



# EFFECTIVE: SEPTEMBER 2004 CURRICULUM GUIDELINES

A. Division: **Instruction** Effective Date: **September 2004**

B. Department / Program Area: **Commerce & Business Admin.** Revision  New Course   
 If Revision, Section(s) Revised: **C,H**  
 Date of Previous Revision: **1999-10**  
 Date of Current Revision: **2004-09**

C: **ECON 4412** D: **Introduction to Model Building in Economics and Commerce** E: **3**

Subject & Course No.	Descriptive Title	Semester Credits
<b>F:</b> Calendar Description: <b>This course will involve the student in the task of forming explicit quantitative models as they are used in economics and commerce. Quantification and types and sources of data available to economics and commerce students are considered. Emphasis is on the development of the skills needed in empirical model building.</b>		
<b>G:</b> Allocation of Contact Hours to Type of Instruction / Learning Settings  Primary Methods of Instructional Delivery and/or Learning Settings:  <b>Lectures and Seminars</b>  Number of Contact Hours: (per week / semester for each descriptor)  <b>Lecture: 3 Hours</b> <b>Seminar: 1 Hour</b> <b>Total: 4 Hours</b>  Number of Weeks per Semester:  <b>15 Weeks X 4 Hours per Week = 60 Hours</b>	<b>H:</b> Course Prerequisites:  <b>(MATH 12 or MATH 102) and ECON 1150 and ECON 1250</b>	
	<b>I:</b> Course Corequisites:  <b>Nil</b>	
	<b>J:</b> Course for which this Course is a Prerequisite  <b>Nil</b>	
	<b>K:</b> Maximum Class Size:  <b>35</b>	
<b>L:</b> PLEASE INDICATE: <input type="checkbox"/> Non-Credit <input type="checkbox"/> College Credit Non-Transfer <input checked="" type="checkbox"/> College Credit Transfer: SEE BC TRANSFER GUIDE FOR TRANSFER DETAILS ( <a href="http://www.bccat.bc.ca">www.bccat.bc.ca</a> )		

<b>M:</b>	Course Objectives / Learning Outcomes  At the end of the course, the student will be able to:  1. demonstrate the ability to think analytically about human behaviour; 2. develop models relevant to economic analysis; 3. evaluate a model's implications and quantitatively confirm or refute the model's consequences.										
<b>N:</b>	Course Content:  1. Properties of models. 2. Nature of modeling processes. 3. Deductive logic and syllogisms. 4. Probability. 5. Source of data. 6. Data quality. 7. Decision trees and utility. 8. Indifference curve models. 9. Linear programming models. 10. Exchange models. 11. Learning models. 12. Diffusion models.										
<b>O:</b>	Methods of Instruction  Lectures and a weekly seminar, which will be devoted to problems.										
<b>P:</b>	Textbooks and Materials to be Purchased by Students  Love, Charles A., and James G. March, <u>An Introduction to Models in the Social Sciences</u> , Latest Edition. Harper and Row, New York.										
<b>Q:</b>	Means of Assessment  <table> <tr> <td>Final examination</td> <td>30% - 40%</td> </tr> <tr> <td>Mid-term examination</td> <td>30% - 70%</td> </tr> <tr> <td>Assignments (3 or more)</td> <td>00% - 30%</td> </tr> <tr> <td>Participation</td> <td><u>00% - 15%</u></td> </tr> <tr> <td></td> <td><u>100%</u></td> </tr> </table> THERE WILL BE A MINIMUM OF THREE (3) EVALUATIONS.	Final examination	30% - 40%	Mid-term examination	30% - 70%	Assignments (3 or more)	00% - 30%	Participation	<u>00% - 15%</u>		<u>100%</u>
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Assignments (3 or more)	00% - 30%										
Participation	<u>00% - 15%</u>										
	<u>100%</u>										
<b>R:</b>	Prior Learning Assessment and Recognition: specify whether course is open for PLAR  No										

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 Course Designer(s): **Rod Midgley**


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 Education Council / Curriculum Committee Representative

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 Dean / Director: **Rosilyn G. Coulson**


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 Registrar: **Trish Angus**