

SCHOOL OF PROFESSIONAL COMMUNICATION

**3RD FLOOR, ROGERS COMMUNICATIONS CENTRE
PROCOM.RYERSON.CA**

CMN 432

COMMUNICATION IN THE ENGINEERING PROFESSIONS

1.0 Course Description

Communication lies at the heart of the engineering professions. This course introduces students to the unique and varied communication challenges of their discipline. Through a combination of lectures, workshops, readings, and online simulations, students are exposed to the types of communication they will engage in as professionals and given the opportunity to refine their analytical, writing, presentation, and problem-solving skills.

Lecture: 2 hrs. Lab: 2 hrs.

2.0 Course Objectives/Learning Outcomes

- To demonstrate an ethical approach to engineering communication
- To develop documents and visual support that meet the needs of technical and non-technical audiences
- To work within a team environment to create documents for engineering practices

3.0 Topics Covered

- 3.1 Engineering rhetoric
- 3.2 Audience analysis
- 3.3 Employment and entrepreneurial communication
- 3.4 Research and documentation
- 3.5 Ethical communication
- 3.6 Collaborative writing
- 3.7 Technical definitions, descriptions and instructions
- 3.8 Technical and design reports
- 3.9 Visual communication
- 3.10 Oral presentations

4.0 Teaching Method

4.1 Lectures and Workshops

The course will be taught using lectures, workshops and online environments.

Workshops will take place in a computer lab and will focus on building writing skills and applying them to the types of communications discussed in both the lectures and workshops.

4.2 Term Grading Scheme

Students will complete a minimum of five graded assignments. No assignment will be accepted after the scheduled due date without prior permission from the instructor. Students will write a diagnostic test in the first workshop.

Persuasive message
Collaborative oral presentation
Midterm test
Collaborative report
Collaborative research proposal
Participation
Research progress report
Final exam 25%

4.3 Final Examination

No aids are allowed. Students must write the final examination to pass the course.

5.0 Course Materials

Online resources will be provided by the workshop and or course instructor.

5.1 Simulation Software

In selected sections, at the discretion of the instructor, students must purchase an online simulation package.

6.0 Course Policies

6.1 Students must adhere to university policies; see <http://www.ryerson.ca/senate/policies>. The most relevant policies are the following:

- Policy #46 Policy on Grading, Promotion, and Academic Standing ("GPA Policy")
- Policy #60 Academic Integrity
- Policy #61 Student Code of Non-Academic Conduct
- Policy #134 Undergraduate Academic Consideration and Appeals
- Policy #135 Examination Policy
- Policy #150 Accommodation of Student Religious, Aboriginal and Spiritual Observance
- Policy #157 Establishment and Use of Ryerson Student E-Mail Accounts For Official University Communication
- Policy #159 Academic Accommodation of Students with Disabilities

- Policy #166 Course Management Policy

6.2 Print and Digital Copying Guidelines

Ryerson University complies with Canada's [Copyright Act](#) which protects both creators/owners and users of copyrighted materials.

Students should familiarize themselves with [Ryerson's Copyright policies and procedures](#), and contact the Copyright and Scholarly Engagement Librarian at copyrt@ryerson.ca for questions, concerns and clarification of the copyright rules.

6.3 Turnitin.com

Turnitin is a plagiarism prevention and detection service. This tool assists instructors in determining the similarity between a student's work and the work of other students who have submitted papers to the site, internet sources, and a wide range of journals and other publications. While it does not contain all possible sources, it gives instructors some assurance that students' work is their own. No decisions are made by the service; it generates an originality report which instructors use to judge whether something is plagiarized.

All assignments in this course may be subject to submission for textual similarity review to Turnitin.com. All submitted papers will be included as source documents in the Turnitin.com reference database used solely to detect plagiarism in assignments. **Students who do not want their work submitted to this plagiarism detection service must, by the end of the second week of class, consult with the instructor to make alternative arrangements.** Even if an instructor has not indicated that Turnitin will be used or a student has opted out of using Turnitin, if an instructor suspects that an assignment has been plagiarized, the instructor may submit that work in a non-identifying way to a plagiarism detection service.

6.4 Email Communication

Ryerson requires that any official or formal email communication from students be sent from their official Ryerson electronic accounts.

6.5 Video and Audio Recording

No video or audio recording is permitted in class without the express permission of the instructor.

7.0 Ryerson's Learning Management System

Ryerson University supports Brightspace by D2L as its official Learning Management System. University Policies governing Brightspace have been

documented at the [Courses @ Ryerson Privacy and Security website](#).