CMGT 380 ADVANCED ESTIMATING AND APPLICATIONS (1-3-2)(F/S). Continues the estimating process from CMGT 370. Estimating analysis techniques including: risk management, error detection, estimate accuracy, constructability, resource allocation/utilization, capital commitment, market conditions, and profitability are studied. Automated, computerized estimating applications are surveyed using sample project data and commercially available programs. PREREQ: CMGT 367.


CMGT 420 REINFORCED CONCRETE AND STEEL CONSTRUCTION (3-0-3)(F/S). The structural analysis and construction of reinforced concrete and structural steel systems; including vertical and horizontal loads on beams and columns; bending, shear, compressive and tensile stresses and deflection analysis, and construction methods. PREREQ: ENGR 306.

CMGT 440 CONSTRUCTION PROJECT MANAGEMENT (3-0-3)(F/S). Construction management techniques, professionalism, ethics, safety, quality control, contractor and subcontractor qualifications, modern issues, and planning and supervision of construction operations. Students are required to take the AIU Level 1 Certified Professional Constructor Exam as a culminating activity. PREREQ: CMGT 385, and senior status. COREQ: CMGT 44 or 442. PRE/ COREQ: CMGT 417.

CMGT 441 CONSTRUCTION SUPERVISION LABORATORY (0-3-1)(F/S). Students combine construction field supervision concepts and skills into a comprehensive project that includes supervision and safety procedures, labor relations, quality control, monitoring/inspection of construction operations, documentation procedures, and other topics. COREQ: CMGT 440.

CMGT 442 PROJECT MANAGEMENT LABORATORY (0-3-1)(F/S). Students combine professional construction management concepts and skills into a single comprehensive project that includes conceptual estimating, project planning, proposal preparation, contract management, risk management, documentation procedures, and other topics. COREQ: CMGT 440.

CMGT 460 PROJECT COST CONTROLS (3-0-3)(S). Theory of cost accounting and cost control, with emphasis on cost determination as a tool of management and project cost control. Includes bidding, budgeting, and developing project cost record-keeping system for managing cash, receivable, payroll, and subcontractors. PREREQ: ACCT 206 and CMGT 367.

CMGT 470 LAND DEVELOPMENT (3-0-3)(F/S). Overview of the land development process, including planning, design, construction, and sale of various types of real estate. Topics include key concepts in successful development, feasibility studies, site selection and improvement, government policy and regulation, project planning and master planning, design of public infrastructure, and construction of site improvements. PREREQ: Upper-division standing.

CMGT 487 PRINCIPLES OF PROJECT PROPOSAL PREPARATION AND PRESENTATION (2-0-2)(F/S). Problem analysis, strategic thinking, organization, and communication of a team’s solution & proposal. Typical project areas: Heavy Civil, Commercial, Residential, Design/Build, Mechanical/Electrical or another appropriate topic area. PREREQ: CMGT 260 or PERM/INST.

CMGT 488 PROPOSAL SEMINAR (0-2-1)(F/S). The formation and delivery of a formal, competitive, construction industry proposal. Research, prepare and present a proposal before a group of industry professionals. PREREQ: CMGT 487 or PERM/INST.

CMGT 493 INTERNSHIP. Cooperative education/internship in construction management provides practical, on-the-job experience in blueprint reading, material takeoff, estimating, equipment management, and project planning.

CMGT 496 INDEPENDENT STUDY. Construction studies as supervised by a construction faculty member.

Department of Counselor Education

College of Education

Department of Counselor Education

Chair and Professor: Kenneth Coll. Professor: Birdsall, Miller, Nicholson

Degrees Offered

- Master of Arts in Counseling
- Graduate Certificate in Addiction Studies
- Graduate Certificate in Gerontological Studies

Department Statement

The department houses the graduate counseling programs, offers a variety of undergraduate classes, and provides course work suitable for practicing counselors’ continuing education units.

The master of arts in school counseling program is designed to prepare professionals in education and related careers to become professional counselors at the elementary and secondary levels. Included are extensive practica and internship opportunities to work with a wide variety of clients in schools and other work settings. Graduates meet the Idaho school counseling endorsement requirements and are prepared to begin the process for licensure as professional counselors.

An additional elective track provides courses leading to certification as an addictions counselor.

Course Offerings

See page 65 for a definition of the course-numbering system.

COUN — COUNSELING

COUN 458 DEPRESSION (1-0-1)(S). Examines depression as both an academic subject and personal expression of mood associated with health and psychological problems. Assesses the symptoms, causes and related treatments for the range of depressive related problems from situational based depression and grief reactions to major clinical depression and bipolar disorder.

COUN 459 FEARS AND PHOBIAS (1-0-1)(F). An overview of the symptoms and underlying causal factors associated with the range of anxiety-based problems. A continuum of severity is presented across the normal impact of stress to severe “anxiety disorders” (panic, phobias, obsessive-compulsive, generalized, posttraumatic, and acute stress). Anxiety based problems are analyzed in terms of the interactions between behavior, affect, somatic, interpersonal and cognitive factors that operated in a cyclical fashion.