





# Management Science (MGSC) 419

## Information Technology Project Management (Revision 4)

**Status:**

Replaced with new revision, see the [course listing](#)  for the current revision 

**Delivery mode:**

Individualized study online  with eText 

**Credits:**

3

**Area of study:**

Applied Studies (Business and Administrative Studies)

**Prerequisites:**

CMIS 351

**Precluded:**

None

**Challenge:**

MGSC 419 has a challenge for credit option.

**Faculty:**

[Faculty of Business](#) 

**Notes:**

Students registering in grouped study mode are advised that there may be some differences in the evaluation and course materials information indicated below. To obtain the most up-to-date information, contact the Faculty of Business Student



Support Centre at 1-800-468-6531.

## Overview

This course aims to achieve the following objectives:

- Provide an overview of project management concepts, characteristics, and environments.
- Discuss the importance of project definition and help students learn about important project definition tools such as the project overview statement (POS), requirements definition, and use cases.
- Teach fundamental planning and scheduling techniques useful for project managers such as work breakdown structures (WBS), critical path method (CPM), and Gantt charts.
- Introduce the importance of risk assessment within project management.
- Examine important monitoring and control tools and techniques such as earned value analysis and milestone trend charts.
- Discuss the importance of change control in traditional project management.
- Examine different project management approaches applied in different contexts.
- Discuss the importance of post-implementation audits

## Outline



MGSC 419 consists of 10 lessons, as outlined below:

- Lesson 1: Defining Projects and Project Management
- Lesson 2: Project Management and the System Development Life Cycle
- Lesson 3: The Scoping Process Group




- Lesson 4: The Planning Process Group
- Lesson 5: The Launching Process Group
- Lesson 6: The Monitoring & Controlling, and Closing Process Groups
- Lesson 7: Putting it All Together: Agile Project Management
- Lesson 8: Putting it All Together: Comparing TPM and CPM Models
- Lesson 9: Hybrid PMLC Mode


## Evaluation

To **receive credit**  in MGSC 419, you must receive a course composite grade of at least **D (50 percent)**  and a grade of at least 50 percent on the Final Examination. The weighting of each component is as follows:


Activity	Weight
Assignment 1	10%
Assignment 2	15%
Assignment 3	20%
Online Discussion	15%
Final Online Exam	40%
<b>Total</b>	<b>100%</b>

The **final examination** for this course must be requested in advance and written under the supervision of an AU-approved exam invigilator. Invigilators include either ProctorU or an approved in-person invigilation centre that can accommodate online exams. Students are responsible for payment of any invigilation fees. Information on exam request deadlines, invigilators, and other exam-related questions, can be found at the **Exams and grades**  section of the Calendar.





To learn more about assignments and examinations, please refer to Athabasca University's [online Calendar](#) .

## Materials

Wysocki, R. K. (2019). *Effective project management: Traditional, agile, extreme, hybrid* (8th ed.). Wiley.  (eText)

### eText

Registration in this course includes an electronic textbook. For more information on [electronic textbooks](#) , please refer to our [eText Initiative site](#) .

### Other Resources

All other learning resources will be available online.



## Challenge for credit

### Overview

The challenge for credit process allows you to demonstrate that you have acquired a command of the general subject matter, knowledge, intellectual and/or other skills that would normally be found in a university-level course.

Full information about [challenge for credit](#)  can be found in the Undergraduate Calendar.

### Evaluation

To [receive credit](#)  for the MGSC 419 challenge registration, you must complete an assignment and an exam. You must achieve a grade of at least **D (50 percent)**  on the examination and a composite grade of at least D (50 percent).





- Online Exam
- Project Management Analysis Paper





## Challenge for credit course registration form

### Important links

- › [Academic advising](#) 
- › [Program planning](#) 
- › [Request assistance](#) 
- › [Support services](#) 

Athabasca University reserves the right to amend course outlines occasionally and without notice. Courses offered by other delivery methods may vary from their individualized study counterparts.

*Opened in Revision 4, November 5, 2021*

*Updated November 5, 2024*

View [previous revision](#) 

