

**MSCI-4980. Modeling and Analysis in Management Science and Systems**

**Learning Outcomes**

Last Updated: May 11, 2012

(PDC120416-5.6)

<p><b>Learning Outcomes</b> <i>This is a sentence completion exercise.</i></p> <p><u>At the end of the course, the successful student will know and be able to:</u></p>	<p><b>Characteristics of a University of Windsor Graduate</b></p> <p><u>A U of Windsor graduate will have the ability to demonstrate:</u></p>
<p>A. Critically examine related models and their underlying assumptions in the areas of operations management, operations research, statistics and information systems.</p>	<p>A. the acquisition, application and integration of knowledge</p>
<p>B. Develop models independently to analyze problems.</p>	<p>B. research skills, including the ability to define problems and access, retrieve and evaluate information (information literacy)</p>
<p>C. Use optimization software to improve decisions, and office application software to make written and oral presentations</p>	<p>C. critical thinking and problem-solving skills</p>
<p>D. Use optimization software to improve decisions and office application software to make written and oral presentations</p>	<p>D. literacy and numeracy skills</p>
<p>E.</p>	<p>E. responsible behaviour to self, others and society</p>
<p>F. Write quantitative reports showing modeling, analysis, results and their significance</p>	<p>F. interpersonal and communications skills</p>
<p>G.</p>	<p>G. teamwork, and personal and group leadership skills</p>
<p>H.</p>	<p>H. creativity and aesthetic appreciation</p>
<p>I.</p>	<p>I. the ability and desire for continuous learning</p>