



LOYALIST

LOYALIST COLLEGE

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loyalistcollege.com



RDAD

**RESIDENTIAL DRAFTING
AND DESIGN**



RESIDENTIAL DRAFTING AND DESIGN

Contact: arch@loyalistc.on.ca

PROGRAM LENGTH

One-Year Ontario College Certificate

HIGHLIGHTS

- Be employment-ready in just eight months
- Bring your design ideas to life in our state-of-the-art Building Sciences Lab
- Get an edge using the latest software used across the industry
- Keep your options open. You can apply your credits toward the first year of a diploma in Architectural Technician/Technology

CAREER OPPORTUNITIES

- Skilled workers in residential drafting and design are employed by architects, designers, consultants, developers and builders
- You may find opportunities as a house designer, drafts person, assistant project manager, renderer/concept artist, CAD operator, building product representative, or estimator
- With further study in the Architectural Technician/Technology program, graduates can broaden their opportunities to work on larger commercial or public projects

PROGRAM DESCRIPTION

- Hands-on learning combines classroom instruction, lab work in our leading-edge Building Sciences Laboratory, and a major design project in a fully equipped studio setting
- Each student designs a kindergarten classroom, considering the structure's physical needs, and designing solutions that creatively address the use of space, costs, code requirements and the environment
- Students exercise creativity and analytical skills to create a design, then bring their concepts to life with a 3D scaled model
- In eight months, students develop marketable skills and knowledge in blueprint reading and drafting; residential building codes; computer-assisted drafting (AutoCAD); construction methods for wood-frame housing; estimating materials and costs; environmentally friendly construction and design; and presenting designs, including drawings to market their ideas
- This program was designed in consultation with regional employers to produce graduates with the skills that are in demand right now

APPROXIMATE COSTS (2013-2014)

Domestic Tuition/Ancillary Fees: \$3,659 (two semesters)

Consumables Fee: \$230

Books and Supplies: \$1,750

ADMISSION REQUIREMENTS

Required Academic Preparation

- OSSD/OSSGD or equivalent with courses at the general, advanced, (C), (U) or (M) level, and
- Grade 12 English (C) level or equivalent
- OR
- Mature applicant (see loyalistcollege.com)

