Landscape Design
A Three-Year Ontario College Advanced Co-operative Education Endorsed Diploma
1001 Fanshawe College Blvd. – Room D1063
London, ON N5Y 5R6
Phone: 519-452-4294  Fax: 519-452-4572
tec@fanshawec.ca

The Program
Landscape Design educates and trains students in the creation of beautiful, practical and sustainable residential, commercial and recreational landscapes. Students learn how to plan for and design the elements of a landscape such as topography, drainage ways, roadways, pathways, plantings, water features, lighting and site furniture in relation to a client’s proposed land use and existing site characteristics.

The Content
Landscape Design students become adept at surveying and analyzing sites. Their insight supports their design concepts and their associated selection of plants and building materials. Courses in design theory, plant identification, horticulture, building materials and construction techniques inform student’s work. Computer-aided design is fundamental to a student’s communication of their landscape design projects.

The Outcomes
Landscape Design graduates are employed in a diverse range of activities such as: residential and commercial property development, municipal parks and urban planning and design, landscape architectural practices, landscape design-build firms, plant nurseries. Some students pursue self-employment as landscape designers. The Landscape Design diploma allows students to begin the process leading to certification as a landscape designer or registration as a landscape architect.

Learning Outcomes
Year one:
- Understand the design process
- Understand how a modern landscape solution is affected by the history of landscape design, and the various styles/techniques commonly used in period gardens
- Measure a site and develop accurate base plans
- Undertake a detailed analysis of small commercial and residential gardens
- Prepare technical drawings, title blocks, details and landscape plans
- Prepare drawings and sketches in plan section and perspective
- Effectively use a wide range of landscape materials to prepare a design
- Identify and specify commonly used woody deciduous and evergreen plants
- Understand basic operations of computers used in a design setting
- Compete drawings using basic AutoCAD skills

Year Two
- Understand the impact of ecological elements in the development of a design
- Understand the history and the theory of modern architecture
- Understand the principles and techniques necessary to survey a site
- Interpret existing landforms and develop grading plans
- Understand the aesthetic principles associated with planting design
- Use perennials, annuals, vines and greases knowledgeably
- Prepare a full set of working documents including working drawings, specifications details and contracts
- Complete landscape plans using intermediate AutoCAD skills
- Present and illustrate designs at an advanced level
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- Use a range of computer programs to enhance design communication
- Apply hands-on experience in the use of concrete materials in landscape, ex. Paving stone
Course Outline:

Level 1 – Take all of the following Mandatory Courses
- WRIT-1036  Reason & Writing I – Art & Design
- COMP-1404  Dynascape - Intro
- DESG-1065  Landscape Design Studio I
- HORT-1047  Horticulture I
- LAND-1002  Site Inventory & Evaluation
- DESG-1075  Presentation & Illustration I
- HORT-1049  Woody Deciduous Plant ID
- LAND-1006  Land Styles and Techniques
- COOP-1020  Co-op Ed Employment Prep

Level 2 – Take all of the following Mandatory Courses
- Gen Ed – Take a 3 credit Gen. Ed. elective course
- COMM-3023  Comm for Designers, Planners, Techs
- CADD-1010  Computer Drafting for Design I
- DESG-1008  Landscape Design Studio II
- DESG-1066  Landscape Materials
- HORT-1015  Horticulture II
- ARTS-1038  Presentation & Illustration II
- HORT-1050  Woody Evergreen Plant ID
- ARCH-3004  Modern Architecture

Level 3 – Take all of the following Mandatory Courses
- CADD-3026  Computer Drafting for Design II
- DESG-3007  Landscape Design Studio III
- LAND-3001  Field Construction I
- HORT-3011  Plant Identification
- ARTS-3043  Presentation & Illustration I
- SURV-3013  Surveying & Site Services
- ECOL-1001  Ecology

Level 4 – Take all of the following Mandatory Courses
- Gen Ed – Take a 3 credit Gen. Ed. elective course
- CADD-3027  Computer Drafting for Design III
- DESG-3042  Landforms
- DESG-3015  Landscape Design Studio IV
- METH-3002  Working Documents
- HORT-3013  Planting Design Studio
- COMP-3079  Computer Illustration
- LAND-3008  Field Construction II

Level 5 – Take all of the following Mandatory Courses

Group 1
- CADD-5004  Computer Drafting for Design IV
- DESG-5022  Landscape Structures I
- METH-5008  Special Projects/ Research & Dev
- ARTS-5015  Computer Illustration II
- MTNC-5001  Landscape Management
- DESG-5004  Landscape Studio V

Group 2
- CONS-5013  Landscape Construction
- LAND-5006  Landscape Studio V (Italian)
- LAND-5007  Landscape Theory (Arch & Design)
- LAND-5008  Critical Readings
- LAND-5009  International Studies
- CADD-5004  Computer Drafting for Design IV

Level 6 – Take all of the following Mandatory Courses
- CADD-5015  Computer Drafting for Design V
- DESG-5010  Landscape Structures II
- DESG-5009  Landscape Studio VI
- METH-5017  Special Project/Research & Dev II
- METH-5014  Professional Practice
- METH-1043  Geographical Information System I
- BUSI-1148  Small Business

Program Requirements:
- Take two 3-credit General Education Elective Courses
- Program Residency

Students must complete a minimum of 28 credits in this program at Fanshawe College to meet the Program Residency requirement and graduate from this program.

Why Should You Hire a Co-operative Education Student?
Many employers feel today’s graduates have no concept of the “real” world of work; we are providing this experience in Co-operative Education. Any job that gives the student related background in your business would be suitable.

Eligible employers can claim a tax credit for each qualifying work placement for up to $3000.

Co-operative Education students are ultimately looking ahead to careers in businesses such as yours. For this reason they are not expecting to simply put in time on the job, but are eager to get involved and make a worthwhile contribution. Participation in co-operative education also gives the employer the opportunity to try out a student’s capabilities without obligation or commitment to permanent employment.

This work oriented educational system integrates classroom study and paid, on-the-job work experience, by alternating periods in College with periods of employment by co-operating organizations. The work terms are spaced out through the academic program and students will be at various academic levels in successive work terms. The working experience will ideally increase in difficulty and responsibility as the student progresses academically. However, the College realizes it is often difficult in practice to do this.

It is essential that the work experience be a normal one; that the student be treated like a regular company employee so that a realistic picture of the working environment in that field may be obtained. Perhaps most important is what students gain from the working experience: an attitude for success and the ability to get along with co-workers at all levels.

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