

Syllabus

Advanced Dimensional Metrology
MFTS 214

Hudson Valley Community College
Advanced Manufacturing Technology

Instructor: R. Dean Odell

Office: GHC 121
Phone: 518-629-4997
E-mail: r.odell@hvcc.edu

Office Hours: Posted on office door

Course Textbook:

HANDBOOK OF DIMENSIONAL MEASUREMENT 5TH Edition ISBN 9780831134655

GD&T: Application and Interpretation
(This is the blue textbook from your Print Reading Class)

Course Description:

This course will provide the student with coverage of the quality assurance function as it applies to design, manufacture, material purchase, customer furnished material, process control, inspection and testing, records, equipment control, corrective action, statistical process control and customer satisfaction. Lab sessions will provide opportunities for hands-on application of knowledge gained from lecture, discussion, and homework.

Activities and Assignments:

The instruction will consist of video lectures, assigned readings from the textbook(s), and assessments on the material covered. Lab time will consist of practical work with CMM machines in the Metrology lab.

Your lab instructor will provide you with information about the requirements and grading policy for the lab portion of this course.

Grade Computation:

30% Homework Assignments

70% Lab Assignments (Including Practical Exams)

Accommodations for Students with Disabilities

In compliance with the Americans with Disabilities Act of 1990 and with Section 504 of the Rehabilitation Act, Hudson Valley Community College is committed to ensuring educational access and accommodations for all its registered students, in order to fully participate in programs and course activities or to meet course requirements. Hudson Valley Community College's students with documented disabilities and medical conditions are encouraged to access these services by registering with the Center for Access and Assistive Technology to discuss their particular needs for accommodations. For information or an appointment contact the Center for Access and Assistive Technology, located in room 130 of the Siek Campus Center or call 518-629-7154/TDD: 518-629-7596.