

**ID210**  
**Design II**  
**4 Credits**

Instructor: Rochelle Horne  
Phone: 780 853 8522  
Original Developer: Bob Cholowski  
Current Developer: Rochelle Horne  
Reviewer: Fiona McLeod  
Created: 01/12/1989  
Revised: 29/11/2018  
Approval: 29/11/2018

The Implementation Date for this Outline is 01/09/2016

Copyright©LAKELAND COLLEGE. Email: [admissions@lakelandcollege.ca](mailto:admissions@lakelandcollege.ca)  
2602 - 59 Avenue, Lloydminster, Alberta, Canada T9V 3N7. Ph: 780 871 5700  
5707 College Drive, Vermilion, Alberta, Canada T9X 1K5. Ph: 780 853 8400  
Toll-free in Canada: 1 800 661 6490



## **ID210 Version: 16**



### **Design II**

#### **Calendar Description**

This course builds on ID 110 with the study and application of the basic principles and elements of design as applied to three-dimensional problems. It provides for continued examination of the design process with reference to the human factors in design, space planning, and colour use in residential interiors. Students apply the fundamentals of kitchen and bath planning as outlined by the National Kitchen & Bath Association (NKBA) guidelines.

#### **Rationale**

This is a required course for Interior Design Technology students. Designers are challenged to solve problems creatively to bring about improvements in residential environments. Students must be able to identify the user needs and apply creative planning principles.

#### **Prerequisites**

ID110

#### **Co-Requisites**

ID220 and ID260

#### **Course Learning Outcomes**

Upon successful completion of this course, students will be able to

1. visually communicate design concepts through drawing and sketching.
2. demonstrate knowledge of the design process as it applies to interior design.
3. use space planning principles appropriate to given interior elements and spaces.
4. apply human factor concepts of scale to interior elements and spaces.
5. apply the fundamentals of kitchen and bath planning as outlined by the National Kitchen & Bath Association (NKBA) guidelines.
6. apply the principles and properties of colour and finishes to interior spaces.
7. communicate design concepts using both verbal and graphic techniques.
8. demonstrate good design layout, within specified timelines, using craftsmanship and imagination.

## Resource Materials

### ***Required Texts:***

Panero, J. & Zelnik, M. (1979). *Human dimension and interior space*. New York, NY:

Watson-Guptill Publications.

NKBA. (2016). *Kitchen and bathroom - Planning guidelines with access standards*.

Hackettstown, NJ: National Kitchen & Bath Association.

### ***Reference Texts:***

NKBA. (2013). *Kitchen planning: Guidelines, codes, standards* (2nd ed.). Hackettstown, NJ:

National Kitchen & Bath Association.

NKBA. (2013). *Bath Planning: Guidelines, codes, standards* (2nd ed.). Hackettstown, NJ:

National Kitchen & Bath Association.

Cheever, E. M. (2014). *Kitchen & bath products and materials: Cabinetry, equipment, surfaces*

(2nd ed). Hackettstown, NJ: National Kitchen & Bath Association.

Blitzer, D., Mackay, T. (2015). *Kitchen and bath lighting: Concept, design, light*.

Hackettstown, NJ: National Kitchen & Bath Association.

Davis, A, Risher, R. (2014). *Kitchen and bath sustainable design: Conservation, materials,*

*practices*. Hackettstown, NJ: National Kitchen & Bath Association.

Wolford, N. (2015). *Kitchen and bath design principles: Elements, Form, styles* (2nd ed.).

Hackettstown, NJ: National Kitchen & Bath Association.

NKBA. (2013). *Kitchen and bath residential construction and systems* (2nd ed.).

Hackettstown, NJ: National Kitchen & Bath Association.

Krohn, M. (2014). *Kitchen & bath presentation : Drawing, plans, digital rendering* (2nd ed.).

Hackettstown, NJ: National Kitchen & Bath Association.

### ***Required Materials:***

Each student is to supply their own drafting instruments and other supplies as required.

## Conduct of Course

1. Most of the course material is covered by work during class. The 123 hours are divided into approximately 60 hours of lecture, 60 hours of studio and 3 exam hours.

2. The instructor provides instructional objectives and activity criteria at the beginning of each class.
3. Each topic is introduced with a lecture, followed by a problem-solving assignment.
4. Active participation in class is expected.
5. Assignments are due when stated. Late assignments will receive a deduction of one grade step per day including weekends. For example, if the assignment warrants a "B", and it is submitted one day late, the recorded grade will be a "B-", two days late, C+ and so on.
6. Students are expected to:
  - let the instructor know if you will be absent.
  - punctuality is required – no student will be admitted after the commencement of class.

## Evaluation Procedures

### Course Component Weighting

Class Assignments	25%
Sketchbook	10%
Projects	50%
Final Exam	15%
Field Trip	P / F
Total	100%

The student's performance expectations include:

- general improvement of competencies: utilizing previously learned skills.
- class attendance: consistent attendance, consistent punctuality.
- time-management: utilizing class time effectively; completion of assignments on time.
- decision-making: continuous development of confidence in application of skills.
- class participation: asking questions, offering input to discussions, assisting others.

In order to pass this course the student must pass the field trip. Failure to attend/pass the field trip results in the failure of this course. In the event of medical or family emergency college policy will obtain.

## Grade Equivalents and Course Pass Requirements

*A minimum grade of C (60%) (2.00) is required to pass this course.*

Letter	F	C	C+	B-	B	B+	A-	A	A+
Percent Range	0-59	60-64	65-69	70-74	75-79	80-84	85-89	90-94	95-100
Points	0.00	2.00	2.30	2.70	3.00	3.30	3.70	4.00	4.00

### Attendance

Regular attendance is essential for success in any course. Absence for any reason does not relieve a student of the responsibility of completing course work and assignments to the satisfaction of the instructor.

If the total number of unexcused absences exceeds three classes, a student may be required to withdraw from the class and will automatically receive a grade of "RW" (Required to Withdraw) no credit earned. An "RW" is calculated as a failing grade of 0.0 in GPA.

In cases of repeated absences due to illness, the student is requested to submit a medical certificate.

*Instructors have the authority to require attendance at classes.*

### Course Units/Topics

#### 1. The Design Process

- creativity and the nature of problem solving
- analysis and synthesis
- the sequential steps to the design process.

#### 2. Human Factors in Design

- Ergonomics, anthropometrics and proxemics
- Reading anthropometric tables
- Reference standards for residential interiors
- Clearances, user needs

#### 3. Space Planning Principles

- Programming
- Spatial analysis: zoning and traffic patterns
- Preliminary concept and plan development
- Space planning techniques: residential furniture arrangement principles
- Introduction to NKBA kitchen and bath planning guidelines

#### 4. Colour

- Psychology of colour as it applies to interiors
- Review of colour scheme theory
- Colour application in interiors
- Choosing the finishes for function and aesthetics
- Communication color decisions to the client



Copyright©LAKELAND COLLEGE.  
2602 - 59 Avenue, Lloydminster, Alberta, Canada T9V 3N7. Ph: 780 871 5700  
5707 College Drive, Vermilion, Alberta, Canada T9X 1K5. Ph: 780 853 8400  
Toll-free in Canada: 1 800 661 6490 E-mail: [admissions@lakelandcollege.ca](mailto:admissions@lakelandcollege.ca)