

EMGT-ENERGY MANAGEMENT

EMGT 2001 Introduction to Energy Management 1 Credit Hour

Prerequisite: Sophomore standing. Designed to give students interested in the energy industry an understanding of and appreciation for the history and dynamics of the OU Energy Management program and the energy industry, includes industry lecturers and on-site operation visits. (F, Sp)

EMGT 3113 Energy Production and Markets 3 Credit Hours

Prerequisite: Grades of C or better in ACCT 2113, B AD 1001, B C 2813, ECON 1113, ECON 1123, ECON 2843, MIS 2113, and MATH 1743 or MATH 1823 or MATH 1914; ACCT 2123 or concurrent enrollment; Energy Management majors only. Survey of the energy landscape and introduction to local, regional, national and international energy issues from a management perspective. Provides comprehensive coverage of all facets of energy production and use. Introduces students to contemporary issues shaping the industry such as deregulation and emergence of new energy markets. (F, Sp)

EMGT 3123 Introduction to Exploration and Production 3 Credit Hours

Prerequisite: Grades of C or better in ACCT 2113, B AD 1001, B C 2813, ECON 1113, ECON 1123, ECON 2843, MIS 2113, and MATH 1743 or MATH 1823 or MATH 1914; ACCT 2123 or concurrent enrollment; Energy Management majors only. Overview of hydrocarbons and world energy; exploration technology; drilling and completion methods; hydraulic fracturing; production systems; well completions and stimulation; common industry terminology and acronyms. (F, Sp)

EMGT 3440 Mentored Research Experience 3 Credit Hours

0 to 3 hours. Prerequisites: ENGL 1113 or equivalent, and permission of instructor. May be repeated; maximum credit 12 hours. For the inquisitive student to apply the scholarly processes of the discipline to a research or creative project under the mentorship of a faculty member. Student and instructor should complete an Undergraduate Research & Creative Projects (URCP) Mentoring Agreement and file it with the URCP office. Not for honors credit. (F, Sp, Su)

EMGT 3513 Sustainable Policy and Regulations 3 Credit Hours

Prerequisite: College of Business students only; Grades of C or better in ACCT 2113, B AD 1001, B C 2813, ECON 1113, ECON 1123, ECON 2843, MIS 2113, and MATH 1743 or MATH 1823 or MATH 1914; ACCT 2123 or concurrent enrollment; Departmental permission for non-business majors in the Renewable Energy Management certificate program. The course will provide a comprehensive understanding of developing law and policy for renewable energy and its effects on energy policy for the US and the world. Course work will include a comparative understanding of existing energy policy and the effects on the environment. The course will include guest speakers addressing topical work in this fast-paced area of study. (F, Sp)

EMGT 3523 Natural Gas Marketing and Power Trading 3 Credit Hours

Prerequisite: Grades of C or better in ACCT 2113, B AD 1001, B C 2813, ECON 1113, ECON 1123, ECON 2843, MIS 2113, and MATH 1743 or MATH 1823 or MATH 1914; ACCT 2123 or concurrent enrollment; Energy Management majors only; Departmental permission for non-business majors in the Renewable Energy Management certificate program. An overview of the supply & demand of natural gas and electricity markets with an introduction to risk management techniques associated with the physical and financial aspects of the commodities. (F, Sp)

EMGT 3533 Commercial Applications in Power Markets 3 Credit Hours

Prerequisite: College of Business students only; Grades of C or better in ACCT 2113, B AD 1001, B C 2813, ECON 1113, ECON 1123, ECON 2843, MIS 2113, and MATH 1743 or MATH 1823 or MATH 1914; ACCT 2123 or concurrent enrollment; Departmental permission for non-business majors in the Renewable Energy Management certificate program. The course will provide a comprehensive understanding of all commercial applications around the electricity sector. Course work will include comprehensive understanding of all aspects of energy supply and electricity demand, the US power grids, financial and physical trading, and economic deal structures for business development. The course will include guest speakers addressing topical work in this fast-paced area of study. (F, Sp)

EMGT 3603 Energy Law I 3 Credit Hours

Prerequisite: Majors only; EMGT 2001 or EMGT 3001 and L S 3323; MATH 1743 or MATH 1823 or MATH 1914; ACCT 2123 or concurrent enrollment. The format of this course has been designed to give students a fundamental understanding of the importance of law and regulation in the energy industry. The emphasis of the course will be oil and gas law and regulation. We will focus on ownership of minerals, the oil and gas lease, oil and gas contracts and certain environmental issues. (F, Sp)

EMGT 3960 Honors Reading 1-3 Credit Hours

1 to 3 hours. Prerequisite: Admission to Honors Program. May be repeated; maximum credit six hours. Consists of topics designated by the instructor in keeping with the student's major program. The topics will cover materials not usually presented in the regular courses. (F, Sp, Su)

EMGT 3970 Honors Seminar 1-3 Credit Hours

1 to 3 hours. Prerequisite: admission to Honors Program. May be repeated; maximum credit six hours. Subjects covered vary. Deals with concepts not usually treated in regular courses. (Irreg.)

EMGT 3980 Honors Research 1-3 Credit Hours

1 to 3 hours. Prerequisite: Admission to Honors Program. May be repeated; maximum credit six hours. Will provide an opportunity for the gifted Honors candidate to work at a special project in the student's field. (F, Sp, Su)

EMGT 3990 Independent Study 1-3 Credit Hours

1 to 3 hours. Prerequisite: permission of instructor and junior standing. May be repeated once with change of content. Independent study may be arranged to study a subject not available through regular course offerings. (F, Sp, Su)

EMGT 4960 Directed Readings 1-41 Credit Hours

1 to 4 hours. Prerequisite: good standing in University; permission of instructor and dean. May be repeated; maximum credit four hours. Designed for upper-division students who need opportunity to study a specific problem in greater depth than formal course content permits. (Irreg.)

EMGT 4970 Special Topics/Seminar 1-3 Credit Hours

1 to 3 hours. Prerequisite: Senior standing or permission of instructor. May be repeated; maximum credit nine hours. Special topics or seminar course for content not currently offered in regularly scheduled courses. May include library and/or laboratory research and field projects. (Irreg.)

EMGT 4990 Independent Study 1-3 Credit Hours

1 to 3 hours. Prerequisite: Senior standing and permission of instructor. May be repeated; maximum credit nine hours. Contracted independent study for a topic not currently offered in regularly scheduled courses. Independent study may include library and/or laboratory research and field projects. (Irreg.)