

VABE-1160/ARCH 1160. Architectural Design I

Learning Outcomes

Last Updated: April 7, 2010

(PDC100308-6.2)

<p>Course Learning Outcomes <u>At the end of this course, the successful student will know and be able to:</u></p>	<p>Characteristics of a University of Windsor Graduate <u>A U of Windsor graduate will have the ability to demonstrate:</u></p>
<p>A. - demonstrate a proficiency in visual communication related technologies - apply computer visualization techniques in representing design solutions - use software packages such as AutCAD to create architectural drawings and Revit to create 3D models</p>	<p>the acquisition, application and integration of knowledge</p>
<p>B. - locate and critically evaluate relevant design and rendering information</p>	<p>research skills, including the ability to define problems and access, retrieve and evaluate information (information literacy)</p>
<p>C. - use problem solving skills in the development of functional designs that satisfactorily address clients' needs and that are aesthetically pleasing</p>	<p>critical thinking and problem-solving skills</p>
<p>D. - communicate effectively in written format on creative issues and design processes</p>	<p>literacy and numeracy skills</p>
<p>E. - design environments that demonstrate a knowledge of human factors and ergonomic principles - apply a professional code of ethics</p>	<p>responsible behaviour to self, others and society</p>
<p>F. - effectively communicate design solutions to clients and user groups [verbally, graphically, and utilizing computer technologies]</p>	<p>interpersonal and communications skills</p>
<p>G. - work collaboratively in multi-disciplinary teams</p>	<p>teamwork, and personal and group leadership skills</p>
<p>H. - apply aesthetic judgment to architecturally related problems/ issues - demonstrate a mastery of computer graphics and mixed media - design structures using 3D graphic models and multimedia applications (video, graphics, audio, and text)</p>	<p>creativity and aesthetic appreciation</p>
<p>I. - develop an electronic portfolio for presentation to potential clients/employers that will change and evolve over time and through one's professional career</p>	<p>the ability and desire for continuous learning</p>