

INTERIOR DESIGN

Program Outline

Major:	INTR
Length:	3 Years
Delivery:	6 Semesters
Credential:	Ontario College Advanced Diploma
Effective:	2012-2013
Location:	Barrie
Start:	Fall (Barrie)

Description

The Interior Design Program at Georgian College is dedicated to providing our students with a broad-based proficiency in interior space design and physical space management that will enable graduates to proceed to productive and rewarding professional careers in interior design. The program of study begins with the development of fundamental creative and technical design skills. These skills are directed towards assessment of clients' needs and goals and the analysis and synthesis of theoretical, technical, building code and practical knowledge in the creation of interior environments that enhance the quality of life and protect the health, safety and well being of the people who utilize the spaces.

Career Opportunities

Graduates of the 3-Year Program will qualify for employment as entry-level interior designers in interior design firms, architectural firms, government agencies and institutional and corporate facilities departments. Practice opportunities exist in contract, residential, retail, entertainment, hospitality, healthcare, exhibit, historic preservation and specialty design. Interior design practice opportunities in the hospitality sector include restaurant and lounge design, gourmet food shops, private clubs and all areas of hotel design.

Program Learning Outcomes

The graduate has reliably demonstrated the ability to:

- apply design methodology in defining, analyzing and solving problems of creating interior environments;
- integrate the historical and contemporary design influences contributing to current interior design philosophies;
- implement design solutions from the concept stage to design development and the production of manually and electronically drafted interior construction drawings;
- apply the principles of space planning and three-dimensional resolution to the design of interior spaces based on human needs, building construction and support systems, Ontario Building Code and industry requirements;
- apply functional, aesthetic and accessible design principles to the creation of environments for human shelter;
- demonstrate principles of color theory, lighting design, materials performance and design and application to the design of physical spaces that creatively facilitate human activity;
- produce three-dimensional perspectives, axonometric drawings, CADD 3D perspectives and solid models as part of three-dimensional visualization to be incorporated as project presentation requirements;
- communicate the full scope of design contract documentation in written, graphic and verbal formats;
- comprehend ethics and business practices of the interior design profession.

The Program Progression:

Fall Intake - Barrie

Sem 1	Sem 2	Sem 3	Sem 4	Sem 5	Sem 6
Fall 2012	Winter 2013	Fall 2013	Winter 2014	Fall 2014	Winter 2015

Articulation:

A number of articulation agreements have been negotiated with universities and other institutions across Canada, North America and internationally. These agreements are assessed, revised and updated on a regular basis. Please contact the program co-ordinator for specific details if you are interested in pursuing such an option. Additional information can be found on our website at <http://www.georgianc.on.ca/academics/articulations/>

Admission Requirements:

Applicants must meet ONE of the following requirements to be eligible for admission to this program:

- OSS Curriculum: OSSD or equivalent with Grade 12 English (C) or (U) (ENG4C, ENG4U)
- Academic and Career Entrance Certificate (ACE) program with: Communications
- Ontario High School Equivalency Certificate (GED)
- Mature applicant with standing in the required courses and/or mature student testing that meets the minimum standards for admission

Applicants who are 19 years of age or over by the first day of classes, and who lack the academic entrance qualifications, may be considered for entrance to an appropriate post-secondary diploma or certificate program as mature applicants. Each applicant will be considered on an individual basis and acceptance will be determined by counselling, Communication Placement Assessment (CPA), previous post-secondary education and evaluation of experience. Some programs also have specific prerequisite requirements that must be met prior to admission. Mature applicants must meet all program specific prerequisites. Those applying as mature students and having no documentation of Grade 12 education must supply, if required, proof of age, such as a copy of an official birth certificate or driver's licence. Refer to Section 2.5 and 2.6 of the Academic Calendar for further details.

Graduation Requirements:

- 34 Mandatory Courses
- 2 Communications Courses
- 1 Optional Course
- 5 General Education Courses

Graduation Eligibility:

To graduate from this program, the passing weighted average for promotion through each semester, from year to year and to graduate is 60%. Additionally, a student must attain a minimum of 50% or a letter grade of P (Pass) or S (Satisfactory) in each course in each semester.

Mandatory Courses

- APDE1004 Applied Colour Theory
- BUSI3003 Professional Practice
- COMP1015 CADD 1
- COMP1016 CADD 2
- COMP2030 CADD 3
- COMP2031 CADD 4

COMP3007 CADD 3D
COMP3008 CADD 3D Advanced
COMP3012 CADD 5 - Thesis
DRFT1001 Design Technology 1
DRFT1002 Design Technology 2
DRFT2000 Design Technology 3
DRFT2001 Design Technology 4
DRWG1009 Freehand Drawing
HSTY2002 Early Design History
INTD1000 3D Design
INTD1004 Media Presentation Techniques 1
INTD1006 Interior Design Studio 1
INTD1007 Interior Design Studio 2
INTD2000 Construction Systems 1
INTD2005 Media Presentation Techniques 2
INTD2008 Interior Design Studio 3
INTD2009 Lighting Systems and Design
INTD2010 Interior Finishes and Textiles
INTD2011 Interior Design Studio 4
INTD2012 Building Codes and Life Safety
INTD3000 Design Programming
INTD3002 Construction Systems 2
INTD3005 Digital Presentation Techniques
INTD3007 Interior Design Studio 5
INTD3008 History of Furniture
INTD3009 Interior Design Studio 6 - Thesis
INTD3010 Contract Documentation
INTD3011 Interior Detailing

Communications Courses

To be selected at time of registration from the College list, as determined by testing.

Optional Course

INTD2013 Interior Design Field Study
INTD2014 Sustainable Design and Global Issues

General Education Courses

To be selected from College list

Course Descriptions:

APDE1004 Applied Colour Theory 28.0 Hours

This course introduces the student to colour principles, theories and systems related to the design of interior environments. Light and colour interrelationships and their effects on human social and psychological behaviour are explored. The physics and language of colour are studied as applied to interior design.

BUSI3003 Professional Practice 42.0 Hours

This course will assist students to understand the business and professional practice of interior design. Students will understand the close relationship between the creative process of design and the responsibility to both the client and the general public in terms of safety and financial accountability. Students will study the role that a portfolio plays in the design industry. Methods of portfolio presentation will be investigated and applied to the development of student portfolios.

COMP1015 CADD 1 42.0 Hours

This course introduces students to CADD (Computer-Aided Design and Drafting). They will acquire basic operating skills using CADD software.

COMP1016 CADD 2 42.0 Hours

This course builds on the skills developed in CADD 1 focusing on the electronic production of two-and three dimensional interior design construction drawings. Industry standard software will be utilized to prepare drawings that comply with technical and professional level standards.

(P- COMP1015 CADD 1 or P- CSC3213 C A D D 1) and C- INTD1007 Interior Design Studio 2

COMP2030 CADD 3 42.0 Hours

In this course, students will apply advanced features of CADD software to more in-depth development of interior design contract documents.

(P- COMP1016 CADD 2 or P- CSC3214 C A D D 2) and C- INTD2008 Interior Design Studio 3

COMP2031 CADD 4 42.0 Hours

This course allows students to apply advanced features of CADD (Computer-Aided Drafting and Design) in the creation of interior design construction drawings for medium-scale projects. Advanced two-dimensional application of CADD is explored.

P- COMP2030 CADD 3 and C- INTD2011 Interior Design Studio 4

COMP3007 CADD 3D 42.0 Hours

This course is an introduction to three-dimensional concepts using CADD software. Students will develop skills which allow them to incorporate CADD technology into interior design studio procedures. Three-dimensional models and simple computer generated images will be produced.

(P- COMP2031 CADD 4 or P- CSC3219 C A D D 4) and C- INTD3007 Interior Design Studio 5

COMP3008 CADD 3D Advanced 42.0 Hours

This course builds on three-dimensional features of CADD introduced in CADD 3D, utilizing advanced software. Students will continue to develop skills which allow them to develop three-dimensional interior design drawings. Advanced CADD commands will be applied towards the production of an integrated set of contract documents.

P- COMP3007 CADD 3D or P- CSC3220 C A D D 3 D

COMP3012 CADD 5 - Thesis 42.0 Hours

This course offers advanced study and practice of two- and three- dimensional CADD techniques regarding the development of contract documents to support the Thesis project. Industry standards and architectural convention are explored in the production of a complex set of construction drawings and three-dimensional CADD renderings.

P- COMP3007 CADD 3D and C- INTD3009 Interior Design Studio 6 - Thesis

DRFT1001 Design Technology 1 42.0 Hours

This course will introduce students to basic architectural drafting techniques and conventions in small-scale projects. Architectural lettering, and orthographic projection techniques to produce plans, sections and elevations as well as three- dimensional drawings (parallel) will be emphasized through the practice of exercises in design and working drawings. Principles of interior construction will be introduced.

C- INTD1006 Interior Design Studio 1

DRFT1002 Design Technology 2 42.0 Hours

This course builds on the skills introduced in Design Technology 1. The theory of building methods and assemblies and interior construction requirements in compliance with the Ontario Building Code will be examined. The use of interior design construction drawing convention to communicate design ideation will be explored. Principles of interior design hand drafting practice will be examined in exercises directed towards small scale projects.

(P- DRFT1001 Design Technology 1 or P- DRT3103 Design Technology 1) and C- INTD1007 Interior Design Studio 2

DRFT2000 Design Technology 3 42.0 Hours

This course advances students' understanding of the applied principles of planning and generating construction drawings and details as applied to residential construction. Principles, regulations, systems, materials and interior details of standard wood frame construction to comply with Section 9 of the Ontario Building Code are studied. Drafting and freehand drawing skills are emphasized and utilized in the development of contract documents. Interior detailing includes but is not limited to, interior partitions, stairs, fireplaces, doors, windows, residential millwork and decks.

(P- DRFT1002 Design Technology 2 or P- DRT3104 Design Technology 2) and C- INTD2000 Construction Systems 1 and C- INTD2008 Interior Design Studio 3

DRFT2001 Design Technology 4 42.0 Hours

In this course students will continue to develop the skills utilized in Design Technology 3. The principles of interior design drafting are expanded and new material is introduced. Larger scale drawings and the use of sustainable building construction technology further students' skills in preparing interior construction drawings to visually communicate concepts.

(P- DRFT2000 Design Technology 3 or P- DRT3207 Design Technology 3) and C- INTD2011 Interior Design Studio 4 and C- COMP2031 CADD 4

DRWG1009 Freehand Drawing 28.0 Hours

In this course, students develop effective drawing techniques as a specialized form of visual communication. Quality and expressiveness of line are developed. Life drawing, still life drawing and sketching techniques are utilized, to assist students in creating images of their ideas about two-dimensional shapes and three-dimensional forms and spaces. Human figure sketches will be incorporated in perspective drawings of architectural environments.

HSTY2002 Early Design History 42.0 Hours

This course introduces students to the foundations of the period styles of architecture and interiors used in North America from the beginnings of European settlement to the beginning of the 19th century. The influences of earlier styles - from pre- historic through the Graeco-Roman period to the French Empire Period - are explored and brought into context with the later periods of architectural history. Social and political relevancies will be established to help explain the development of the environmental design arts. Students will keep a notebook with information and pictures of the various styles studied. This will become a valuable resource for future reference.

INTD1000 3D Design 42.0 Hours

This course will introduce students to the use of two-dimensional and three-dimensional design theories to the application of the solution of practical problems. Freehand drawings from concept sketches to final drawings through to the execution of three- dimensional models will be explored. Two-dimensional and three- dimensional studies will integrate scale, rhythm, form, light, shade and shadow. Theories and methods of three-dimensional design will be studied and applied through design and construction of scale and/or life-scale projects.

INTD1004 Media Presentation Techniques 1 42.0 Hours

This course will emphasize developing the students' ability to translate drafting and thumbnail sketches into expressive three- dimensional renderings, using various wet and dry media. Freehand drawing and perspective techniques, in relation to the human figure, will be utilized to express interior design concepts.

INTD1006 Interior Design Studio 1 56.0 Hours

This course introduces students to function-based decision making and the interior design process in the context of small-scale man-made environments. The principles of visual organization that govern the creative process will be applied to project execution. The elements and principles of design are studied and are applied to solving two-dimensional and three-dimensional design problems. Students will apply fundamental methods of design theory, research, anthropometrics, design process, programming and space planning to solve problems to fulfill human needs.

C- DRFT1001 Design Technology 1 or C- DRT3103 Design Technology 1

INTD1007 Interior Design Studio 2 56.0 Hours

Students will learn to develop the ability to generate creative solutions for small-scale spaces and to synthesize skills accumulated during the first semester of study. The studio projects introduce research techniques, space planning, programming, human ecology conceptualization, design development and working drawings.

(P- INTD1006 Interior Design Studio 1 or P- IDE3111 Interior Design Studio 1) and (C- COMP1016 CADD 2 or P- CSC3214 C A D D 2) and (C- DRFT1002 Design Technology 2 or P- DRT3104 Design Technology 2)

INTD2000 Construction Systems 1 42.0 Hours

This course will introduce students to the use of two-dimensional and three-dimensional design theories to the application of the solution of practical residential design problems. Regulatory codes will be applied to the production of contract documents. Freehand drawings from concept sketches to final drawings through to the execution of three-dimensional models will be explored. Two-dimensional and three-dimensional studies will integrate scale, rhythm, form, light, shade and shadow. Theories and methods of three-dimensional design will be studied and applied through design and construction of scale and/or life-scale projects.

P- DRFT1002 Design Technology 2 and C- DRFT2000 Design Technology 3 and C- INTD2008 Interior Design Studio 3

INTD2005 Media Presentation Techniques 2 42.0 Hours

Advanced freehand drawing and rendering skills will be developed to represent the built environment, landscape, and the human form. Students will be expected to demonstrate an understanding of theory of perspective drawing and the use of a variety of media in the production of interior design drawings and renderings.

(P- INTD1004 Media Presentation Techniques 1 or P- GAT3117 Int Design Comm 1) and C- INTD2011 Interior Design Studio 4

INTD2008 Interior Design Studio 3 56.0 Hours

In this course students will learn systematic research, organizational, programming and conceptual skills to design a freestanding residence. Client requirements, human factors and space planning tools will be studied in the process of creating a design solution.

Freehand and manual drafting techniques are utilized in the production of concept and construction drawings. Emphasis is placed on the use of space planning principles, residential lighting design and the production of interior construction documents. (P- INTD1007 Interior Design Studio 2 or P- INTD1003 Interior Design Studio 2 or P- IDE3112 Interior Design Studio 2) and (C- DRFT2000 Design Technology 3 or P- DRT3207 Design Technology 3) and (C- INTD2000 Construction Systems 1 or P- IDE3223 Construction Methods/Materials) and (C- COMP2030 CADD 3 or P- CSC3218 C A D D 3)

INTD2009 Lighting Systems and Design 28.0 Hours

In this course, students study the principles of lighting design. Concepts, nomenclature and equipment are defined. Lighting theory and principles are applied to various interior environments.

INTD2010 Interior Finishes and Textiles 42.0 Hours

Students develop skills in the selection, use and application of textiles and finishes specified in interior design. Specifications criteria on these textiles and finishes are analyzed according to building codes, performance testing, industry and manufactures' standards. Through student research and industry input, students study physical properties, performance criteria, practical applications, ecological issues, costing and aesthetics as factors in the decision-making process regarding specification of finishes and textiles, in the interior design profession.

INTD2011 Interior Design Studio 4 56.0 Hours

In this course, students will continue to use research, problem identifying analysis and synthesis skills in solving medium scale interior design problems. Theories of advanced space planning and the sensory environment will be addressed. The studio assignments will incorporate programming, conceptualization, sustainable design practice and contract documentation. Interior landscape architecture is introduced.

(P- INTD2008 Interior Design Studio 3 or P- IDE3218 Interior Design Studio 3) and C- COMP2031 CADD 4 and C- DRFT2001 Design Technology 4 and C- INTD2005 Media Presentation Techniques 2

INTD2012 Building Codes and Life Safety 42.0 Hours

Knowledge of building codes, legal regulations and professional liability issues govern many aspects of the interior design profession. This course focuses on the Ontario Building Code with reference to other relevant regulatory codes. Fire codes are explored, concerning fire detection and suppression. Safety standards, sustainable design, and universal design are examined. Code issues are examined relating to structural, electrical, mechanical communications, circulation, and security systems impacting the design of interior environments.

INTD2013 Interior Design Field Study 28.0 Hours

In this course, students gain experience in working in a professional interior design setting. The students participate at an entry-level of responsibility. Parameters as to type and scope of interior design activities are determined on an individual basis.

INTD2014 Sustainable Design and Global Issues 28.0 Hours

In this course, students develop an awareness of the ethical responsibilities of interior designers in creating human environments. Theories of effective management of resources and the specification of sustainable and renewable products are explored with the goal of facilitating the health, safety and wellness of humans occupying man-made environments. Students demonstrate competency in research and documentation of data pertinent to sustainable design.

INTD3000 Design Programming 42.0 Hours

This course studies the analysis and programming of architectural interiors. The purpose is to explore systematic methods which assist in the collection, analysis, organization, communication and evaluation of design information. Problem definition and development of design parameters form part of project assignments. The focus will be on "problem seeking" not "problem solving", with emphasis on operational and spatial relationships. This course defines occupancies, site and building selection and project definition for the thesis project.

P- INTD2011 Interior Design Studio 4 or P- INTD2004 Interior Design Studio 4 or P- IDE3222 Interior Design Studio 4

INTD3002 Construction Systems 2 42.0 Hours

In this course, students will acquire a basic understanding of current building codes and industry practice as they relate to the practice of interior design. Principles of HVAC (heating, ventilating and air conditioning), lighting, electrical, communications, plumbing, conveying, audio-visual, acoustic, security and other environmental systems will be studied. Performance criteria for environmentally sustainable design will be addressed. Contract documentation for assigned systems will be prepared.

P- INTD2000 Construction Systems 1 and C- COMP3007 CADD 3D and C- INTD3007 Interior Design Studio 5

INTD3005 Digital Presentation Techniques 42.0 Hours

This course introduces students to digital illustration and photo-manipulation software. State-of-the-art programs are used to develop presentation techniques. Students learn aspects of image editing and digital drawing as they pertain to the application of colour, text scanning, shape and placement, layering, close cutting, pasting, editing and the application of filters. The creation of interior space editing is also studied.

C- INTD3009 Interior Design Studio 6 - Thesis

INTD3007 Interior Design Studio 5 56.0 Hours

In this course, students will develop the ability to generate creative solutions for a large scale corporate design problem and to synthesize capabilities accumulated in the first

and second years of the program. The studio projects incorporate research, design programming, conceptualization, and design development, contract documentation, detailing and cost analysis for large-scale multi-functional spaces. Sustainable design and universal design theory comprise components of the interior design solution. (P- INTD2011 Interior Design Studio 4 or P- INTD2004 Interior Design Studio 4 or P- IDE3222 Interior Design Studio 4) and C- COMP3007 CADD 3D and C- INTD3002 Construction Systems 2

INTD3008 History of Furniture 28.0 Hours

Students study the evolution of the design of interior furnishings as an integral part of their unique cultural environment, from ancient Egypt to the present. Historical information is presented with emphasis placed on the geographical, social, economic, political and technical influences that shaped change. The focus of this course is on the fundamental integration of furnishings into the built environment, including the architectural setting, characteristic design motifs and decorative accessories.

INTD3009 Interior Design Studio 6 - Thesis 56.0 Hours

This course provides focus on the thesis project in which students apply their accumulated knowledge and skills from previous semesters. Students will be required to demonstrate advanced competency in freehand drawing from concept sketches to final drawings. The design process will be utilized including research methods, conceptualization, design development and contract documentation. The thesis topic will be selected by each individual and will be chosen according to assigned parameters. Principles of human ecology will be studied and applied to the formulation of an interior built environment.

(P- INTD3007 Interior Design Studio 5 or P- INTD3001 Interior Design Studio 5 or P- IDE3314 Interior Design Studio 5) and (P- INTD3000 Design Programming or P- IDE3315 Design Programming) and C- COMP3012 CADD 5 - Thesis and C- INTD3010 Contract Documentation and C- INTD3011 Interior Detailing

INTD3010 Contract Documentation 28.0 Hours

This course offers study of principles and methods of preparing construction documents according to industry standards. Topics will include, but not be limited to: client agreements, specification writing, tendering and bidding, instructions to the contract and contract administration. Incorporation of human ecological principles into the contract documentation process will be studied.

(P- BUSI3003 Professional Practice or P- BUS3206 Professional Practice) and C- INTD3009 Interior Design Studio 6 - Thesis

INTD3011 Interior Detailing 42.0 Hours

In this course, students will develop advanced interior detailing skills as applied to complex interior millwork, custom cabinetry, interior architectural elements and/or custom furniture designs to support their thesis project. Appropriate material joinery methods for selected conditions and a diversity of joining options will be explored. The

coursework will cover such topics as specialty hardware, fastening systems, lighting integration, and material combinations.

P- DRFT2001 Design Technology 4 and C- INTD3009 Interior Design Studio 6 - Thesis

Course Description Legend

P = Prerequisite; C = Concurrent prerequisite; CO= Corequisite

Information contained in College documents respecting programs is correct at the time of publication. Academic content of programs and courses is revised on an ongoing basis to ensure relevance to changing educational objectives and employment market needs. The college reserves the right to add or delete programs, options, courses, timetables or campus locations subject to sufficient enrolment, and the availability of courses.