

Red River College campuses are located on original lands of Anishinaabeg, Cree, Oji-Cree, Dakota and Dene peoples, and on the homeland of the Métis Nation.

# Course Outline

## Course Information

<b>Course Code and Title:</b>	WEBD-2010 Project Mgmt Fundamentals & Agile Business Analysis for Full Stack
<b>Course Section:</b>	Online –Delivery 4 months
<b>Department:</b>	School of Continuing Education
<b>Program:</b>	Full Stack Web Development
<b>Total Hours:</b>	90
<b>Credit Hours:</b>	6

## COURSE DESCRIPTION:

This course will focus on the fundamental aspects and principles of project management. Students will learn about work breakdown structures, cost management and resource allocation. They will examine issues affecting project management including risk management, quality, conflict, and team building. Students will apply Agile methodologies, tools and techniques. In addition, students will explore how to manage the project team and ensure a positive end user experience.

## RECOGNITION OF PRIOR LEARNING (RPL):

RPL is a process in which students have the opportunity to obtain credit for College-level knowledge and skills gained outside the classroom and/or through other educational programs. It is a process that documents and compares a student's prior learning gained from education, work and life experience to the learning outcomes in College courses/programs. For more information about RPL at Red River College, refer to the RPL website at [rrc.ca/RPLservices](http://rrc.ca/RPLservices) or [A14 - RPL Policy](#).

For general information and assistance with RPL, contact Red River College's RPL Advisor at 204.632.3094 or [rpladvisor@rrc.ca](mailto:rpladvisor@rrc.ca).

## ACCESSIBILITY STATEMENT:

If you are a student with a disability and require reasonable accommodations, you are encouraged to discuss this privately with your instructor to facilitate greater understanding of your learning needs. To receive accommodations, you must connect with Counselling and Accessibility Services, who will assist in developing and implementing your accommodation plan. You can contact Counselling and Accessibility Services in person at NDC (D102) or EDC (P210), or by filling out the online intake form [rrc.ca/accessibility/getting-started/book-an-appointment](http://rrc.ca/accessibility/getting-started/book-an-appointment).

For further information about RRC's accommodation process, see the Disability Documentation Guide at [rrc.ca/accessibility/getting-started](http://rrc.ca/accessibility/getting-started).

**ACADEMIC REQUISITES:**

Recommended that students have education, training, or experience in the following:

- ☐ Verbal and written communication
- ☐ Mathematical and problem solving
- ☐ Management and organizations

**COURSE DELIVERY METHODS:**

Distance delivery; online using LEARN (eLearning Management System)

The following communication tools will be used in this course: RRC student email, online content, discussion board

Course Format:

The course will be conducted through online modules.

The course will include two tests, four discussion posts and three assignments that will be submitted through the LEARN interface.

**The following communication tools will be used in this course:**

Online Content  
Discussion Board  
LEARN

**EFFECTIVE DATE:**

January 4<sup>th</sup>, 2022

**Instructor Information**

**Instructor's name:** Craig Wilson  
**Email:** cswilson@rrc.ca  
**Office hours:** Tuesday and Thursdays 5 to 9 PM

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**Student Readiness****TECHNOLOGY AND EQUIPMENT READINESS:**

Students will need access to a computer with a word processor (ex. MS Word).

**STUDENT COMMITMENTS AND CONTACT TIMES:**

Students should expect to commit 4 to 8 hours to study and undertake assignment work each week.

## COURSE RESOURCES:

### Textbook – Recommended:

A Guide to the Project Management Body of Knowledge (PMBOK), 5<sup>th</sup> Edition, published by the Project Management Institute, ISBN13: 9781935589679

OR - A Guide to the Project Management Body of Knowledge (PMBOK), 6<sup>th</sup> Edition, published by the Project Management Institute, ISBN13: 9781628251845

The Agile Samurai - Jonathan Rasmusson 1<sup>st</sup> Edition, Pragmatic Bookshelf, ISBN 978-1934356586

Books can be purchased through the Red River College Campus Store;  
<http://bookstore.rrc.mb.ca/>.

### References:

RRC Library, 2<sup>nd</sup> floor Princess Campus. The library contains project management resource material stocked by RRC and The Manitoba Chapter of the Project Management Institute

Go to the RRC Library Search Page and enter “PMI” in the keyword field.  
<http://library.rrc.ca/>

## Student Learning

### LEARNING OUTCOMES:

By the end of this course of study, you should be able to...

1. Describe the framework used in project management.
2. Develop a project charter to describe stakeholder needs and expectations.
3. Create a work breakdown structure document with the associated project deliverables.
4. Prepare a budget to show project resources and cost estimates.
5. Create a project schedule using effort, time estimates and plan activities.
6. Analyze issues affecting project management to mitigate risks.
7. Describe the core principles of Kanban, Scrum, and Extreme Programming in agile development.
8. Develop documentation used in Agile projects.
9. Manage projects through release, iteration, and daily plans.
10. Conduct various types of Agile meetings in IT development

MODULE	TOPIC	QUIZZES	ASSIGNMENTS
1	Introduction to the Course Project Management Framework Projects and People		
2	Project Integration		
3	Scope Management		1
4	Time Management		
5	Cost Management		
6	Quality & Human Resource		
7	Communications Management		2
8	Risk Management		
9	Introduction to Agile	1	1
10	Agile terms and methodology	2	
11	Analyst Tools and Techniques PT1	3	
12	Analyst Tools and Techniques PT 2	4	2
13	Agile Documentation – User Stories	5	
14	Agile Documentation – Story Planning Workshops	6	3
15	Communication, Customer Management, Agile Meetings	7	

## IMPORTANT DATES:

**NOTE:** The following dates are subject to change based on the needs of the students at the instructor's prerogative. Students will be notified ahead of time of any changes.

DATE	IMPORTANT INFORMATION
10th Day	Drop date <u>deadline</u> (refund less admin fees) – form required*
3 weeks prior to the course end date	Extension & withdrawal <u>deadline</u> . This course is <b>NOT ELIGIBLE</b> for extensions. If you would like to Voluntarily withdraw, you must request this no later than 3 weeks prior to the end date. After this date, a grade will be entered.
Course end date	All course work must be completed and submitted.

## ASSESSMENT AND EVALUATION:

ASSESSMENT	WEIGHT
Assignment 1, 2 (10% each)	20%
Test 1 (online, multiple choice)	15%
Discussion Posts (1,2,3)	15%
Quizzes 1-7 (5pts each)	35%
Assignment 1,2,3, (5 pts each)	15%
Total:	100%

## LETTER GRADE DISTRIBUTION:

A+	4.5	90 to 100%
A	4.0	80 to 89%
B+	3.5	75 to 79%
B	3.0	70 to 74%
C+	2.5	65 to 69%
C	2.0	60 to 64%
D	1.0	50 to 59%
F	0.0	0 - 49%

'D' is minimum required to earn a credit.

\*Students must have a minimum program GPA of 2.0 to graduate. See Policy A12

## Course Policies

### ACADEMIC INTEGRITY:

Academic Integrity describes a commitment to honesty, truthfulness and accountability in teaching, learning and research. Academic misconduct describes acts and activities that breach standards of academic integrity, including and not limited to fraud, cheating, plagiarism, misuse or misrepresentation of sources, unauthorized collaboration, etc. Academic misconduct will be treated seriously and will not be tolerated. Clear expectations will be communicated to students to promote positive academic practices in compliance with RRC policy [S4 Academic Integrity](#).

### GENERAL ACADEMIC POLICIES:

It is the student's responsibility to be familiar with and adhere to the Red River College (RRC) Academic Policies. These Policies can be found in the RRC calendar or online under A SERIES – ACADEMIC MATTERS at [rrc.ca/legal/policies](http://rrc.ca/legal/policies).

### DATE REVISED:

September 1, 2022

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## Mental Health and Well-being at RRC

Having good personal health and well-being will support your success in this program.

### WE ENCOURAGE YOU TO:

- Recognize that stress is an expected part of being a college student.
- Rethink how you view difficulty. Being challenged is actually a part of learning and reaching success.
- Reflect on your role in taking care of yourself throughout the term. Do your best to balance your schoolwork and life demands.
- Reach out to your instructor, academic coordinator, or College supports at any time if something is affecting your academic performance. It's always best to reach out early and it's the responsible thing to do.

### COLLEGE SUPPORTS READY AND WILLING TO ASSIST YOU:

- [Student Counselling Services](#)
  - [Indigenous Student Supports](#)
  - [International Student Supports](#)
  - [Academic Success Centre](#)
  - [Student Accessibility Services](#)
  - [Health Services](#)
  - [Library Services](#)
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### AUTHORIZATION:

This course is authorized for use by:

Stephen Lawrence, Program Manager, School of Continuing Education

September 1, 2022