



Program Length

Advanced Diploma:

- 60 credits (880 hours)
- 44 weeks

Advanced Diploma with Co-Op:

- 108 credits (1760 hours)
- 88 weeks

Career Outcomes

Industrial Design

- Inventors
- Product Designers
- Packaging Designers

Graphic Design

- Layout Designer
- Web Designer
- User Experience Designer

Interactive Design & Creative Technologies

- Mobile App Developer
- Software Designer
- Creative Director

DIPLOMA IN CREATIVE TECHNOLOGIES (ADVANCED)

Program Information

This program provides students with relevant skills required to pursue careers in the computer aided design and interactive media industries. The program has three unique learning paths including: Industrial Design, Graphic Design, and Interactive Design and Technology. While students are engaged in individual projects, team-based courses require students also collaborate on group projects which span two or more terms. As students progress through the program they will choose a specialization from the three learning paths and develop a professional portfolio to demonstrate their abilities to potential employers.

Projects within the program encourage critical thinking, problem solving, social awareness and ecological impact. Students will be tasked to create original solutions from client briefs, and engage in non-profit community projects.

The Advanced Diploma in Creative Technologies with Co-op also includes a paid 44 week work experience, upon successful completion of all in class courses/credits. During this time, students will have the opportunity to apply skills gained in a work place setting.

Elective Study Options

Students may customize their learning experience by electing courses from any area within the School of Creative Technologies. Areas of elective study include but are not limited to:

- Augmented and Virtual Reality
- Motion Design
- Visual Effects
- Game Design & Development
- Manufacturing
- Graphic Design
- 3D Animation and Modeling
- Product Design
- App Development & Design

Admission Requirements

Entry into the Advanced Diploma in Creative Technologies requires students to have successfully completed the Diploma in Creative Technologies (Foundation) program or equivalent from another institution, or submit a professional portfolio for review and approval by the Head of Creative Technology. An interview with the Head of Creative Technology may also be required for applicants submitting a portfolio.



Courses

Term 1 - Specialization Skill Development & Portfolio Preparation					
Industrial Design	Introduction to 3D Arts		Drawing for Design II	Product Design I	Computer Aided Design
Graphic Design	Web Design & Development III	Typography I	Drawing for Design II	App Design & Development I	Brand Identity Design
Interactive Design & Creative Technologies	Web Design & Development III	Typography I	Drawing for Design II	App Design & Development I	Augmented & Virtual Reality
Term 2 - Group Project Planning					
Industrial Design	Group Intermedia Project	User Experience Design	3D Lighting & Rendering I	Prototyping	Product Design II
Graphic Design	Group Intermedia Project	User Experience Design	Visual Communications	Typography II	Print & Packaging
Interactive Design & Creative Technologies	Group Intermedia Project	User Experience Design	Visual Communications	App Design & Development II	Java Programming I
Term 3 - Group Project Development					
Industrial Design	Group Project Studio		Portfolio Mentorship	Manufacturing I	Elective
Graphic Design	Group Project Studio		Portfolio Mentorship	Layout Design II	Elective
Interactive Design & Creative Technologies	Group Project Studio		Portfolio Mentorship	App Design & Development III	Elective
Term 4 - Portfolio Completion					
Industrial Design	Portfolio Studio		Professional Practices	Manufacturing II	Elective
Graphic Design	Portfolio Studio		Professional Practices	Web Marketing and Data Analytics	Elective
Interactive Design & Creative Technologies	Portfolio Studio		Professional Practices	Web Marketing and Data Analytics	Elective
Term 5 - Co-op Work Experience Placement (optional)					
Industrial Design	<p>Students will complete one of the following:</p> <p>Co-op work experience placement:</p>				
Graphic Design	<p>As part of the program Sterling College will arrange industry-based learning experiences which enable students to be assessed in the workplace and provide practical experience. Students are required to work in an industry role for 1 year following the successful completion of all prior courses.</p>				
Interactive Design & Creative Technologies	<p>Students will be assessed on a monthly basis by employers and faculty; every quarter students will receive a grade based upon these assessments and receive the corresponding academic credits.</p>				