

Assignments “Geometric Dimensioning & Tolerancing” CDI 51

Directions for completion of the assignments

The student is required to read the chapter prior to the day the chapter will be discussed. See the schedule below.

The student will complete the “Test” at the end of the chapter prior to the next discussion day. The Test is due one week after the Test is assigned.

The student will complete the “Print Reading Exercise” at the end of the chapter prior to the next discussion day. The Print Reading Exercise is due one week after it is assigned.

Drawing exercises are to be turned in at the end of class per the schedule below. Drawing may be submitted at any time prior to their due date. A drawing is complete when it is placed on the appropriate ANSI drawing format, the titleblock is filled out, and the notes are placed. **If you do not follow the direction you will be heavily marked down.** Metric parts will be printed on an inch format and a note will be added that explains that the dimensions are metric. Students may turn in their work either in class or as e-mail to Robert.Benzio@gmail.com. The work submitted in class may be printed either on a classroom printer. The print will not be in color. Students who choose the on-line drawing option will submit their work as Adobe PDF files, or Word documents. Students may not submit their work as native cad files in any software. If you have any questions about the acceptable file types, ask me.

All late work will result in a loss of 25% per week off the grade for that assignment.

Schedule

September 25

- No chapter is assigned.
- No Test is assigned
- No Print Reading Exercise is assigned

October 2

- Chapter 1 “Dimensioning and Tolerancing”
- Chapter 1 Test is assigned
- Chapter 1 Print Reading Exercise
- The student will complete the drawings on pages 277, 278, 279, & 280,

October 9

- Chapter 2 “An Introduction to Symbols, Terms, & CAD Drafting”
- Chapter 2 Test
- Chapter 2 Print Reading Exercise
- The student will complete the drawings on pages 281, 282, 283, & 284

October 16

- Chapter 3 “Datums”
- Chapter 3 Test
- Chapter 3 Print Reading Exercise
- The student will complete the drawings on pages 285, 286, 287 & 288

October 23

- Chapter 4 “Material Condition Symbols”
- Chapter 4 Test
- Chapter 4 Print Reading Exercise
- The student will complete the drawings on pages 289, 290 & 291

October 30

- Chapter 5 “Tolerances of Form and Profile”
- Chapter 5 Test
- Chapter 5 Print Reading Exercise
- The student will complete the drawings on pages 292, 293 & 294

November 6

- Chapter 6 “Tolerances of Orientation and Runout”
- Chapter 6 Test
- Chapter 6 Print Reading Exercise
- The student will complete the drawings on pages 295, 296 & 297

November 13

- Chapter 7 “Location Tolerances (Part 1)”
- Chapter 7 Test
- Chapter 7 Print Reading Exercise
- The student will complete the drawings on pages 298, 299, 300, & 301

November 20

- Chapter 8 “Location Tolerances (Part 2)”
- Chapter 8 Test
- Chapter 8 Print Reading Exercise
- The student will complete the drawings on pages, 302 , 303, 304, & 305

November 27 (NO CLASS)

December 4

- The student will complete the drawings on pages 306, 308, 309, & *310(Extra credit)
- * Special instructions for 310. You must submit your project to me for approval prior to beginning. I will determine if the project is suitable, within your abilities, and sufficiently complex to warrant a high grade. Online students may submit a photo or drawing of their project.

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December 11

- All work is due