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

Course Code and Title: WEBED-2012 t Business Requirements Gathering & Design CE

Course Section: TBD

Department: School of Continuing Education

Program: Full Stack Web Development

Total Hours: 90 Hours

Credit Hours: 6

COURSE DESCRIPTION:

This course introduces business requirements within the context of full stack web application development. Students will gather and analyze data, prepare detailed business requirements for systems development, produce quality standards and present requirements for approval. Students will also develop problem-solving skills and the underlying skills needed to lead effective meetings, facilitate discussions, present information and to work as part of a team.

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 or A14 - RPL Policy.

Contact [Delete this text and enter contact or Chair name] at [Enter contact or Chair telephone] for information regarding RPL processes and opportunities for this course.

For general information and assistance with RPL, contact Red River College's RPL Advisor at 204.632.3094 or 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.

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

ACADEMIC REQUISITES:

None:

COURSE EQUIVALENCIES:

COURSE DELIVERY METHODS:

Classroom

Blended

Distance

The following communication tools will be used in this course:
LEARN (online content, discussion posts, and RRC Email

Course format:

Online self-directed

EFFECTIVE DATE:

January 3, 2022

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Instructor Information

Instructor's name: TBD

Email: TBD

Office phone: TBD

Office location: TBD

Office hours: YBD

Student Readiness

TECHNOLOGY AND EQUIPMENT READINESS:

Computer with Internet Access

STUDENT COMMITMENTS AND CONTACT TIMES:

6 hours per week plus homework.

COURSE RESOURCES:

Textbook(s):

Mastering the Requirements Process

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Student Learning

LEARNING OUTCOMES:

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

1. Describe the role of a business analyst in systems development.

2. Describe the role of the project team members in the systems development life cycle.

3. Analyze various types of business requirements in systems development.

4. Apply tools and techniques to structure business requirements in systems development.

5. Validate various types of business requirements in systems development.

6. Determine fit criteria for each business requirement.

7. Prepare use cases for each business requirement in systems development.

8. Apply quality standards to each business requirement in systems development.

9. Translate business requirements into information systems requirements.

10. Conduct interviews with clients and stakeholders to determine business needs.

11. Develop problem solving skills when determining business requirements in systems development.

12. Improve teamwork skills for systems development.

13. Present data and information as it relates to business requirements using a variety of methods

INSTRUCTIONAL SCHEDULE:

[Use Column One to describe how the course is broken down into units of instruction, such as modules, units, weeks or days. List the topics and descriptions to be covered, along with the assignments required for each. Add rows to table as needed. Delete these instructions when completed.]

	TOPIC	ASSIGNMENTS
Week 1: Module 1	Introduction to Systems Development	Discussion Post and Quiz
Week 2: Module 2	Understanding Requirements for Systems Development	Discussion Post and Quiz
Week 3: Module 3	Getting Started on a Systems Development Project	Assignment 1
Week 4: Module 4	Gathering Inputs for Business Requirements	Discussion Post and Quiz
Week 5: Module 5	Writing Effective Business Requirements	Review
Week 6: Midterm Exam	Modules 1-5	Midterm exam
Week 7: Module 6	Developing Use Cases	Assignment 2
Week 8: Module 7	Supporting Requirements: Diagrams	Assignment 2
Week 9: Module 8	Supporting Requirements: Charts	Review
Week 10: Module 9	Determining Fit Criteria	Discussion Post and Quiz
Week 11: Module 10	Quality Standards to Validate Business Requirements	Discussion Post and Quiz

Week 12: Module 11	Presentation and Communication Techniques	
Week 13: Module 12: Case Study	Case Study	Assignment
Week 14: Module 13	Technology Tools	Review
Week 15: Final Exam	Exam	Exam

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.

[Use this table to provide students with a list of dates important to their successful completion of the course. It should include assignment due dates, scheduled chats, deadline, VW dates, exams, deadlines, etc. Add rows to table as needed. Delete these instructions when completed.]

DATE	IMPORTANT INFORMATION
Sunday 11:59 pm one week after assigned	Discussion Posts (Modules 1, 2, 4, 9, 10)
Sunday 11:59 pm one week after assigned	Assignment 1
Sunday 11:59 pm one week after assigned (have one week window to complete; one hour timed)	Midterm
Sunday 11:59 pm two weeks after assigned	Assignment 2
Sunday 11:59 pm two weeks after assigned	Case Study
Sunday 11:59 pm one week after assigned (have one week window to complete; 90 mins timed)	Final Exam

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ASSESSMENT AND EVALUATION:

ASSESSMENT	WEIGHT
Discussion Posts (Modules 1, 2, 4, 9, 10)	5
Assignment 1	10
Midterm	20
Assignment 2	10
Case Study	30
Final Exam	25
Total:	100%

LETTER GRADE DISTRIBUTION:

[For Pass/Fail courses, delete the Letter Grade Distribution table below and replace the above heading with: Final grade is recorded as Pass or Fail. Where a letter or percentage grade is assigned, delete this text.]

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%

Minimum performance requirement for this course: D – 50 to 59%

Course Policies

ACADEMIC INTEGRITY:

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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.

SUPPLEMENTARY POLICIES:

Instructors can refuse to return graded tests and exams to students. However, upon request, students may view major term examinations or final examination papers, which have not been returned to them. All final examination papers will be kept by instructors for a minimum of one month into the next semester.

DATE REVISED:

[Delete this text and enter date this outline was last revised]

RED RIVER COLLEGE

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

AUTHORIZATION:

This course is authorized for use by:

Name Here
Chair, Department Name

Date here
Date

Approved by Senior Academic Committee April 16, 2021

rrc.ca