

**University of Windsor
Senate Steering Committee**

*4.1.4a-b: **Summary of Minor Course and Calendar Changes**

Item for: **Information**

Forwarded by: **Program Development Committee**

This document contains the following Summary of Minor Course and Calendar Changes:

- *a) Business
- *b) Engineering

These changes have been approved by the appropriate AAU Councils and the Faculty (Coordinating) Councils. The summary of the approved changes are forwarded to the Program Development Committee and Senate for information only.

*a) **Business - Summary of Minor Course and Calendar Changes**

INSTRUCTIONS ARE PROVIDED IN SHADED AREAS. DO NOT WRITE IN SHADED AREAS.

PART A

Please indicate with an "X" whether this change will be made to the undergraduate calendar or the graduate calendar, or both.	
X	The changes below, minor and largely editorial, will be made to the Undergraduate Calendar . These changes required no new resources.
___	The changes below, minor and largely editorial, will be made to the Graduate Calendar . These changes required no new resources.

When will these proposed change(s) be effective? [include semester and year]:	Winter 2011
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PART B

Please list the course number and indicate with an "X" the changes that are being made. Add rows to the table as required. Full details on the proposed change(s) are to be provided in Part C.							
Current course number	Deleting courses which are not part of any program's degree requirements*	Course calendar description changes	Pre/anti/co - requisite changes	Contact hour/ laboratory requirement changes	Course title changes	Renumbering courses	Cross-listing courses
70-151			X				
70-251			X				
70-255			X				
71-240			X				
71-243			X				
72-270			X				
73-102			X				
73-213			X				
73-220			X				
74-231			X				
75-290			X				

* If the deleted course was a required course in any program, the proposed deletion must be presented on a PDC Form 3.

PART C

Please provide the current and the proposed new course information by cutting and pasting from the current undergraduate or graduate web calendar (www.uwindsor.ca/calendars) and clearly marking deletions with strikethrough (strikethrough) and additions/new information with <u>bolding and underlining</u>.
For contact hour/laboratory requirement changes which do not always appear in the calendar, please

type in the current information and clearly mark deletions with strikethrough (~~strikethrough~~) and additions/new information with bolding and underlining.

Example:

03-101. University Senates –~~Role and Power~~

This course explores the history, role, and power of Senates in Canadian universities. (~~Also offered as 04-101.~~)
(Prerequisite: 03-100.)

~~2 lecture hours and 1 tutorial hour per week~~ **3 lecture hours/week**

[Insert proposed changes]

Non-Business Students: Business courses are restricted to Business students only, with the following exceptions:

- **All students must have successfully completed 04-75-100 before being allowed to register in any 200-level (or above) Business courses.**
- Business courses listed as part of the Business Minor are open to all students, **as long as the student has completed the associated prerequisite courses.**
- Specific Business courses required as part of a non-Business program (~~to be available to those students registered in that program~~) **are open only to students registered in that program.**
- Non-specific business courses required or allowed as part of a non-Business program (~~to be available to those students registered in that program with the consent of the Odette School of Business~~) **are open only to students registered in that program with the consent of the Odette School of Business.**
- In addition to specific course prerequisites, ~~Non~~-non-Business students must be in semester 3 or above before ~~being allowed to take~~ **taking** any 200-level Business courses, and are only eligible to take 300 or 400-level Business courses **only** if they are in semester 5 or above, or unless specific arrangements have been made between the student's department and the Odette School of Business.

70-151. Principles of Financial Accounting

An introduction to the theory and concepts of financial accounting including generally accepted accounting principles and issues as to classification, recognition, realization, measurement and reporting. The emphasis of the course is from the perspective of the user of accounting information, allowing the student to become familiar with the information available and its content value. (Pre or corequisites for Business students: 75-100 and 62-194 **or equivalent**).

70-251. Intro to Financial Accounting Theory

This is the first of 3 courses of intermediate accounting that presents the current developments in the theory of generally accepted accounting principles and CICA (Canadian Institute of Chartered Accountants) standards are introduced. An in-depth, theoretical examination of the determination, measurement, classification and reporting of assets is presented. The conceptual framework of accounting is stressed. (Prerequisites: 70-151 **and 75-100.** **Business students must also have completed 71-100.**)

70-255. Principles of Managerial Accounting

An introduction into management's use of internal accounting information for planning, managing, controlling and evaluation of business operations. Topics include cost concepts and costing techniques (including activity based costing), budgeting, cost-volume-profit analysis, standard costing, performance evaluation and product pricing. (Prerequisites: 70-151 **and 75-100.** **Business students must also have completed 71-100.**) (Credit may not be obtained for both 70-152 and 70-255, or for both 70-255 and 70-256).

71-240. Management and Organizational Life

This course provides an overview of the basics of management theory, coupled with a more applied view of how that theory may work in an organizational setting. It will build upon the understanding of strategic positioning and context provided by its new prerequisite Introduction to Business (75-100) where stakeholders, the environment, and business issues provide the background for understanding the challenges facing today's manager. The course will provide some experiential opportunities to develop team and leadership skills, while looking at what affects the role of the individual and the group within the structure of the organization. An understanding of the influences upon and ways to motivate behaviour in organizations will be developed. (**Prerequisite: 75-100.** **Business students must also have completed 71-100.**) (Credit cannot be obtained for both 71-240 and 71-340).

71-243. Human Resources Management

Human Resources Management (HRM) is concerned with the management of people at work - a key responsibility of people at work - a key responsibility of every manager within an organization. Topics include: integrating HRM decision making within a business strategy, recruiting and selecting qualified employees, developing and evaluating human resources and retaining and motivating employees through compensation systems, labour relations, and quality of work life initiatives. In recognition of the importance of the increasingly global context to Canadian organizations, the course incorporates a continuing international focus. **(Prerequisite: 75-100. Business students must also have completed 71-100.)**

72-270. Business Finance I

This course serves as an introduction to the area of business finance. The primary objective is to understand the fundamental concepts and principles of financial management of the business enterprise. After an introduction to the goal financial management, the course will cover the valuation of financial and real investments, risk and return, financial analysis, planning and control, and working capital management. ~~(Prerequisites: 70-151, and 62-194 or equivalent).~~ (Prerequisites: 70-151, 62-194 or equivalent, **and 75-100. Business students must also have completed 71-100.**)

73-102. Business Data Analysis

Statistical inference in a business environment. Topics include one population inferences, two population inferences, analysis of variance, Chi-Square tests, linear regression and correlation. (Prerequisites: 75-100 (pre or co-requisite); ~~Grade 12 "U" Data Management,~~ **any Grade 12 "U" Mathematics course,** and 73-101 or 62-194 **or equivalent**).

73-213. Introduction to Management Information Systems

This course provides an overview of Management Information Systems (MIS). Topics include: various types of MIS such as Information Reporting Systems, Decision Support Systems, and Office Automation Systems; introduction to hardware and software technology; personal, functional and enterprise information systems; and the value added to an organization by MIS. (Prerequisite: **75-100. Business students must also have completed 71-100.**)

73-220. Quantitative Decision Models I

An introduction to the use of quantitative approaches to decision making. Topics include linear programming (model formulation and applications, computer solution, sensitivity analysis, and interpretation), transportation model, project management; PERT/CPM, inventory control. (Prerequisites: 73-102, **75-100, and** 62-194 **or equivalent. Business students must also have completed 71-100.**)

74-231. Principles of Marketing

An introduction to the principles, concepts and techniques of marketing. A significant objective of the course is the development of a basic understanding of the marketing process and its role in the organization, in the economy, and in global markets. **(Prerequisite: 75-100. Business students must also have completed 71-100.)**

75-290. Fundamentals of Entrepreneurship

This is a survey course designed to introduce students from all faculties to entrepreneurship as a career option. The entrepreneurial process will be explored through a mix of lectures and case studies. Topics include the identification of profitable business ideas, assessment of business opportunities, entry strategies, marshalling resources, and the start-up process. ~~(Prerequisites: Semester 3 standing or above.)~~ **(Prerequisite: 75-100. Business students must also have completed 71-100.)**

Rationale:

1. To improve the presentation of prerequisites in the Undergraduate calendar and the SIS, thus making them easier to understand and less prone to incorrect interpretation;
2. To ensure that pre-requisites are clearly stated for both Business and non-Business students;
3. To ensure that non-Business students have successfully completed 75-100 before attempting any other Business course (aside from 70-151).

Business understands that while these pre-requisites can be listed in the calendar, the SIS cannot program differentiated prerequisites for Business vs. non-Business students. The Odette School of Business believes

that the wording in the calendar will guard against students enrolling in courses for which they do not have the prerequisites. The proposed changes are a clarification of what is already in place in the calendar.

Part D

<i>Please indicate with an "X".</i>	
Will the proposed changes result in changes to the learning outcomes of the course(s)?	
<input type="checkbox"/>	Yes. If so, please complete the learning outcomes form and append new learning outcomes, as appropriate, to this Form 4 submission. (See attached for learning outcomes form))
<input checked="" type="checkbox"/>	No.

*b) **Engineering - Summary of Minor Course and Calendar Changes**

INSTRUCTIONS ARE PROVIDED IN SHADED AREAS. DO NOT WRITE IN SHADED AREAS.

PART A

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PART B

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Current course number	Deleting courses which are not part of any program's degree requirements*	Course calendar description changes	Prerequisite changes	Contact hour/laboratory requirement changes	Course title changes	Renumbering courses	Cross-listing courses
88-324			X				
88-327			X				
88-329			X				

* If the deleted course was a required course in any program, the proposed deletion must be presented on a PDC Form 3.

PART C

<p>Please provide the current and the proposed new course information by cutting and pasting from the current undergraduate or graduate web calendar (www.uwindsor.ca/calendars) and clearly marking deletions with strikethrough (strikethrough) and additions/new information with <u>bolding and underlining</u>.</p> <p>For contact hour/laboratory requirement changes which do not always appear in the calendar, please type in the current information and clearly mark deletions with strikethrough (strikethrough) and additions/new information with <u>bolding and underlining</u>.</p> <p>Example: 03-101. University Senates – Role and Power—This course explores the history, role, and power of Senates in Canadian universities. (Also offered as 04-101.) (Prerequisite: 03-100.) 2 lecture hours and 1 tutorial hour per week <u>3 lecture hours/week</u></p>

Calendar Descriptions

88-324. Control Systems I

Transfer function and state variable description of linear systems; linearization of nonlinear systems; controllability and observability; transient performance; stability analysis; tracking performance; root locus and frequency response; performance analysis in frequency domain; PID control design. (Prerequisites: 62-215, 62-216, **88-313**.)(~~Corequisite: 88-313.~~) (3 lecture, 1.5 laboratory hours or equivalent a week.)Credit Weight 3.75.

88-327. Microprocessors

Microprocessor systems and architecture; pipelining; arithmetic units; memory structures; addressing modes; typical instruction sets; accumulator and memory reference instructions; stacks, subroutines, and other instructions; interrupts and timing; interfacing I/O devices; interfacing data converters; software development systems and assemblers; microcontrollers. (Prerequisites: 62-215, 62-216, 88-217, **88-316 and 88-330**.) (3 lecture, 1.5 laboratory/tutorial hours or equivalent a week.) Credit Weight 3.75.

88-329. Analog Communications

Analog communication systems; information measure; signals and noise; Fourier transform and spectra; bandwidth of signals; analog modulation and demodulation systems; AM, FM, TV transmitters and receivers, detector circuits. (Prerequisites: 62-215, 62-216, 85-214, **and 88-316**.) (3 lecture, 1.5 laboratory/tutorial hours or equivalent a week.) Credit Weight 3.75.

[...]

Part D

<i>Please indicate with an "X".</i>	
Will the proposed changes result in changes to the learning outcomes of the course(s)?	
<input type="checkbox"/>	Yes. <i>If so, please complete the learning outcomes form and append new learning outcomes, as appropriate, to this Form 4 submission. (See attached for learning outcomes form)</i>
<input checked="" type="checkbox"/>	No.