



v c c . c a

CMPT 1700: Software Product Management

EFFECTIVE DATE

September 2020

DEPARTMENT

Computers - City Centre

DESCRIPTION

This course will provide students with an overview of software product management with direct examples and case studies from industry. It will prepare students for the pursuit of professional software product management and product owner agile certifications. Students will learn software product management best practices, understand the role of the product team within organizations, and develop key skills to support them in their career path within software product management.

CREDITS

0.0

YEAR OF STUDY

1st Year Post-secondary

PREREQUISITES

Working knowledge of Excel

COREQUISITES

None

COURSE LEARNING OUTCOMES

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

- Describe product management (PM) and product ownership (PO), and the role the PM or PO plays within an agile software development environment.
- Create sprint plans and estimate effort, set up monitoring to track burndown and compare planned work against team progress.
- Run sprint planning meetings, stand-ups, backlog grooming meetings, sprint reviews, and sprint retrospectives.
- Create and manage project backlog through user stories, features, tasks, and epics.
- Identify and configure key metrics for team performance management.

- Create and manage a product roadmap, incorporating industry best practices.
- Generate budgets and financial models from project scope to identify resource load and cost requirements.

PRIOR LEARNING ASSESSMENT & RECOGNITION (PLAR)

None

HOURS

Lecture: 15

INSTRUCTIONAL STRATEGIES

GRADING SYSTEM

Satisfactory/Unsatisfactory

PASSING GRADE

'S' based on minimum 80% attendance

EVALUATION PLAN

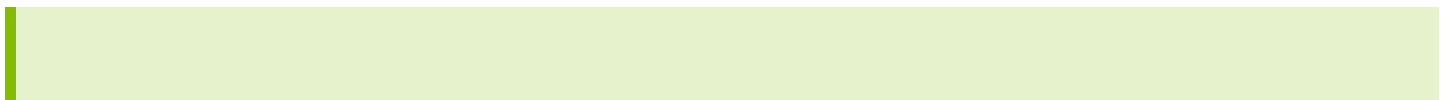
None

COURSE TOPICS

- Agile methodology (Scrum focus)
 - Backlog management
 - Product design, information management, and UX
 - Team performance management
 - Budgeting for product development
 - Product roadmap development and planning

LEARNING RESOURCES

E-text: [scrum.org scrum guide https://www.scrum.org/resources/scrum-guide](https://www.scrum.org/scrum-guide)



Notes:

- Course contents and descriptions, offerings and schedules are subject to change without notice.
- Students are required to follow all College policies including ones that govern their educational experience at VCC. Policies are available on the VCC website at:
<https://www.vcc.ca/about/governance--policies/policies/>.
- To find out how this course transfers, visit the BC Transfer Guide at <https://www.bctransferguide.ca>.

Broadway campus

1155 East Broadway
Vancouver, B.C. Canada
V5T 4V5

Downtown campus

250 West Pender Street
Vancouver, B.C. Canada
V6B 1S9

Annacis Island campus

1608 Cliveden Avenue
Delta, B.C. Canada
V3M 6P1

604.871.7000

vcc.ca

Generated at: 9:12 pm on Jan. 15, 2021