



# Architectural Design Studio (ADST) 205

## Foundations of Design II (Revision 1)

**Status:** Replaced with new revision, see the [course listing](#) for the current revision

**Delivery mode:** [Grouped study](#) or [Paced study](#) with [eText](#)

**Credits:** 3

**Area of study:** Applied Study

**Prerequisites:** [ADST 200](#) and [APST 215](#)

**Precluded:** None

**Challenge:** ADST 205 is not available for challenge.

**Faculty:** [Faculty of Science and Technology](#)

**This course will be offered in January, May and September. You may contact the FST Student Success Centre at 1-855-362-2870 for confirmation of other**

## **offerings.**

### **Notes:**

This course is offered over 13 weeks. Students are required to participate in one 3 hour evening video teleconference session per week.

*ADST 205 - Foundations of Design II* is intended for students enrolled in the BSc (Architecture) program at the RAIC Centre for Architecture at Athabasca University.

## **Overview**

*ADST 205* is the second of ten studio courses that will prepare you for work in an architect's office. The course continues the exploration of the creative design process begun in *ADST 200: Foundations of Design I*, through a series of composition, abstraction, and design projects. You will be introduced to a design process based on original thinking, in which you synthesize collected information and draw conclusions based on established premises.

The aim of this course is to familiarize you with the creative application of sound analytical skills, imaginative conceptual thinking, and form making abilities. It will also demonstrate how to generate a number of design alternatives, and evaluate and select the most appropriate one.

## **Outline**

*ADST 205* consists of five projects and two presentations. Each week, you will be asked to share your work-in-progress with your academic expert and the other students in the studio. This weekly session is the equivalent of a desk critique (a session during which the architecture student sits down with their instructor to review their designs) given in a face-to-face studio.

These interactive meetings will be held in an online environment that includes video conferencing, audio conferencing, and social media, and will

allow the academic expert to provide feedback on your work. This type of session is intended to be a productive working session much like you would experience in an architect's office. Upon registration, you will receive a full set of instructions for connecting to the virtual studio.

## Learning outcomes


After successfully completing this course, you should be able to:

1. *Comprehend*: Establish a basic understanding of the process design thinking, exploration, and communication.
2. *Analyze*: Explore and examine topics, including:
  - primary elements
  - form
  - space
  - organization of primary elements, form, and space
  - circulation through space
  - program
  - proportion and scale
  - ordering principles
3. *Apply*: Understand and apply basic design principles in the process of design development through critical thinking.
4. *Apply*: Begin to build a community of practice by working with other students

## Evaluation

Your work in this course will be evaluated based on five projects. You are required to scan and submit your projects to your academic expert via the Project links on the course home page. Each project is weighted as shown below. Note that your participation in discussions, and your sharing of resources, will contribute to your grade.


<b>Activity</b>	<b>Weight</b>	<b>Complete by</b>
Project 1: Colour, Mood, and Atmosphere	15%	Week 2
Project 2: Spatial Habitation	15%	Week 4
Project 3: Habitation Mapping and 2D Translation	15%	Week 7
Mid-term presentation	(ungraded)	Week 7
Project 4: Conceptual Design Development and Documentation	45%	Week 10
Project 5A: Final Presentation: Reflecting on What You Have Learned	10%	Week 13
Project 5B: Submit 2 images to the academic expert		
<b>Total</b>	<b>100%</b>	

To learn more about assignments and examinations, please refer to Athabasca University's [online Calendar](#) .

You must achieve a cumulative grade of 67% or greater to receive credit for ADST 200.

## Materials

Ching, F. D. K. (2015). *Architectural Graphics*. (6th ed.). Wiley.  (eText)

Ching, F. D. K. (2015). *Architecture: Form, Space, & Order*. (4th ed.). Wiley. (You received this text with ADST 200.)  (eText)

## eTexts

Registration in this course includes electronic textbooks. For more information on **electronic textbooks** [↗](#), please refer to our **eText Initiative site** [↗](#).

## Other Resources

### Student-Provided Tools and Equipment

You must provide a digital camera for your own use, as well as a few other tools. The items you will need to provide are listed below:

#### Photography tools:

- Smartphone with camera, or digital camera (SLR preferable)

#### Drawing materials:

- 35.56cm × 43.18cm (14" × 17") Strathmore 300 series acid-free drawing paper
- 22.86cm × 30.48cm (9" × 12") Strathmore 300 series sketchbook
- white or beige 2-ply card stock
- trace paper

#### Drawing tools:

- › 0.30 mm precision felt pen (or similar)
- › 2H to 2B pencils or mechanical pencils
- › coloured markers and/or pencil crayons
- › compass
- › protractor
- › ruler
- › drawing board (recommended)

#### Modeling materials:

- white or beige 2-ply card stock
- clear plastic sheet

### **Modeling tools:**

- › self-healing cutting mat: 18" × 24" (45.75cm × 60.96cm) or larger preferable
- › metal-edge cork-back ruler (various sizes)
- › stainless steel knife
- › masking tape/painter's tape
- › white glue
- › modeling set square

### **Use of Computers**

While this is an online and virtual studio, you are asked *not* to use a computer in preparing your projects. Hand drawing and modeling skills remain essential to the development of an architect, and the first studio courses in this series are designed to help you improve those skills. It is understood that you will need to use a computer to scan, arrange, format, save, and upload your final submission for each project, but you must complete all your drawings and models for this course by hand.

**Course Home Page** (online): The course home page houses all the online components of your course.





**Study Schedule** (online): The study schedule on your course home page includes the *Course Information*, the five projects and links to the online readings.

**Course Information** (online): The *Course Information* provides specific information about how to proceed through the course. Read the *Course Information* carefully before you begin reading the Study Guide.

**Study Guide** (online): The 5 *projects* are embedded on the course home page.

**Forms:** Forms you may need are available through the [myAU](#)  portal

## Important links

- [Academic advising](#) 
- [Program planning](#) 
- [Request assistance](#) 
- [Support services](#) 

Athabasca University reserves the right to amend course outlines occasionally and without notice. Courses offered by other delivery methods may vary from their individualized study counterparts.

*Opened in Revision 1, December 22, 2015*

*Updated June 5, 2024*

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