



Tutor: Melissa Busch, RA, ID, NCARB

Class Name: Design 101

Grade Levels: Grades 7-12

Class Description: After learning basic building components & materials, and how to read a set of 'blueprints', students are provided with drafting tools (to keep) and begin to design and hand-draw a home (to-scale). Students will walk-through the design process from Pre-Design to Design Development and produce a Project Portfolio (folder) including the following plans: site, floor, roof, furniture, electrical/ceiling; as well as elevations, utility system overlays (plumb/hvac), and will present the final project to the class. Students are also exposed to what architecture includes, steps to registration, and careers in the design/construction industry.

Classes include fast-paced lectures with occasional drawing exercises which may need to be completed at home. Students WILL need to continue working on house designs at home. A computer and Internet access (+printer) is needed for research. There are no quizzes or tests for this course.

Students are encouraged to bring a pencil and paper for taking notes during class. Students will keep the drafting tools and supplies provided in class (they must bring to class) which are covered by the course non-refundable material fee.

Prerequisites: None

Textbook/Author/Publisher: None

Supplies Required: Suggested pencil/paper for taking notes. All other supplies provided in-class.

Materials/Lab Fee: \$60/semester

Step Up: NO