlapped substantively between the new first semester INFO-1214 Programming Fundamentals and the existing third semester INFO-3069 Web Applications & Technologies in IWD.

In order to remove curricular redundancies, and to address the changes that have occurred in the programming language, a new course was developed. INFO - 3144 Applied JavaScript Tools and Frameworks will need to replace INFO-3069, for IWD1 students only.

- 2.0 Reason/Rationale for Changes

2.1 The reason for the change is based on:

- A recent program review
- Program Advisory Committee feedback
- Student feedback
- KPI results
- Accreditation or other regulatory requirements
- Shared curriculum
- Trends in the field/industry
- Other (please describe):

2.2 Does the change support the College's Strategic Framework (mission, vision, values)?

- Yes
- No (If no, please explain)

2.3 What strategic goal(s) does the proposed change support?

- Goal 1 - Enhance innovative practices for exceptional student learning
- Goal 2 - Manage enrolment growth
- Goal 3 - Optimize use of resources
- Goal 4 - Build sustainable sources of alternative revenue

3.0 Students

3.1 Will the change affect the cost of the program for students?

- Yes
- No

3.2 If yes, there will be an additional cost for:

- Materials (Include details):
- Equipment (Include details):
- Other (Please describe):

4.0 Program Learning Outcomes

4.1 Will the proposed change meet the Program Vocational Learning Outcomes? (Complete Appendix B and mark the changes in the mapping [e.g. red font])

- Yes (no change necessary, as mapping is the same)
- No

4.2 Are there any implications related to progression because of pre-requisite courses (and/or co-requisite courses)?

- No
- Yes (Info - 1214 will now be a prerequisite for INFO-3144)

5.0 Relationships with Other Programs

5.1 Are any of the courses impacted by the change provided by another School (e.g., SLLS, LKSB) and/or delivered at another campus?

- No
- Yes

5.2 What Schools/Campuses will be impacted by the proposed change?

- Lawrence Kinlin School of Business
- School of Information Technology
- School of Tourism, Hospitality and Culinary Arts
- School of Community Studies
- School of Health Sciences

- School of Nursing
- School of Public Safety
- School of Contemporary Media
- School of Design
- School of Language and Liberal Studies
- Donald J. Smith School of Building Technology
- Norton Wolf School of Aviation Technology
- School of Applied Sciences and Technology
- School of Transportation Technology and Apprenticeship
- Continuing Education
- Simcoe/Norfolk Regional Campus
- St Thomas/Elgin Regional Campus
- Woodstock/Oxford Regional Campus
- Huron/Bruce Regional Sites

5.3 Will the change affect pathway agreements (e.g., bridging, articulations, laddering, advanced standing) with other Fanshawe program(s) and/or other institution(s)? (Refer to the pathway agreements listed here: <http://transferagreements.fanshawec.ca/>)

- No
- Yes (If yes, indicate when you will notify the other Fanshawe program(s) and/or other institution(s) and the Pathways Coordinator in the Centre for Academic Excellence of the change)

5.4 If this program is a Co-Operative Education program, will the proposed change impact Co-op?

- No
- Yes (If yes, consult with the Co-op office prior to submission)

6.0 Resource Implications of Proposed Changes

6.1 Will the proposed change have staffing implications?

- No
- Yes (If yes, please explain)

6.2 Will the proposed change impact any of the Enabling areas?

- No
- Yes (If yes, please explain)

6.3 Will the proposed change affect space and/or technology requirements?

- No
- Yes (If yes, please explain)

7.0 General College Requirements

7.1 Are changes consistent with Colleges policies?

- Yes
- No (If no, please explain)

7.2 Will the program meet the General Education requirements (Policy 2-B-02) as listed below?

- No
- Yes

Local Certificate, Ontario College Certificate and Graduate Certificate - none required)	Diploma - 3 required (minimum of 1 must be an elective)	Advanced Diploma - 4 required (minimum of 2 must be electives)
---	--	---

7.3 Will the program have 25% distinct curriculum to meet the Residency Requirement of 25% credit units? Consider all pathway agreements (e.g., bridging, internal articulations, laddering, advanced standing) with other Fanshawe programs and/or other institutions.

- No
- Yes

Note: In accordance with POLICY NUMBER: 2-B-17 Graduation from Approved College Programs

...to be eligible for any College Credential a student must be enrolled and complete at least 25% of that program's credit units at Fanshawe College, unless stipulated differently by other approving bodies such as the Postsecondary Education Quality Assessment Board (PEQAB).

7.4 Indicate:

- i) Total program hours before proposed change: __1244__
- ii) Total program hours after proposed change: __1244__
- iii) Level(s) in which the proposed change(s) occurs: __3 (only)

7.4.1 Are the total program hours consistent with the requirements as listed below?

- Yes
- No (If no, please explain)

Local Certificate - 300 hours	Ontario College Certificate - 600 hours
Diploma - 1200 to 1400 hours	Advanced Diploma - 1800 to 2100 hours

Graduate Certificate - 600 hours	
----------------------------------	--

APPENDIX A: PROPOSED CURRICULUM MODIFICATION

Course Code	Existing DA Courses	Total Hours	Total Credits	Course Code	Proposed DA Courses	Total Hours	Total Credits
Level 1							
BUSI-1156	Strategies for Success	14	1	BUSI-1156	Strategies for Success	14	1
INFO-1135	Network Fundamentals-CCNA	75	5	INFO-1219	Network Fundamentals for Programmers	45	3
INFO-1150	Programming Fundamentals	75	5	INFO-1232	Programming Fundamentals for Web Development	90	6
INFO-1120	Database Fundamentals	45	3	INFO-1215	Database Fundamentals	60	4
INFO-1178	Configuring Windows Client	45	3	INFO-1233	Web Server Fundamentals	45	3
WRIT-1043	Reason & Writing 1 for IT	45	3	WRIT-1043	Reason & Writing 1 for IT	45	3
WRIT-1034	Reason & Writing 1 - EAP	60	4	WRIT-1034	Reason & Writing 1 - EAP	60	4
		TOTAL	359			TOTAL	359
Level 2							
INFO-1148	Web Design	60	4	INFO-1148	Web Design	60	4
INFO-3114	OOP for Web Development	60	4	INFO-3114	OOP for Web Development	60	4
INFO-3091	ASP.NET Programming	60	4	INFO-3091	ASP.NET Programming	60	4
INFO-3104	Relational Databases & SQL	45	3	INFO-3104	Relational Databases & SQL	45	3
MGMT-3052	Understanding Workplace Behaviours	45	3	MGMT-3052	Understanding Workplace Behaviours	45	3
INFO-1167	Business At the Speed of Light	45	3	INFO-1167	Business At the Speed of Light	45	3
		TOTAL	315			TOTAL	315
Level 3							
COMM-3077	Communications for IT	45	3	COMM-3077	Communications for IT	45	3
INFO-1131	Graphics	45	3	INFO-1131	Graphics	45	3
INFO-3069	Web Applications & Technologies	45	3	INFO-3069	Web Applications & Technologies - Applied JavaScript	45	3
INFO-3086	Web Standards	45	3	INFO-3086	Web Standards	45	3
INFO-3113	Mobile Web Development	45	3	INFO-3113	Mobile Web Development	45	3
INFO-3106	LAMP 1	75	5	INFO-3106	LAMP 1	75	5
		TOTAL	300			TOTAL	300
Level 4							
INFO-3084	Security	45	3	INFO-3084	Security	45	3
INFO-3085	Web Servers	45	3	INFO-3143	Web Servers 2	45	3
INFO-5054	Application Projects	45	3	INFO-5054	Application Projects	45	3
INFO-5064	Web Programming with XML	45	3	INFO-5064	Web Programming with XML	45	3
INFO-5094	LAMP 2	45	3	INFO-5094	LAMP 2	45	3
	General Education Credit	45	3		General Education Credit	45	3
		TOTAL	270			TOTAL	270
		PROGRAM TOTAL	1244			PROGRAM TOTAL	83

Replace INFO-3069 Web Applications & Technologies with
 INFO-3144 Applied JavaScript Tools & Frameworks

INFO-3144 Applied Java Script Tools & Frameworks

PROGRAM MAPPING - Internet Applications and Web Development																
PROGRAM ESSENTIAL EMPLOYABILITY SKILLS OUTCOMES																
LEVEL THREE																
LEVEL FOUR																
T = Taught	R = Reinforced	E = Evaluated														
R = 4	RE = 6	TE = 6	TRE = 7	INFO-1131 Graphics	INFO-3083 PHP	INFO-3097 Mobile Development	INFO-3099 Web Applications & Technologies	INFO-3052 Advanced Databases	COMM-3047 Communication for IT Professionals	INFO-5054 Application Project	INFO-3143 Web Servers 2	INFO-5064 Web Programming with XML	INFO-3084 Security	INFO-3086 Web Standards	Gen Ed Elective (G)	# OF COURSES EVALUATING THE OUTCOME FOR THIS YEAR
The graduate has reliably demonstrated the ability to: (Source: MTCU Code)																
1. communicate clearly, concisely and correctly in the written, spoken, and visual form that fulfills the purpose and meets the needs of the audience.																
				7			4	8	7	7	4	8	8	8		20
2. respond to written, spoken, or visual messages in a manner that ensures effective communication.																
				7		6	4	4	7	7	6	6	6	6		21
3. execute mathematical operations accurately.																
							6	6			6	7		7		12
4. apply a systematic approach to solve problems.																
				7	6	7	7	6	7	7	6	5	6	7		23
6. use a variety of thinking skills to anticipate and solve problems.																
				7	6	7	6	6	7	6	6	7	6	7		23
6. locate, select, organize, and document information using appropriate technology and information systems.																
				7	6	7	6	4	7	6	6	6		7		21
7. analyze, evaluate, and apply relevant information from a variety of sources.																
				4		6	7	6	7	6	6	6	7	7		20
8. show respect for the diverse opinions, values, belief systems, and contributions of others.																
				4			4		4	6		4		4		14
9. interact with others in groups or teams in ways that contribute to effective working relationships and the achievement of goals.																
				4					5	7	4	4		4		14
10. manage the use of time and other resources to complete projects.																
				4	6	6	5	5	4	5	6	6		5		22
11. take responsibility for one's own actions, decisions, and consequences.																
				4			4	5	4	5	5	6	6	7		21
TOTAL # OF OUTCOMES SUPPORTED BY EACH COURSE																
				10	4	6	10	9	10	10	10	11	6	11	0	
PROGRAM COORDINATOR: Michael Feeney																
ACADEMIC CHAIR: Jim Edwards																
Date Completed: November 21, 2018																

Degree Audit Report

Catalog: 2017/2018

Program: IWD1
Department: ITY - Information Technology
Academic Level: PS
CCD: 8 - 4AcadSem/1200-1400hrs
Credential: Ontario College Diploma

Grade Scheme: LG2
Major: IWD1 - Internet Appl & Web Develop.
Co-Op Indicator: N/A

Name: Internet Applications and Web Development

Div: ITY - Information Technology Division

Academic Program Requirement

Total Credits: 78.00 **Residency Reqmt:** 20.00
GPA Requirement: 2.00 **Residency Reqmt GPA:** 2.00
Minimum Grade: D

Academic Requirement: IWD1.17 Internet Applications and Web Development

Major: IWD1
Grade Scheme: LG2
Minimum GPA: 2.00
Minimum Grade:

Subrequirement: Level 1

Take all of the following Mandatory Courses:
Group 1

		Total Hours	Total Credits	GE
BUSI-1156	Strategies for Success	14.00	1.00	
INFO-1219	Network Fundamentals for Programmers	45.00	3.00	
INFO-1232	Programming Fund for Web Development	90.00	6.00	
INFO-1215	Database Fundamentals	60.00	4.00	
INFO-1233	Web Server Fundamentals	45.00	3.00	

Group 2

TAKE WRIT-1043 OR WRIT-1034

		Total Hours	Total Credits	GE
WRIT-1043	Reason & Writing 1 for IT	45.00	3.00	
WRIT-1034	Reason & Writing 1-EAP	60.00	4.00	

Subrequirement: Level 2

Take all of the following Mandatory Courses:

		Total Hours	Total Credits	GE
INFO-1148	Web Design	60.00	4.00	
INFO-3114	OOP for Web Development	45.00	3.00	
INFO-3091	ASP.NET Programming	60.00	4.00	
INFO-3104	Relational Databases & SQL	45.00	3.00	
MGMT-3052	Understanding Workplace Behaviours	45.00	3.00	**
INFO-1167	Business At the Speed of Light	45.00	3.00	**

Subrequirement: Level 3

Take all of the following Mandatory Courses:

Total Total GE

Degree Audit Report

		Hours	Credits
COMM-3077	Communications for IT	45.00	3.00
INFO-1131	Graphics	45.00	3.00
INFO-3069	Web Applications & Technologies	45.00	3.00
INFO-3086	Web Standards	45.00	3.00
INFO-3113	Mobile Web Development	45.00	3.00
INFO-3106	LAMP 1	75.00	5.00

INFO-3114

Applied Java Script
Tutorials
Frameworks

TG
July 23/18

Subrequirement: Level 4

Gen Ed - Take a 3 credit General Education elective course Take all of the following Mandatory Courses:

		Total Hours	Total Credits	GE
INFO-3084	Security	45.00	3.00	
INFO-3143	Web Servers 2	45.00	3.00	
INFO-5054	Application Project	45.00	3.00	
INFO-5064	Web Programming with XML	45.00	3.00	
INFO-5094	LAMP 2	45.00	3.00	

Subrequirement: Gen Ed - Electives

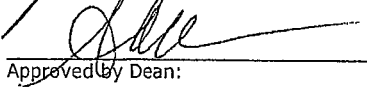
Take 3 General Education Credits - Normally taken in Level 4

Subrequirement: Program Residency

Students Must Complete a Minimum of 20 credits in this program at Fanshawe College to meet the Program Residency requirement and graduate from this program


Approved By Chair/Manager:

179 June 22/2018
Department and Date:


Approved by Dean:

June 22/2018
Date:

General Education Approved By(as appropriate):

Date: