

**PROG1189**  
**Comprehensive**  
**Development Project**

**Course Outline**



**Students are advised to retain course outlines for future use in support of applications for employment or transfer of credits.**

**Instructor**

Ryan, Bonnie

**Room**

A3120

**Availability**

As per schedule and afternoons after 3:30

**Phone**

Work: (506) 856-2280

**Email**

bonnie.ryan@nbcc.ca

**Instructor**

Azariah, Remy

**Room**

A3120

**Availability**

as per schedule and afternoons after 3:30

**Phone**

Work: (506) 856-2280

**Email**

remy.azariah@nbcc.ca

**Instructor**

Ivany, Stacey

**Room**

A3027

**Availability**

Mon - Fri, by appointment only

**Phone**

Work: (506) 856-2880

**Email**

stacey.ivany@nbcc.ca

**Instructor**

Burchill, David

**Room**

A3030

**Availability**

Mon - Fri, by appointment only

**Phone**

Work: (506) 856-3170

**Email**

david.burchill@nbcc.ca

**Program Title**

ITDI Information Technology: Web and Mobile Application Development 2015 - 2017 (Default)

**Delivering Campus**

NBCC Moncton Campus

**Delivery Mode**

In Class

**Period of Delivery**

Spring 2017 (from 2017-04-24 to 2017-05-12)

**Classroom**

A3111

**Course Schedule**

As Per Timetable

**Withdrawal date for no record on the student transcript**

2017-05-03

**Credits**

4

**Grading Basis**

Graded

**Pass mark**

60%

<b>Description</b> This course requires the students to develop an application using the skills learned throughout the program. The project requires the students to carry out a comprehensive OOAD followed by the development of an n-tier Web/Windows intranet application that supports a set of explicitly defined specifications. The students work in teams. Time outside of class is necessary to complete the project. Much of the allocated class hours are spent in interview situations with the client/instructor and with team members. Progress is closely monitored. Due to the practical nature of the course, final and supplemental exams are not administered.	
<b>Course Outcome</b> Develop a comprehensive n-tier, intranet application.	<b>Course Advisories</b> Successful completion of all previous work.
<b>Competencies</b> The following competencies will be achieved: <ol style="list-style-type: none"> <li>1. develop a project in an authentic, problem-based, contextual setting</li> <li>2. apply learning to all stages of project development</li> <li>3. create an effective IT application applicable to a "real world" situation</li> <li>4. work as an effective member of a software development team</li> </ol>	
<b>Essential Skills</b> Participation in the learning activities related to this course will reinforce the development of essential skills such as the following: <ol style="list-style-type: none"> <li>1. Manage Personal and Professional Growth</li> <li>2. Work with Others</li> </ol>	
<b>Activities / Assessments</b>	
<b>Procedure (30 %)</b>	<b>Weight(%)</b>
E1 Assessment	15
E2 Assessment	15
<b>Presentation (70 %)</b>	<b>Weight(%)</b>
Technical Team Assessment	35
Tech. Individual Assessment	35
<b>Teamwork</b>	<b>Weight(%)</b>
Working in a Team <p>Backup files daily, merge files with your partner at every possible opportunity. Must have a working merged iteration to demo to the user at the end of each iteration.</p>	
<b>Interview</b>	<b>Weight(%)</b>
Stakeholder Interviews <p>It is expected that students will interview stakeholders for clarifications on use cases and business rules. The outcome of these interviews will be documented and added on to the project's specifications to provide clarification as required.</p>	
<b>Required Resources</b> All documentation and project content provided in blackboard	

NBCC promotes transparency in the application of its policies and procedures. Subsequently, numerous policies that apply to students can be viewed at <http://nbcc.ca/about-nbcc/policies>. Policies and procedures are regularly reviewed and updated. Please be sure to check the site regularly for the most up-to-date document.

**Academic Integrity**

Each student should be aware of the College's policy regarding Academic Integrity. NBCC's Academic Policy will be strictly enforced.

**Student Code of Conduct**

Students are responsible to conduct themselves in a professional and ethical manner at all times.

**Accommodations and Support**

The College will provide reasonable accommodation to students with disabilities in order to promote academic success. - If you feel you may require accommodations or other forms of support while at NBCC, please talk to a counsellor at your campus.

**Missed Evaluations**

If extenuating circumstances exist, the onus is on the student to make alternative arrangements. The instructor shall make every reasonable effort to accommodate the student. If no extenuating circumstance exists, and the instructor has not given prior approval for an extension, then a grade of zero is given on the evaluation. Extensions are granted with a reasonable penalty attached.

**Withdrawal from a Course**

Students are advised to consult with an Academic Advisor prior to their withdrawal from a course.

**Supplemental Evaluation Measures**

Supplemental Evaluations apply to a student enrolled in a credited learning activity which has a final written assessment with an overall course weight of 25 per cent (25%) or greater. See NBCC policy Supplemental Evaluation Measures for more information.

**Applied Research and Innovation**

NBCC encourages the integration of Applied Research and Innovation into course activities to enrich the learning experience. If research ideas and activities involve human subjects, please refer to the Tri-Council Policy on research ethics. <http://tcps2core.ca/welcome>

**For Administrative Use Only**

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