

COURSE SYLLABUS



MGMT1104

PROJECT MANAGEMENT
FOR INFORMATION TECHNOLOGY

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MGMT1104 PROJECT MANAGEMENT FOR IT

COURSE DESCRIPTION

This course introduces the fundamental principles for successful management of software development projects using modern Agile/Scrum techniques and best practices.

PREREQUISITES	none		
CO-REQUISITES	none		
EQUIVALENTS		X	N/A
ANTI-REQUISITES		X	N/A
CREDITS	3		
HOURS	45		

COURSE INSTRUCTOR

NAME	Ryan O'Farrell
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PHONE	403.681.5636
OFFICE HOURS	Please send a direct message through Slack

COURSE ADMINISTRATOR

NAME	
EMAIL	
PHONE	

LEARNING OUTCOMES

UPON SUCCESSFUL COMPLETION OF THIS COURSE
YOU WILL BE ABLE TO:

COLLEGE-WIDE
OUTCOMES SUPPORTED

0	Explain how developing software is an empirical process and explain how projects are constrained.	1, 2, 4, 5, 6, 8
1	Apply predictive and adaptive management methodologies to appropriate projects.	1, 2, 4, 5, 6, 8
2	Produce a basic predictive project plan including tasks, resource allocations, constraints, and risk assessment.	1, 2, 3, 4, 5, 6, 8
3	Participate in an Agile/Scrum development team, understanding roles, artifacts, ceremonies, radiators, and framework processes.	1, 2, 4, 5, 6, 8
4	Describe the Agile mindset and the lean waste approach, elicit requirements from stakeholders, create effective user stories and domain models.	1, 2, 4, 5, 6, 8
5	Categorize, estimate, and prioritize requirements using a value driven approach; groom a product backlog.	1, 2, 3, 4, 5, 6, 8
6	Create an Agile project charter.	1, 2, 4, 5, 6, 8

TOPICS COVERED

Predictive project planning	Building an Agile/Scrum project team
Project constraints and timelines	Participatory decision making
Effort, work, & duration	Communicating with stakeholders
Resource allocation & levelling	Test first and test driven development
Adaptive project planning & the Agile mindset	Agile tools
Agile/Scrum roles, artifacts, ceremonies, radiators, and framework processes	Agile modelling approaches (domain, process, wireframe)

Requirements elicitation	Agile chartering
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PERFORMANCE EVALUATION

COURSE LEARNING OUTCOME	ASSESSMENT STRATEGY	WEIGHT
1, 2, 3, 4, 5, 6	Learning activities	35%
1, 2, 3, 4, 5, 6, 7	Assignments	30%
1, 2, 3, 4, 5, 6, 7	Project	35%

No single assessment to exceed a value of 40%

GRADING SCHEME

GRADE	PERCENTAGE	GRADE POINT	DESCRIPTION
A+	95-100	4.0	Exceptional
A	90-94	4.0	
A-	85-89	3.67	Excellent
B+	80-84	3.33	
B	75-79	3.0	Good
B-	70-74	2.67	
C+	67-69	2.33	
C	64-66	2.0	
C-	60-63	1.67	Satisfactory
D+	57-59	1.33	
D	50-56	1.0	Minimal Pass
F	Less than 50	0.0	Fail

A Grade Point Average of 2.0 is required for graduation. A minimum grade of D / 50% is required to pass this course. However, your program may require a higher grade in this course for you to progress in the program and to graduate. Please refer to your individual Program Content Guide or contact your program coordinator for further details.

ACADEMIC ACCOMMODATIONS

Learners with a disability (learning, physical, and/or mental health) may qualify for academic and exam accommodations. For more information, or to apply for accommodations, learners should make an appointment with Accessibility Services in the Learner Success Services (LSS)

Department. Accessibility Services can also assist learners who may be struggling with learning but do not have a formal diagnosis. To make an appointment visit LSS on the first floor of the south campus or call 403-410-1440. It is the learner's responsibility to contact Accessibility Services and request academic accommodations. For more information, please visit our website at <http://www.bowvalleycollege.ca/accessibility>.

INSTITUTIONAL CONSIDERATIONS

Bow Valley College is committed to the highest standards of academic integrity and honesty. Learners are urged to become familiar with and uphold the following policies: Academic Honesty (500-1-7), Learner Code of Conduct, Procedures and Guidelines (500-1-1), Learner Appeals (500-1-12), Attendance (500-1-10), Grading (500-1-6), Academic Continuance and Graduation (500-1-5), and Electronic Communications (300-2-13). Refer to www.mybvc.ca/.

Audio or video recording of lectures, labs, seminars, or any other teaching and learning environment by learners is allowed only with consent of the instructor as part of an approved accommodation plan. Recorded material is to be used solely for personal study, and is not being used or distributed for anyone without prior written consent from the instructor.

Academic honesty is essential to the mission and vision of Bow Valley College. The College is committed to fostering an environment of academic honesty through education and compliance with academic honesty policies. Academic honesty is expected of all learners enrolled at Bow Valley College. Please review the Academic Honesty policy on your account on www.mybvc.ca/.

Learners are encouraged to keep a copy of this course outline for future reference.

COLLEGE-WIDE OUTCOMES

1. Communication
2. Thinking Skills
3. Numeracy and Financial Literacy
4. Working with Others
5. Digital Literacy
6. Positive Attitudes and Behaviours
7. Continuous Learning
8. Health and Wellness Awareness

- 9. Citizenship and Intercultural Competence
- 10. Environmental Sustainability

TECHNICAL REQUIREMENTS

D2L

This course is managed through D2L. You will find course and program information, grades, and other details about your course on D2L.

Lynda

Please check with your instructor about your Bow Valley College Lynda subscription.

Required Textbook

This course does not require a textbook.