

# Engineering FORTRAN - EGR 150

**Instructor:** Harry McMaken

**Text:** FORTRAN 95/2003 for Scientists and Engineers, 3<sup>rd</sup> Edition  
Chapman

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**Office:** Building 4 Room 10C

**Hours:** 9:00-10:00am M-F or by appointment

## Course Policies:

Students are responsible for keeping current with daily assignments and completing all projects in a timely manner. There will be four programming projects assigned with point values of 10, 10, 10, and 20. The fourth project may be a team project approved by the instructor, or a program assigned by the instructor. Tests are to be taken on the day scheduled unless other arrangements are made prior to the exam. There are two exams. Exams are open book, open note. Each exam is worth 25 points. The final exam will be just a standard hour exam covering the last chapters of material. The students final grade will be the total of all exam and project scores based on the following schedule:

90 - 100 - A      80 - 89 - B      70 - 79 - C      60 - 69 - D      Below 60 - F

Additional help is available in the Learning Center, Building 6.

Date	Assignment	
Jan 9	Introduction & Data Structures	Read Chpt. 1
Jan 23	Problem Solving	Read Chpt. 2
Jan 30	Branching	Read Chpt. 3
Feb 6	Repetition and Loops	Read Chpt. 4
Feb 13	Formatted I/O	Read Chpt. 5 Program 1 due
Feb 20	Arrays	Read Chpt. 6
Feb 27	Subprograms & Review	Read Chpt. 7 Team Project proposals due
<b>Mar 5</b>	<b>Exam 1 - Chapters 1 - 7</b>	
Mar 12	Arrays & Subprograms	Read Chpt. 8 Program 2 due
Mar 26	Arrays & Subprograms	Read Chpt. 9
Apr 2	Strings	Read Chpt. 10
Apr 9	Files I/O	Read Chpt. 14 Program 3 due
Apr 16	Numerical Methods	
Apr 23	Numerical Methods & Review	
<b>Apr 27</b>	<b>Exam 2 - Chapters 7 - 10, 12</b>	<b>Final Program due</b>