





Architectural Design Studio (ADST) 200

Foundations of Design I (Revision 2)

Status:

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

Delivery mode:

[Paced study](#) . Delivered via Brightspace.

Credits:

3

Area of study:

Applied Study

Prerequisites:

None.

Precluded:

None.

Challenge:

ADST 200 is not available for challenge.

Faculty:

[Faculty of Science and Technology](#) 

Notes:

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.

ADST 200: Foundations of Design I is intended for students enrolled in the BSc (Architecture) program at the RAIC Centre for Architecture at Athabasca University.

Overview

Architectural Design Studio 200: Foundations of Design I is the first of 10 studio courses that will prepare you for work in an architect's office. This course explores the creative design process through a series of composition, abstraction, and design projects. The aim of ADST 200 is to familiarize you with the creative application of sound analytical skills, imaginative conceptual thinking, and form-making abilities.

You will be introduced to a design process based on original thinking, in which you will synthesize collected information and draw conclusions based on established premises. The course will also demonstrate how to generate a number of design alternatives, and evaluate and select the most appropriate one.

Outline

ADST 200 consists of five projects and two presentations. Each week, you will be asked to share your work in progress with your instructor 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 instructor 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


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

Evaluation

To receive credit for ADST 200, you must achieve a cumulative grade of at least 67 percent. Your work in this course will be evaluated based on five projects. Note that your participation in discussions and your sharing of resources will contribute to your grade.

The weighting of the projects is as follows:

Activity	Weight	Complete by
Project 1: Two-Dimensional (2D) Graphic Composition: Points and Lines	15%	Week 2
Project 2: 2D Composition	15%	Week 4
Project 3: Translation from 2D to 3D; midterm presentation	30%	Week 7
Project 4: Exploring Solids and Voids	30%	Week 10
Project 5: Final Presentation: Reflecting on What You Have Learned	10%	Week 13
Total	100%	

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

Materials

Digital course materials

Links to the following course materials will be made available in the course:

Ching, F. D. K. (2015). *Architecture: Form, space, and order* (4th ed.). Wiley.

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

- 35.56 cm × 43.18 cm (14" × 17") Strathmore 300 series acid-free drawing paper
- 22.86 cm × 30.48 cm (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" (45.75 cm × 60.96 cm) 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.

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.

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View [previous revision](#) 
