

Linn Benton Community College

Architectural Design II, EG4.463 Drafting & Engineering Graphics

Instructor: Ron Care

Phone: 541-979-9252

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CAD Lab Tech: Ric Costin

Phone: 541-917-4773

Outcomes:

Demonstrate the ability to draw buildings using advanced 3D architectural software

Create drawings of buildings using industry standards

Demonstrate the ability to apply the User Interface within the 3D software

-If you need to contact me, you can e-mail me and I will do my best to respond by the end of the following day.

Course Goals:

Cover intermediate residential design principles including design of floor plans, elevations, 3-D presentation and working drawings using advanced 3-D architectural software. Prerequisite: EG 4.423 Architectural Design I

Required Text:

None

Recommended Text:

Revit 2020 Fundamentals

Recommended Equipment:

3D mouse

Key Features of the course

- Start at an introductory level
- Project based in class discussion of the design of a house from start to finish
- We will cover all aspects of what is needed in a complete set of plans
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Required Supplies:

Engineering Pad

Pencil or Pen

Eraser

Architect scale

Evaluation:

A: 100 ~ 90%

B: 89 ~ 80%

C: 79 ~ 70%

D: 69 ~ 60%

F: 59% or below

IN: By signed agreement. *Student requested.*

All coursework to be made up within next term.

Y: Not enough coursework completed to warrant grading.

Grading Weight:

Assignments: 25%

Tests & Quizzes: 25%

Final Project: 50%

Participation: Up to 10 points added to your grade at the end of the term

Miscellaneous:

Guidelines for success in this class:

- Attend everyday and on time.
- Inform me ahead of time if you are going to miss class.
- If you miss class it is your responsibility to contact me for assignments and due dates. Or check with your classmates.
- Be prepared.
- Late assignments will have a penalty as follows:
 - 1 week = -10%
 - 2 weeks = -30%
 - 3 weeks = -50%

-NO LATE HOMEWORK WILL BE ACCEPTED AT THE DAY OF THE FINAL EXAM-

- Extra credit will be available to those that have completed all of the assigned homework. If all of the assigned homework is not turned in on time then there will not be any extra credit.

All homework is unique and original work created by the person named on the drawing for who the homework is being turned in by. No part of the homework, except group projects, shall be copied, duplicated, shared or in any way represent work done by someone else. Students who may need accommodations due to documented disabilities, who have medical information which the instructor should know, or who need special arrangements in and emergency, should speak with the instructor during the first week of class. If you have not accessed services and think you may need them, please contact Disability Services, 541-917-4789. (**Per Perry Carmichael**)

Lab Policies and Procedures:

You are required to keep both your computer and workstation area clean and orderly. You will be checked periodically and without warning, so keep a professional looking workplace. You are expected to know and follow all lab policies, both written and implied. **(Per Perry Carmichael)**

Final Exam:

TBD