

Sul Ross State University

A Member of the Texas State University System

CS2315 – Data Structures – Spring, 2015

Instructor: Dr. Kennard R. Lavers

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Office hours: Office hours: MWF (9:00am-11:00am & 1PM-3:00pm)

MWF 8:00 – 8:50 a.m. BAB 302

Lab: TR 3:00 – 4:30 p.m. BAB 302

**Course Objectives:**

This course covers the modern theory of algorithms, focusing on the themes of efficient algorithms and intractable problems. The course goal is to provide a solid background in algorithms for computer science students, in preparation either for a job in industry or for more advanced courses at the graduate level.

**Textbook:**

C++ Programming: From Problem Analysis to Program Design, 2014, by D. S. Malik

ISBN-10: 1285852745, ISBN-13: 978-1285852744

**Teaching Methods**

Assignments: Exercises will be periodically assigned to help support and supplement material found in the textbook. No make ups are allowed, unless medical or extreme conditions are considered. Tests, assignments and final exam will be delivered through Blackboard with a date and time limit. No make ups are allowed, unless medical or extreme conditions are considered.

**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:

Tests:

Exam 1 ==> 15%

Exam 2 ==> 15%

Exam 3 ==> 15%

Exam 4 ==> 15%

Final ==> 20%

Assignments ==>15%

Participation ==> 5%

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### **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, in Counseling and Prevention Services, Ferguson Hall 112, Box C-117, Alpine, Texas 79832.

### **Posting of Grades**

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