

**ECON 1000 Elements of Economics**

Structure and functioning of the U.S. economy. National economic goals, the market system, price determination, taxation and government spending, business cycles, fiscal and monetary policy, international trade. Understanding of current economic events and issues.
(3 cr. hrs.) (Fall, Spring).

ECON 2001 Principles of Economics- Macro

U.S. macro-economic goals, the American market system, price determination, distribution of income, government taxation and spending, national income accounting, fiscal policy, and monetary policy.
(3 cr. hrs.) (Fall, Spring). Prerequisites: MATH 1015 and eligible to enroll in ENGL 1010. Upper-level course. Meets General Education requirement in Social Sciences.

ECON 2002 Principles of Economics- Micro

Elasticity of supply and demand, utility theory, production cost analysis, profit maximization, monopoly and government regulation, labor organization, international trade and finance, economics of growth, resource depletion, and pollution.
(3 cr. hrs.) (Fall, Spring). Prerequisites: MATH 1015 and eligible to enroll in ENGL 1010. Upper-level course.

EDUC Education

Division of Social Sciences & Social Services
Faculty: Julie Dick

EDUC 1010 Foundations of Education

The aims of public education in our society; philosophical, historical, economical, political and social bases of our educational system. Current trends in education; popular myths about the teaching profession; roles, responsibilities, problems and concerns of teachers.
(3 cr. hrs.) (Fall, Spring).

EDUC 1560 Introduction to Special Education

Examines the nature of various handicapping conditions and describes education programs and strategies for serving exceptional children and adults.
(3 cr. hrs.) (ASN). One field observation is required.

EDUC 1960 Fieldwork & Seminar in Education

Entry-level field course enables pre-service teachers to work with learners in today's classroom. By interacting individually with students, pre-service teachers will observe and analyze basic patterns of teaching and learning.
(3 cr. hrs.) (Fall, Spring). Prerequisite: EDUC 1010 and EDUC 2040 with a grade of C or higher. Fieldwork (100 hours)/seminar.

EDUC 2040 Teaching in the Diverse Classroom

Intended for prospective teachers of grades Pre-K through 12, focus is on the pedagogical needs of diverse student populations. Provides a background in special education, bilingualism, multiculturalism and diversity, and explores instructional strategies appropriate to the needs of all students.
(3 cr. hrs.) (Fall, Spring). Prerequisite: EDUC 1010 or EDUC 1110.

ELEC Electrical Technology

Division of Math, Physics, Technology & Engineering Science
Faculty: Jonathan Balke, Albert Gerth

ELEC 1010 Electricity

Electrical quantities and their measurement, series and parallel DC circuits, electrical power, AC circuits, magnetism and basic instrumentation. Basic circuit analysis theorems.
(4 cr. hrs.) (Fall, Spring). Prerequisites: Be taking or have taken ENGL 1010 and MATH 1230. Lecture/laboratory. Lab fee.

ELEC 1500 Solid State Electronics

Theory of operation, design, analysis, and circuit configurations of P-N junction diode, zener diodes, bipolar transistors, FETs, and thyristors.
(4 cr. hrs.) (Spring). Prerequisite: ELEC 1010. Lecture/laboratory. Lab fee.

ELEC 1510 Digital Electronics

Digital circuits and their application. Boolean Algebra, multivibrators, DeMorgan's Theorem, Karnaugh mapping, logic circuits (TTL and CMOS) and CPLD systems. Lab work includes design of circuits utilizing integrated circuits and CPLD hardware/software.
(4 cr. hrs.) (Spring). Prerequisite: ELEC 1010. Lecture/laboratory. Lab fee.