

INTC 1358
Flow and Measurement Calibration

Western Texas College

- I. Basic Course Information
 - A. Practical methods of flow measurements and flow integration.
 - B. Emphasizes primary flow element selection and calculations in accordance with American Gas Association (AGA) and American Petroleum Institute (API) standards.
- II. Student Learning Outcomes
 - A. Perform flow calculations
 - B. Select the proper primary flow element under specific conditions
- III. Major Course Requirements
 - A. Homework
 - B. Lab Participation
 - C. Quizzes / Test / Final Exam
- IV. Information on Books and Other Course Materials
 - A. Book: *Flow Measurement*, Process Control Series 775, Schoolcraft by Wolff
- V. Other Policies, Procedures and Important Dates are available in the [Catalog](#).
- VI. Course Organization and Schedule - Disclaimer: Schedule and content is subject to change at the instructor's discretion.
 - A. Weekly Course Schedule

Week 1	Introduction
Week 2	Properties of Fluid Flow
Week 3	Primary Measuring Devices
Week 4	Secondary Measuring Devices
Week 5	Variable-Area Instruments
Week 6	Test 1
Week 7	Open-Channel Flow Devices
Week 8	Positive-Displacement Meters
Week 9	Turbine and Magnetic Flowmeters
Week 10	Specialized Flowmeters
Week 11	Test 2
Week 12	Metering the Flow of Solid Particles
Week 13	Installation and Maintenance of Flow Instruments
Week 14	Review
Week 15	Pre-final week

Week 16	Finals
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Last Modified: August 29, 2016