

36-233/ARCH 2330. Structures I

Learning Outcomes

Last Updated: April 7, 2010

PDC100308-6.2

Course Learning Outcomes <u>At the end of this course, the successful student will know and be able to:</u>	Characteristics of a University of Windsor Graduate <u>A U of Windsor graduate will have the ability to demonstrate:</u>
A. - explain the distinct physical properties, capabilities and liabilities of major building materials and structural systems used in architecture	A. the acquisition, application and integration of knowledge
B.- identify current and relevant research on structural systems	B. research skills, including the ability to define problems and access, retrieve and evaluate information (information literacy)
C.- solve problems associated with static and live loading for various structural systems	C. critical thinking and problem-solving skills
D.- calculate the distribution and magnitude of stresses in structures	D. literacy and numeracy skills
E.	E. responsible behaviour to self, others and society
F.	F. interpersonal and communications skills
G.	G. teamwork, and personal and group leadership skills
H.- apply their knowledge of material strength and behavior in the design and development of architectural forms	H. creativity and aesthetic appreciation
I.	I. the ability and desire for continuous learning