

Course Descriptions

CLSS 240R
Leadership Mentoring Practicum
 2:1:10 F, Sp
 Allows UV Mentor to work with cooperating instructor to set goals and evaluate performance as a peer mentor in a UVU1000 classroom. Provides opportunities to demonstrate mentoring and presentation skills. Features organizing study groups, service learning, and student life activities. May be repeated for a maximum of 6 credits toward graduation. .

CLSS 281R
Internship
 1 to 8:0:5 to 40 F, Sp
 • Prerequisite(s): Department Approval
 • Corequisite(s): CLSS 2100 recommended
 Provides supervised, practical, and professional experience for students exploring a variety of career areas. May be repeated for a maximum of eight credit hours.

CMGT—CONSTRUCTION MANAGEMENT

CMGT 1010
Introduction to Construction Management
 3:3:0 Su, F, Sp
 Presents an overview of the practice of construction management including heavy civil, commercial, and residential construction. Examines the 5 M's of Construction Management—Money, Machines, Materials, Manpower and Marketing. Introduces construction documents including 2D and 3D building information models (BIM). Utilizes guest lecturers, and field trips in addition to traditional classroom activities.

CMGT 1020
Construction Materials and Methods I
 4:3:3 Su, F, Sp
 • Prerequisite(s): Basic Computer Applications Exam with score of 80% or higher or DGM 1010, and MAT 1000 or higher or EGDT 1600
 • Pre- or Corequisite(s): EGDT 1020
 Provides a basic knowledge of the materials and methods used in heavy civil, commercial, and residential construction projects. Includes lectures, site visits and laboratory work.

CMGT 2010
Construction Materials and Methods II
 4:3:3 Su, F, Sp
 • Prerequisite(s): CMGT 1020, EGDT 1020
 • Pre- or Corequisite(s): DGM 2010
 A continuation of CMGT 1020. Provides additional basic knowledge of the materials and methods used in heavy civil, commercial, and residential construction projects. Includes lectures, site visits and laboratory work.

CMGT 2030
Principles of Construction Scheduling
 3:3:0 Su, F, Sp
 • Prerequisite(s): CMGT 1010, CMGT 2010, DGM 2010
 Provides fundamental skills required to plan and schedule civil and commercial construction projects. Familiarizes students with computer scheduling software packages. Covers the efficient assignment of available resources to complete projects on time and within budget.

CMGT 2040
Safety and Job Site Management
 4:3:3 F, Sp
 • Prerequisite(s): CMGT 2010
 Covers the role and duties of job site managers of heavy civil and commercial construction projects. Includes documentation, time and cost control, jobsite layout and control, labor relations, conflict resolution, project safety, and project closeout. Focuses on project quality and cost control.

CMGT 3010
Construction Materials Testing
 3:2:3 F, Sp
 • Prerequisite(s): CMGT 2010
 Investigates the general physical properties of construction materials and their common quality control/assurance tests conducted in the construction industry. Analyzes results of these tests and how they affect construction design. Emphasis is placed on the performance of field and lab testing procedures used in heavy civil construction.

CMGT 3020
Analysis and Design of Construction Systems
 3:2:2 F, Sp
 • Prerequisite(s): CMGT 2010
 Covers mechanical, electrical and plumbing (MEP) principles. Provides problem solving experience in the analysis and design of MEP practices used in both horizontal and vertical construction applications.

CMGT 3030
Principles of Construction Estimating
 4:3:3 F, Sp
 • Prerequisite(s): CMGT 2030, CMGT 2040, ACC 3000 or (ACC 2010 and ACC 2020)
 Covers the preparation of detailed cost estimates based on contract models and documents. Includes the use of software for performing reliable quantity take-offs. Covers labor, material, and equipment pricing. Includes lectures and laboratory work.

CMGT 399R
Student Professional Organization
 0.5:0.5:0 Su, F, Sp
 Provides students the opportunity to participate in a professional organization in the construction field. Utilizes guest speakers, attendance at professional meetings, and competitions. Should be taken once each year during BS program for a maximum of two (2) credits toward graduation.

CMGT 4010
Construction Documents
 3:3:0 F, Sp
 • Prerequisite(s): CMGT 3030
 Prepares learners to be able to interpret and utilize appropriate construction documents such as contracts, waivers, change orders, employee documents and specifications, etc. Addresses the dispute process in the United States and the contractual relationship associated with construction project delivery methods.

CMGT 4500
Senior Capstone Project
 3:1:4 F, Sp
 • Prerequisite(s): CMGT 4010
 For senior Construction Management majors. Involves execution of a construction project case simulation covering all aspects of construction management for either heavy civil or commercial

projects. Requires a written project report and oral presentation.

CMGT 459R
Current Topics in Construction
 3:3:0 F
 • Prerequisite(s): Department Approval
 Provides exposure to emerging technologies and topics of current interest in Construction. Varies each semester depending upon the state of technology. May apply a maximum of six hours toward graduation.

CMGT 481R
Internship
 1 to 3:0:5 to 15 Su, F, Sp
 • Prerequisite(s): Approval of Construction Technologies Department Chair
 Provides opportunities to apply classroom theory while students work as employees in a job that relates to their careers. Students communicate regularly with a School of Technology and Computing coordinator. Credit is determined by the number of hours a student works during the semester and completion of individually set goals. Three credits may be applied toward a Bachelor of Science Degree in Construction Management. Graded credit or no-credit.

CMGT 489R
Undergraduate Research in Construction
 1 to 3:0:5 to 15 Su, F, Sp
 • Prerequisite(s): Department approval
 Provides the opportunity to conduct research under the mentorship of a faculty member. Practices the theoretical knowledge gained in prior major courses. Creates a significant intellectual or creative product that is characteristic of the Construction discipline and worthy of communication to a broader audience. May be repeated for a maximum of 3 credits toward graduation.

CMGT 497R
Independent Study
 1 to 3:0:3 to 9 Su, F, Sp
 • Prerequisite(s): Approval of Construction Technologies Department Chair
 Offers independent study as directed in reading or individual projects at the discretion and approval of the department chair. May be repeated for a maximum of 6 credits toward graduation.

COMM—COMMUNICATION

COMM 1020 HH
Public Speaking
 3:3:0 Su, F, Sp
 Covers speech research, preparation, outlining, and delivery. Provides students with practical experience and evaluation.

COMM 1050 HH
Introduction to Speech Communication
 3:3:0 Su, F, Sp
 Surveys the questions, methods, and current status of knowledge in the discipline of speech communication. Explores communication theory and practice across a variety of contexts and forms, including verbal, non-verbal, interpersonal, group, organizational, and communication.