

COURSE OUTLINE

Business 1299E: Business for Engineers

This introductory survey course, restricted to Engineering students, assumes no prior knowledge of business. Students learn business fundamentals in finance, marketing, engineering economics, organizational behaviour and general management. Students are taught business decision-making using the Ivey case method, wherein students explore real business issues, make management decisions, defend their position, and take action, within an active class environment

COURSE OBJECTIVES

1. To present an introduction to business administration and to offer students an exposure to Finance, Marketing, Engineering Economics, Organizational Behaviour, and General Management.
2. To provide students with the opportunity to develop skills for effective problem-solving. To do this, students will learn basic analytical tools (e.g., projections, break-evens, cost/benefit analysis, etc.) and then be required to apply these tools to problems, using case methodology.
3. To provide students with the opportunity to practise decision-making with imperfect information under time constraints.
4. To develop communication skills, both oral and written.

COURSE STRUCTURE AND CONTENT

The course is taught in five units: Financial Management, Marketing Management, Engineering Economics, Organizational Behaviour, and General Management. In each unit, students will examine and discuss a broad range of business cases involving situations where analysis and decision making are required. Students write a test (or exam) or a report at the end of each unit.

While students are expected to learn about the problems that managers face, the major benefit of the course is an understanding of the environment in which managers make decisions. Students will learn some of what is involved in good and bad judgment. Above all, they will develop the capacity to make sound decisions based on the available information. The course stresses the importance of making timely decisions, often with imperfect information.

Not all material that the student is expected to understand will be explicitly covered in class.

COURSE MATERIALS

Course Pack: Business for Engineers 1299E for 2018-2019

The course casebook and handouts are protected under copyright law and are considered mandatory fees by Western Senate and the Board of Governors.

Up-to-date information on class assignments, reports, tests and final exam is provided on the Business 1299E OWL site: <https://owl.uwo.ca/>.

TEACHING METHODOLOGY AND EXPECTATIONS

This course is taught primarily by the case method, which requires a much greater involvement of the student in class than does the traditional lecture method. Students will analyse the case individually in preparation for the class discussion. In the classroom, the instructor will act as discussion leader, with emphasis on students' active participation. The very nature of the case discussion approach demands a high level of **attendance, preparation, and contribution in class.**

Students are expected to be fully engaged in the entire learning process. This means devoting time and energy to preparation before class, listening to others during class discussions and engaging in class discussions. Collective reasoning and discovery are critical to the successful application of the case method. *Prior to any case discussion, engaging in discussions with (or examining notes from) others who may have already experienced the case class is a clear violation of our norms. To respect the intellectual property and integrity of materials presented in class, phones, cameras and any other recording devices are not to be used in the classroom.*

Detailed note-taking during class can often be distracting for others and counterproductive to your own learning. Instead, try to be selective in taking notes during class. It is a good idea to consolidate what you have learned at the end of each class or at the end of the day.

Talking privately with classmates or using a computer during class is not conducive to your own learning, and violates our norms. Please ensure your cell phone is turned off when in class.

Attendance

Attendance at all classes in this course is expected; however, circumstances may arise which make it impossible for you to attend. For example, if you are unable to attend a class due to health-related or other compelling reasons, you are expected to advise your instructor in advance. Under University regulations, your instructor can determine at which point absenteeism has become excessive and thus can prevent you from passing the course. **At the discretion of individual instructors, any student who misses more than 25% of scheduled classes will receive a class contribution grade of 0 out of 10 for the course.**

Appointments

If you wish to meet with your instructor, you can approach your instructor after class, see the instructor during the designated weekly office hours, or send an e-mail to your instructor to set up a mutually convenient time. Instructors' office locations, e-mail addresses, telephone numbers and office hours can be found on the Business 1299E OWL site: <https://owl.uwo.ca/>.

Evaluation

All components of evaluation (tests, reports, and final exam as noted below) must be completed for a student to be eligible for a passing grade in the course. Students must pass at least one of the following individual timed testing points to be eligible to receive a passing grade: finance test, engineering economics test, general management (final) examination. Reports submitted after ten business days of the due date will not be accepted, resulting in failure of the course. There will be no re-weighting of components within the course. Late penalties will be applied to all reports and will be clearly defined on cover pages of the reports.

Evaluation of the student is achieved through two mid-term tests, two written reports, a final examination and class contribution. The weightings of the graded requirements are:

<u>Segment</u>	<u>Date (tentative)</u>	<u>Weighting</u>
Finance Test	November 3, 2018	20%
Marketing Report	Due: December 7, 2018	15%
Engineering Economics Test	February 2, 2019	15%
Organizational Behaviour Group Report	Due: March 6, 2019	10%
General Management Examination	Final Exam Period	30%
Class Contribution	Ongoing	<u>10%</u>
TOTAL		100%

Evaluation Component Descriptions

Business 1299E is an essay course; consequently, the content of all testing vehicles (tests, reports, and the final exam) must include the universally acknowledged standard of correct English usage (spelling, points of grammar, syntax, and style). Additionally, all testing vehicles must be written clearly and concisely, developing an argument that supports the conclusions drawn from the analysis.

Class Contribution

Class contribution by each and every student is a cornerstone of any effective case method learning experience. Active class involvement augments the learning experience, increases assimilation of material and stimulates the level of class discussion. Students' contribution to this course is initiated through thorough class preparation. Cases should be analyzed, related to readings, lectures, and experience. Contribution is expected to be relevant to the current discussion and includes answering questions, volunteering answers, advancing the discussion to a new issue, developing one side of an argument, clarifying difficult concepts, and asking questions pertinent to the topic. Just as important is listening attentively to your classmates and critiquing ideas constructively. Class contribution may also include assignments, hand-ins, group evaluations, and prompt attendance.

Financial Management Test

The Financial Management test will be a case analysis and will cover the Financial Accounting and the Financial Management units.

Marketing Management Report

The Marketing Management report must be completed individually. The report will be a case analysis and will cover the Marketing Management unit. Students may not pay for consultation or advice in the preparation of the Marketing report.

Economics Engineering Test

The Engineering Economics test will be a case analysis and will cover the Engineering Economics unit.

Organizational Behaviour Report

The Organizational Behaviour report will be a group report based on a case analysis, covering the Organizational Behaviour unit. If it is brought to the attention of an instructor that a student has not contributed sufficiently to the Organizational Behaviour group report, the student may receive a grade penalty. This grade penalty will be at the discretion of the instructor and may be based on feedback received from other group members. Students may not pay for consultation or advice in the preparation of the Organizational Behaviour report.

General Management Exam

The General Management exam will be a comprehensive case analysis covering all units of the course, scheduled during the final exam period.

Students making travel arrangements for the holidays are advised not to book travel during the examination periods in December and April (Check your calendar for specific dates).

Business Foundations Policy for Tests and Examinations

Once students have written a test or examination they are committed to the mark earned.

Please seek assistance from your academic counselling office regarding reasonable grounds for writing a Business 1299E Make-up Exam.

For UWO Policy on Accommodation for Medical Illness see:

www.uwo.ca/univsec/pdf/academic_policies/appeals/accommodation_illness.pdf.

Students seeking academic accommodation for any missed tests, exams, participation components and/or assignments worth 10% or more of their final grade must apply to the Academic Counselling office of their home Faculty and provide documentation. Please alert your instructor that you have followed this procedure. Academic accommodation cannot be granted by your instructor or the Business Foundations department.

A student who is unable to write final examinations on religious grounds shall give notice of this fact in writing to his or her Dean as early as possible. In the case of midterm tests, such notification is to be given in writing to the instructor within 48 hours of the date announcement for the midterm. It is mandatory that students seeking academic accommodations under this policy give notification well in advance.

The only electronic equipment allowed during test and examinations, is a standard electronic calculator.

Scholastic Offences, Plagiarism and Collusion

Scholastic offences are taken seriously and students are directed to read the appropriate policy, specifically, the definition of what constitutes a scholastic offence, at the following website:

https://www.uwo.ca/univsec/pdf/academic_policies/appeals/scholastic_discipline_undergrad.pdf

Plagiarism is the submission of work that is in whole or in part someone else's work (including, but not limited to, text, calculations and exhibits), which you claim as your own. Students must write their assignments, essays, reports, exams, etc. in their own words. Whenever students take an idea or a passage from another author, they must acknowledge their debt both by using quotation marks where appropriate and by using proper references such as footnotes or citations. Plagiarism is a major academic offence (see Scholastic Offence Policy in the Western Academic Calendar).

All required case exams and reports may be subject to submission for similarity review to the commercial plagiarism detection software under licence to the University for the detection of plagiarism. All papers submitted will be included as source documents in the reference database for the purpose of detecting plagiarism of papers subsequently submitted to the system. Use of the service is subject to the licensing agreement currently in effect between The University of Western Ontario and Turnitin.com (www.turnitin.com).

UNIVERSITY RESOURCES

The website for the Office of the Registrar is <http://www.registrar.uwo.ca/>.

Students may also wish to contact Student Development Services at <http://www.sdc.uwo.ca/> or student support services at <http://westernusc.ca/services/>. Students who are in emotional/mental distress should refer to Mental Health@Western <http://www.uwo.ca/uwocom/mentalhealth/> for a complete list of options about how to obtain help.

CONTACTS

Course Coordinator

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