

MET 2400
Manufacturing Processes
 5:2:9 F
 Teaches principles of production equipment and concurrent processes. Includes machining, metal casting, powder metallurgy, joining of metals, sheet metal, plastics, machine shop practices and principles and cutting. Involves cost estimating, design for assembly, CAM, lean manufacturing, automation and environmentally-conscious manufacturing. Includes the technological limitations. Includes lab.

MET 2450
Manufacturing Systems and Quality
 3:3:0 F, Sp
 For students desiring an advanced course in the organization and operation of the modern manufacturing company. Focuses on quality in manufacturing.

MET 2500
Computer Numerical Control and Automation
 3:2:3 Sp
 • Prerequisite(s): MET 2400
 Teaches the application of Computer Numerical Control principles to a modern manufacturing facility. Includes the components, systems, dimensioning, process planning, tooling and tool changing, programming and interpolation, use of computer capabilities and advanced CNC features, and EIA/ASCII codes. Studies automation principles including the environment necessary for automation and the automated work cell. Includes lab.

MET 281R
Cooperative Work Experience
 1 to 8:0:5 to 40 Sp
 • Prerequisite(s): EGDT 2600, ENGL 1010, ENGL 2020, MET 1300, MET 2400
 • Corequisite(s): MET 285R
 Provides paid, on-the-job work experience in the student's major. Work experience, the related class and enrollment are coordinated by the Cooperative Coordinator. Includes student, employer and coordinator evaluations, on-site work visits, written assignments and oral presentations. Provides experience in writing and completing individualized work objectives that improve present work performance.

MET 285R
Cooperative Correlated Class
 1:1:0 F, Sp
 • Prerequisite(s): EGDT 2600, ENGL 1010, ENGL 2020, MET 1300, MET 2400
 • Corequisite(s): MET 281R
 Identifies on-the-job problems and provides remediation of those problems through in-class discussion and study. Includes the study of identifying and maximizing service opportunities. Students register for this class with approval of the Cooperative Coordinator. Includes lecture, guest speakers, video tapes, role playing, case analysis, oral presentations and written assignments. Completers should be better able to perform in their field of work or study.

MET 295R
Current Topics in Manufacturing Engineering Technology
 1 to 4:1 to 4:0 to 6 F, Sp
 • Prerequisite(s): MET 2400, MET 2500, EGDT 2600, EGDT 2610
 Presents various topics relating to technology manufacturing advances. Examines global manufacturing techniques, processes and equipment. Includes oral and written reports. May include lab, field trips, trade shows, professional organization meetings and guest speakers. Repeatable for a total of 3 credits towards the degree.

METO—METEOROLOGY

METO 1010 PP
Introduction to Meteorology
 3:3:0 Su, F, Sp
 Introduces the study of our atmosphere. Studies the Earth's dynamic weather systems. Covers structure and compositions of the atmosphere; weather patterns; air masses; and types of weather fronts, weather forecasting, and climates.

METO 1020 F
Introduction to Meteorology Laboratory
 1:0:2
 Provides hands-on experience for students investigating various meteorologic phenomena discussed in METO 1010. Students desiring credit for a science major should take METO 1010 and METO 1020.

METO 3100 Sp
Climate and the Earth Systems
 3:3:0
 • Prerequisite(s): (CHEM 1110 or 1210), MATH 1050 and GEO 1010
 For students interested in understanding the Earth's dynamic environment. Studies the four major Earth systems that constitute the environment: the lithosphere, hydrosphere, atmosphere, and biosphere. Investigates the interdependency of these systems. Explores global warming, ozone depletion, the green house effect, Earth's energy balance and other environmental concerns and discusses important environmental cycles.

MGMT—BUSINESS MANAGEMENT

MGMT 1010 SS
Introduction to Business
 3:3:0 Su, F, Sp
 Overviews the business world, its structure, procedures, and vocabulary. Provides information to assist in making occupational choices. Methods include lectures, class discussions, group activities, videos, and guest speakers. Completers should have a general knowledge of business and career opportunities.

MGMT 117R F, Sp
Delta Epsilon Chi
 1:1:1
 Delta Epsilon Chi is a national student organization designed for all marketing/hospitality majors. Helps students develop professionally through opportunities to use and apply leadership, human relations, management, social, communicative, and

organizational skills. Includes involvement with the business community. Provides opportunities for leadership positions, committee assignments, participation in school and community activities, and competition in state and national events. Requires payment of local, state, and national dues. May be taken a maximum of two times for credit. Offered on a credit/no credit basis.

MGMT 118R
Delta Epsilon Chi Leadership
 1:1:1 F, Sp
 For Delta Epsilon Chi officers. Includes leadership development, organization, and direction of the DEX program of work for UVU Chapter. Course will be offered on a credit or no credit basis. May be taken a maximum of two times for credit.

MGMT 1200
Business English
 3:3:0 On Sufficient Demand
 • Prerequisite(s): ENGH 0990 or equivalent knowledge
 For all those desiring to improve business English skills. Studies current usage of English grammar, including parts of speech, syntax, and punctuation. Emphasizes business usage.

MGMT 1250
Principles of Leadership
 3:3:0 F, Sp
 Required course for integrated studies degree students with an emphasis in leadership. Overviews principles of leadership. Provides students with information on successful leadership styles. Includes lectures, videos, cases, group activities, and class discussion.

MGMT 126R
Leadership Academy--No Greater Heroes I
 2:1:3 On Sufficient Demand
 Assists in mastery of the key communication skills, beliefs, and physiology of truly successful people. Utilizes a behavioral model with specific strategies to produce extraordinary results on a consistent basis. Helps students take intelligent action toward producing outstanding results in life. Assists in learning to condition mind and body to consistently react with power and focus in situations. Provides life experiences to demonstrate resolve. Provides opportunities to make a difference in another person's life. May be repeated one time for credit for a maximum of 4 credits. (BS Business Management majors may count 2 credits toward degree elective credits.)

MGMT 127R
Leadership Academy--No Greater Heroes II
 2:1:3 On Sufficient Demand
 • Prerequisite(s): MGMT 126R
 Emphasizes the rewards received by those who give extraordinary ways. Produce and use evaluation tools to assess one's journey toward predetermined outcomes. Learn to use data to increase productivity, monitor performance, and adjust needed changes required to achieve objectives and goals. Emphasizes the need for documentation so success can be duplicated consistently over and over. Includes field work presenting motivational activities in both junior and elementary schools. May be repeated one time for credit for a maximum of 4 credits. (BS Business Management majors