Interior Design – NTA.1K

Theory: 465 hours
Practice: 705 hours
Stage: 255 hours
Total: 1500 hours
Total units: 44.94 units

Interior designers conceptualize and produce aesthetic, functional and safe designs for interior spaces in residential, commercial, cultural, institutional and industrial buildings. They are employed by architectural firms, interior design firms, retail establishments, construction companies, hospitals, airlines, hotel and restaurant chains, and other establishments or they may be self-employed.

Computers are used to aid in drafting, and final product visualization. Interior designers now need to have knowledge of these specialized computer packages.

The student will receive an Attestation d'Études Collégiales (A.E.C) upon the successful completion of the program and begin a career in a field where the competencies acquired at Herzing College are in demand.

What career path will Herzing College prepare me for?

Interior designers perform some or all of the following duties:

- Consult with clients to determine needs, preferences, safety requirements and purpose of space
- Develop detailed plans and 3-D models showing arrangement of walls, dividers, displays, lighting and other fixtures using computer-assisted design (CAD) software and graphics software
- Develop plans, elevations, cross sections and detail drawings, and advise on selection of colors, finishes and materials, floor and wall coverings, interior and exterior lighting, furniture and other items, taking into account ergonomic and occupational health standards
- Estimate costs and materials required and may advise on leasing, real estate and marketing
- Prepare plans and specifications for the final interior designs in accordance with current practices and codes
- Work in a multidisciplinary environment

Sample titles include interior designer, interior design technician, kitchen designer, office space planner, project manager, interior design, aircraft interior designer, retail space planner

Employment situation

New graduates will most likely find employment in the retail and home decorating and renovations industries. You may work for such places as Ikea, Rona, and Home Dept etc. As an Interior designer technician, you may be involved in space planning and kitchen or bathroom design. As your career progresses you may work in an office setting. Hours can be irregular and long especially when working to meet a deadline. The work and the rates of pay depend on the level of experience and the area of specialty. Commissions are sometimes a means of payment for designers associated with retail establishments. Interior designers may also be self-employed.

Qualities required

- Drawing or sketching aptitude
- Good color and depth perception
- Creativity and imagination
- Sense of observation and aesthetics
- Analytical
- Sense of initiative and risk
- Attention to detail and precision
- Enjoy working with the public
- Organized with a good work ethic
- Both autonomous and team oriented
- Good communicator
- Aptitude for sales

Software Products Used

- AutoDesk AutoCAD
- Adobe Photoshop
- Trimble SketchUp
- SU Podium

What competencies will have been acquired at the end of the training?

00PG	To process digital images
029A	To analyze the job function.
029C	To develop ideas.
029D	To produce sketches.
029E	To draw objects and spaces to scale.
029F	To produce drawings using a computer-assisted drafting system.
029G	To interact with clients, resource representatives and colleagues.
029H	To create a mood, using colour.
029J	To suggest finishes and materials for a project.
029K	To specify the furniture, accessories and equipment for a project.
029L	To use interior architectural and construction elements.
029M	To design custom elements.
029N	To create an interior design concept for a residence.
029P	To present a design project
029Q	To create lighting concepts.
029T	To plan a layout for a commercial, industrial or public building.
029U	To create an interior design concept for a commercial, industrial or public building.

Admissions Criteria

A person who has obtained a D.E.S or D.E.P or has relevant work experience or has received instruction deemed acceptable by the college and who meets one of the following requirements may be admitted to a program leading to an AEC:

1. the person's studies have been interrupted for at least two consecutive terms or one school year;
2. the person is covered by an agreement entered into by the college and an employer or by a government program;
3. the person has completed at least one year of post-secondary studies spread over a period of one year or more.

In addition the student must pass an admissions test or a problem-solving course

Course Schedule

Upon entry into the job market, you will find yourself surrounded by colleagues that have more experience than you and who will be your mentor. In the same fashion, as you gain experience you will probably become a mentor for novices coming in for their first job.

Herzing College has developed a teaching method and course schedule that allows you to experience the "real world". This could mean that at one point in the program you will be a junior, surrounded by more advanced students that will serve as mentors, and later on in the program, you will become a mentor helping out new students coming in to your class. Your program can follow one of three semester schemes: ABCDE or BCDAE or CDABE. Every session is self-contained.

COURSE DESCRIPTIONS
The College reserves the right to modify course content, software, course order, and tools during the course of the program.

Session A   - Digital Imaging, Drawing, Colors, Space Planning

570-PRP-HE   Interior Design & Decoration   45 hours , 1,33 units
029A   To analyze the job function

Before joining session A, the students will take this introductory course. Students will be subject to create reports & presentations using MS Office products such as Word & PowerPoint. They will be introduced to certain career paths, social and historical influence, professional tasks and responsibilities in a safe environment. They will research and examine the field of interior design & decoration. Students will be provided with product catalogs in both hardcopy & electronically. Fields trips may be arranged for visits to manufactures/suppliers, exhibitions & retail stores.

570-A01-HE   Interior Design Sketch Techniques and observational drawing   75 hours 2.33 units
029D To produce sketches.

This course teaches students how to communicate design ideas through visual media. It will include drawing media, freehand sketching, interior perspective, shade and shadow, color, design graphics, rendering, presentation formats, and exposure to digital imaging. Freehand sketches will then be scanned and imported into Photoshop for editing.

570-A02-HE   Digital Imaging for Interior Design & Decorating 75 hours, 2.33 units
00PG To process digital images

Adobe PhotoShop is an industry-standard tool in graphics, animation, video, and new media production. Students learn how the program relates to the production of today's interior design applications. Students develop basic image manipulation skills using Photoshop. Topics include the fundamentals of color management, scanning, photo retouching, imaging, special effects, and filters and masks. Skills acquires in Photoshop will be used to create presentation materials in the following courses.

570-A03-HE   Color   75 hours, 2.33 units
029H To create a mood, using color

This course will develop in the student a sense of the theories of color: its properties, psychology, and impact within a designed interior. The elements of light, space, harmony, and assimilation as they pertain to the use of color in design will be covered though lectures, in-class demonstrations and exercises. An understanding of the use of color in interior spaces will translate to the students' own color application projects.

570-B03-HE   Space Planning   75 hours, 2.33 units
029C To develop ideas.
029D To produce sketches.

This course introduces fundamental concepts and methods for planning, organizing, and arranging spaces in the interior environment. Students examine space in terms of human needs, activities, and priorities and apply design processes to making the best functional and aesthetic use of space.

The course reinforces methods of graphic communication; to solve design problems through conceptualization, three-dimensional thinking and planning; and to teach the design elements and the functional requirements of various single-room spaces and axonometric drawing as a presentation technique. Topics include ergonomics, circulation, and dividing areas into functional zones when planning spaces.

SESSION B – CAD, Materials, Furnitures, Architecture

570-PRP-HE   Interior Design & Decoration   45 hours , 1,33 units
029A   To analyze the job function

Before joining session B, the students will take this preparation course. This course will on the software Adobe Photoshop. In this course, the students will learn how to use Adobe Photoshop for manipulating different digital images of furniture, lamps, art pieces etc, which will allow you to further decorate your digital rooms/empty spaces.

570-B01-HE   CAD for Interior Designers & Decorators   75 hours, 2.33 units
029F To produce drawings using a computer-assisted drafting system.

This course introduces basic computer-aided design and drafting skills and techniques within interior design applications. Emphasis is placed on the most common computer commands used in architectural drafting and design to draw, edit, manipulate layers, and create reusable drawings. Upon completion, students should be able to use specific computer applications to complete drawings and plot/print.

570-A04-HE   Textiles and Interior Materials   75 hours, 2.33 units
029J To suggest finishes and materials for a project

Textiles are probably the most utilized elements in interior design installations because of their variety of applications. Students will examine the technical and visual qualities of fabric: its manufacture, weave, texture, color, and versatility, and will learn how textiles are used as wall coverings, window treatments, upholstery, and accessories.

This course also covers soft and hard materials for flooring, walls, ceilings, and furnishings, as well as equipment, millwork, and cabinetry. Photoshop will be used throughout this course.

570-A05-HE   Furniture and Accessories   75 hours, 2.33 units
029K To specify the furniture, accessories and equipment for a project

This course introduces students to the design process as it applies to furniture, addressing furniture ergonomics, materials, construction techniques, manufacturing, and design. Students will research selected topics, and design seating, work/service pieces, and cabinetry. Emphasis will be placed on furniture precedents, research, design process, human factors, accessibility, detailing, documentation, and presentation techniques.

570-B02-HE   Architectural Drawing   75 hours, 2.33 units
029E To draw objects and spaces to scale
029F To produce drawings using a computer-assisted drafting system.
029L To use interior architectural and construction elements

The Architectural Drawing course will provide students with a broad knowledge about construction Building Codes of Quebec and Canada. The aim of this course is to familiarize the student with typical interior detailing for construction. The content will cover: detailing and standards of doors and windows, construction methods of straight and spiral stairs, custom cabinetry in kitchens or bathrooms, lighting plans, electrical legends, fixtures, specification of finishes and equipment. In addition, this course will familiarize students with fundamental theories of environmental systems and how they affect the interior design of residential and commercial spaces.

SESSION C – 3D Software, Lighting, Kitchens & Bathrooms

570-PRP-HE   **Interior Design & Decoration**   **45 hours , 1,33 units**

029A   To analyze the job function

Before joining session C, the students will take this preparation course. This course will on the software Autocad 2D. The first step in CAD training requires a thorough knowledge of commands and features of the CAD software. This intensive, hands-on course prepares the student with the knowledge and skills necessary for creating a basic 2D drawing in Architectural Drawing and Interior Design, examples include basic floor plans and interior elevations.

570-C01-HE   **3D Application Software for Interior Designers**   **75 hours, 2.33 units**

029F   To produce drawings using a computer-assisted drafting system

This is an introductory course of Trimble's 3D software SketchUp. In this course, students will learn to use the software to create 3D models. These tools will then be used in the rest of the semester allowing students to create computer renderings and walkthroughs of rooms in residential or non-residential projects.

570-C02-HE   **Kitchens and Bathrooms**   **75 hours, 2.33 units**

029M To design custom elements

This course focuses on the fundamental concepts of residential kitchens and bath designs. Issues such as space planning, ergonomics, plumbing basics and storage solutions will be addressed. Students will become familiar with plumbing fixtures, appliances, cabinet options, and applications of materials and finishes. Professional practices such as specifications and documentation will be reviewed. Through projects and critiques of layouts, students learn to optimize kitchen and bathroom components and arrangements. 2D drafting and colour presentation techniques will be developed.

570-C03-HE   **Lighting**   **75 hours, 2.33 units**

029Q   To create lighting concepts

This course introduces lighting design for interior environments. Students explore human visual perception, properties of natural and artificial light, lighting devices and controls, energy issues, and visual communication of lighting designs.

Students will learn to analyze interior lighting installations, calculate lighting levels for interiors, select appropriate light fixtures, and prepare a lighting plan based on one of their studio projects.

570-C04-HE   **Rendered Perspectives**   **75 hours, 2.33 units**

029F   To produce drawings using a computer-assisted drafting system

The Perspective & Rendering course is to instruct the student in methods of graphic black and white and color presentation, including perspective drawings and renderings as a means of visual communication. This course builds on the 3D Application softtware for Interior Designers course and emphasizes more advanced illustration techniques. Students will prepare detailed perspective renderings to help sell their design proposals. Material renditions and shade and shadow techniques will also be acquired. Students will also add overall project layout and presentation techniques using the Trimble software LayOut.

SESSION D – Residential and Commercial Interiors
(NO MERGE)

570-B04-HE   Interior Design I   75 hours, 2.33 units
029L To use interior architectural and construction elements

This course includes principles of interior design for various residential design solutions. Emphasis is placed on visual presentation and selection of appropriate styles to meet specifications. Upon completion, students should be able to complete scaled floor plans, elevations, specifications, color schemes and fabrics, finishes and furniture selection.

570-B05-HE   Interior Design II   75 hours, 2.33 units
029L To use interior architectural and construction elements
029T To plan a layout for a commercial, industrial or public building.

This course introduces commercial/contract design including retail, office, institutional, restaurant, and hospitality design. Emphasis is placed on ADA requirements, building codes and standards, space planning, and selection of appropriate materials for non-residential interiors. Upon completion, students should be able to analyze and design introductory non-residential projects using graphic presentation concepts.

570-C0A-HE   Project I – Residential interior perspectives and renders   75 hours, 2.33 units
029N To create an interior design concept for a residence.
029P To present a design project

Students will work on a 3D project in residential interior design.   Students will be asked to work with a mandate provided by the instructor. The focus will be on space layouts of a space, furniture arrangements, accessories, materials, lighting, rendered perspectives and walkthroughs.   This project will be part of the student portfolio.

570-C0B-HE   Project II Commercial interior perspectives and renders   75 hours, 2.33 units
029U To create an interior design concept for a commercial, industrial or public building
029P To present a design project

Students will work on a 3D project in Commercial interior design. Students will focus on space layouts of a space, furniture arrangements, accessories, materials, lighting, rendered perspectives and walkthrough for a commercial building. This project will be part of the student portfolio.

SESSION E – INDUSTRY INTERNSHIP

An individual who knows her/his skills and abilities and who develops and nurtures her/his career can generally find a job and knows how to keep a job and receive promotions. Prior to going on an industry internship during the instructor-led portion of the program, students will be given the tools they need for an effective job search. Topics include: writing a C.V. and cover letter, the interview process, role-playing, job search techniques.

Job search period

After the completion of the instructor-led portion of the program, there will be a period for stage interviews. The career services department will be sending out c.v.'s to companies and student will be called on interviews. It is important for all students to take the process seriously and be available with a portfolio ready for interviews on a moment's notice.

570-STA-HE   Internship   255 hours , 6,33 units
029G To interact with clients, resource-persons and colleagues

Afterward, students will apply the knowledge and skills acquired in school during their internship. Internships are 8 weeks in duration and take place within the industry. Students will reinforce design concepts learned in school; learn new technologies, learn time management, build a professional and positive attitude, learn to work independently as well as in a team and build rapport with colleagues and customers. Students will be expected to document their work and submit it for evaluation.