

Sul Ross State University

A Member of the Texas State University System

CSAT 4310– Senior Capstone – Fall 2016

Instructor: Dr. Kennard Laviors

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Office hours:

MW 8:00am-9:00am and 1:30pm - 2:00pm

TTH 8:00am-9:30am and 12:30pm - 1:00pm

F 10:00am - 11:00am

Class Meeting Time

F 2:00 PM to 4:00 PM

Program Learning Objective

1. Understand the fundamental concepts of computer science including algorithms and data structures.
2. Understand modern computer systems, databases and networking.
3. Display an understanding and ability to implement current programming methodologies.
4. Become proficient with systems design based on object-oriented programming.
5. Work as a team in workgroup environments.

Course Objectives

This course will introduce computer science students to large computer science projects. Students will work as a team to accomplish a large project over the span of two semesters. In this first class students will determine a project, perform a feasibility study, and make an initial requirements and design document.

Textbook:

None required. This course will make extensive use of the Unity manual and online resources

Teaching Methods

Grading

Letter grades will be determined using a standard percentage point evaluation as outlined below.

A 90 - 100 points

B 80 - 89 points

C 70 – 79 points D 60 – 69 points

F Below 60 points

The final grade will be computed on the following weights:

Participation ==> 25%

Requirements ==> 25%

Design ==> 25%

Final Report==> 25%

Course Policies

Exams, quizzes and assignments: NO MAKE-UPS ARE ALLOWED, unless medical or extreme conditions are present.

Academic dishonesty

You are expected to do your own work on all assignments, exams, quizzes, and projects. Any dishonest work will be penalized with a grade of zero.

Need for assistance

Qualified students with disabilities needing academic or other accommodations to ensure full participation in the programs, services and activities at Sul Ross State University should contact the Disabilities Services Coordinator, at

Counseling and Prevention Services
Ferguson Hall 112, Box C-117,
Alpine TX 79832

Posting of Grades

As soon as assignments, tests and final exam are graded, the grades will be posted in Blackboard.