



The Association of Professional Engineers,
Geologists and Geophysicists of Alberta

**INDUSTRIAL ENGINEERING
COURSE EQUIVALENTS**

1998 Edition

Note: No Industrial Engineering courses are offered at the University of Calgary. The list below is for the University of Alberta.

<i>University of Alberta</i>	<i>University of Calgary</i>
98-IND-A1 MMP E 497 OR CIV E 492	Operations Research Operations Research Civil Engineering Applications of Operations Research
98-IND-A2	Analysis and Design of Work No Course Equivalent
98-IND-A3	Facilities Planning No Course Equivalent
98-IND-A4 MEC E 513	Production Management Production & Operations
98-IND-A5 ENG M 514 & MEC E 512	Quality Planning and Analysis Reliability for Design Quality Eng & Management
98-IND-A6 MGTSC 422	Systems Simulation Simulation & Computer Modelling Techniques in Management
98-IND-B1 MGTSC 301	Applied Probability and Statistics Probability, Statistics & Programming
98-IND-B2 MEC E 364	Manufacturing Processes Manufacturing Processes
98-IND-B3	Computer Aided Design and Computer-Assisted Manufacturing No Course Equivalent
	ENMF 401 Computer-Aided Designs Graphics

<i>University of Alberta</i>		<i>University of Calgary</i>	
98-IND-B4	Design of Information Systems No Course Equivalent	ENMF 525	Manufacturing Applications of Object Oriented Programming
98-IND-B5	Human Factors Engineering No Course Equivalent	ENMF 407	Human Behaviour in Organisms
98-IND-B6	Design of Work Places No Course Equivalent		No Course Equivalent
98-IND-B7	Financial and Managerial Accounting Introductory Accounting		No Course Equivalent
ACCTG 311 & ACCTG 322	Managerial Information & Control Systems	ENMP 507 OR ENMP 415/509	Integrated Manufacturing Systems I & II
98-IND-B8	Computer Integrated Manufacturing (CIM) No Course Equivalent	ENMP 415	Integrated Manufacturing Systems I
98-IND-B9	Transportation Economics No course equivalent		No Course Equivalent
98-IND-B10	Industrial Safety and Health Safety and Loss Management		No Course Equivalent
ENGG 404 & ENGG 406	Risk and Loss Management		

Revised April 2005