

# Management Science (MGSC) 419

## Information Technology Project Management (Revision 3)

**Delivery Mode:** Individualized Study Online [↗](#) with eText [↗](#)

**Credits:** 3

**Area of Study:** Applied Studies (Business & Administrative Studies)

**Prerequisites:** CMIS 351

**Precluded:** None

**Challenge:** MGSC 419 has a Challenge for Credit option.

**Faculty:** Faculty of Business [↗](#)

**Status:** Replaced with new revision, see the [course listing](#) [↗](#) for the current revision [✕](#)

**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

# 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

# Outline

MGSC 419 consists of 10 lessons, as outlined below:



- Lesson 1: Studying Project Management
- Lesson 2: Defining Projects and Project Management
- Lesson 3: Project Management and the System Development Life Cycles
- Lesson 4: The Scoping Process Group
- Lesson 5: The Planning Process Group
- Lesson 6: The Launching Process Group
- Lesson 7: The Monitoring & Controlling, and Closing Process Groups
- Lesson 8: Putting it All Together: Agile Project Management
- Lesson 9: Putting it All Together: Extreme Project Management
- Lesson 10: Establishing a Project Portfolio Management Process


➤ Evaluation

## 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 Exam        | 40%    |


| Activity     | Weight      |
|--------------|-------------|
| <b>Total</b> | <b>100%</b> |

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



**Note:** Examinations for this course are taken online, and must be taken at an invigilated location. It is your responsibility to ensure a computer with an Internet connection and a current web browser is available for your use at the invigilation centre.

## Materials

### Materials

Wysocki, R.K. (2014). *Effective project management: Traditional, agile, extreme* (7th ed.). Indianapolis, IN: Wiley. ISBN: 978-1-118-72916-8  (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

### 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

### 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.

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*Opened in Revision 3, August 4, 2016*

*Updated November 5, 2021, by Student & Academic Services*

View **previous revision** [↗](#)

