

Three Rivers Community College
CAD 239
Geometric Dimensioning and Tolerancing
2016 Spring Syllabus

Instructor: Prof. Ronald Greenier

Office: Room C 140

Office Hours: Tuesday 4:00-5:30
Wednesday 4:30-6:00

Communications:

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Class lectures and lab are held in room D115 – Wednesday 6:30-9:00

Textbooks:

Geometric Dimensioning and Tolerancing 9th Edition
By David A. Madsen

Grading:

4 Tests =50%
Weekly assignments = 40%
Final Project = 10%

| DATE | CONTENT | ASSIGNED READING |
|----------------|--|-------------------------|
| 1-27-16 | Course Introduction | |
| 2-03-16 | Dimensioning and Tolerancing | Chap.1 |
| 2-10-16 | Symbols and Terms | Chap. 2 |
| 2-17-16 | Test 1 Chapters 1 and 2 Datums | Chap. 3 |
| 2-24-16 | Datums | Chap. 3 |
| 3-02-16 | Material Condition and Material Boundary | Chap. 4 |
| 3-09-16 | Test 2 Chapters 3 and 4 Lab work (Final Project) | |
| 3-16-16 | Form Tolerances | Chap.5 |
| 3-23-16 | Spring Break - No Classes | |
| 3-30-16 | Form Tolerances | Chap.5 |
| 4-06-16 | Orientation Tolerances | Chap.6 |
| 4-13-16 | Test 3 Chapters 5 and 6 Lab work (Final Project) | |
| 4-20-16 | Location Tolerances | Chap. 7 |
| | Location Tolerances and Virtual Condition | Chap. 8 |

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| 4-27-16 | Profile Tolerances Runout Tolerances | Chap. 9 Chap. 10 |
| 5-04-16 | Test 4 Chapters 7 through 10 Lab work (Final Project) | |
| 5-11-12 | Final Project Exercise Due | |

Content subject to change at instructor's discretion