



COURSE OUTLINE

Course Name: IT Development Project 2

Course Number: CSTP 2204

Number of Credits: 3.0

Effective Date: September 2019

Course Description:

Students will continue work as part of a development team on an IT problem for an external industry client that was started in CSTP 2103. Project will include the production and demonstration of functioning components of the system each release within deadlines set out in your project management documentation. Students will present the final product to the client.

School or Centre:

School of Trades, Technology and Design

Year of Study:

2nd Year Post-secondary

Course History:

New Course

Name of Replacing Course (if applicable):

Course Pre-requisites (if applicable):

CSTP 2101-Database Management Systems
CSTP 2103-IT Development Project 1
CSTP 2105-ITDevelopment Project Management 1

Course Co-requisites (if applicable):

PLAR (Prior Learning Assessment & Recognition)

No Yes (details below):

Instructional Strategies:

Instructional strategies include classroom lectures, demonstrations, group discussions, computer lab and hands-on practical work.

Course Learning Outcomes:

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

1. Adapt project processes in a team environment
2. Update project requirements for IT development project for an external client
3. Generate acceptance test results for IT development project for an external client
4. Adapt design models and analysis models to changing requirements for IT development project for an external client
5. Develop additional software for expanding product functionality for IT development project for an external client
6. Generate unit test results for IT development project for an external client
7. Use software version control
8. Revise user manual and installation manual for IT development project for an external client

Program Learning Outcomes:

Upon completion of this program, graduates will be able to:

1. Design, install and manage local area networks
2. Develop and design computer programs in various programming languages
3. Develop and design interactive web pages with multimedia components
4. Install, and configure computer hardware and software
5. Perform systems analysis and design
6. Program apps for mobile devices
7. Provide end-user technical support services
8. Troubleshoot and repair hardware problems

Evaluation/Grading System

Grading System	Specify if 'Other':	Specify Passing Grade:
Letter Grades		C

Components and Weighting of the Assessment/Evaluation Plan:

Type	Percentage	Evaluation Plan (provide a brief explanation for each component especially if value exceeds 35%):
Assignments	30	3 assignments
Midterm Exam	25	
Project	35	
Participation	10	
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Total		100

Learning Environment/Type

Instruction Type	Hours Per Instruction Type	Comments
J - Classroom/Online (Mixed Mode)	25	
B - Lab (Computer, Chemistry...)	35	
Total		60

Resource Material(s):

Resources are items in addition to tuition that the student is responsible for purchasing. Course resource information will be supplied by the department/instructor.

Course Topics:

- Project processes in a team environment
- Project requirements for IT development project for an external client
- Test results for IT development project for an external client
- Design models and analysis models to changing requirements for IT development project for an external client
- Additional software for expanding product functionality for IT development project for an external client
- Unit test results for IT development project for an external client
- Software version control
- User manual and installation manual for IT development project for an external client

VCC Education and Education Support Policies

There are a number of **Education** and **Education Support** policies that govern your educational experience at VCC, please familiarize yourself with them.

The policies are located on the VCC web site at:

<http://www.vcc.ca/about/governance--policies/policies/>

To find out how this course transfers, visit the BC Transfer Guide at www.bctransferguide.ca.

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Approved by Curriculum Committee:		Approved by Education Council:	
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