

TECHNOLOGY EDUCATION (TED)

TED 501 TECHNOLOGY EDUCATION IN THE ELEMENTARY SCHOOL

3, 3/0

Planning, organizing, and constructing activities for the elementary school; use of a variety of materials; technology education in the elementary school; changing technological processes and their effect on society. For technology education and non-technology education majors.

TED 507 TECHNOLOGY EDUCATION FACILITY PLANNING AND MANAGEMENT

3, 3/0

Problems involved in planning new technology education facilities or remodeling of existing laboratories; concepts in relationship of objectives to facilities; space allocation, area development, and organization; service requirement; criteria for selection and placement of equipment; analyzing available equipment and writing specifications; critique of an existing technology education laboratory.

TED 521 OCCUPATIONAL AND PRACTICAL ARTS EDUCATION FOR STUDENTS WITH SPECIAL NEEDS

3, 3/0

Prerequisite: Technology education, career and technical education, or exceptional education program major or instructor permission. Nature and needs of individuals with disabilities and the disadvantaged enrolled in occupational and practical arts education; curriculum development; evaluating work potential; identifying instructional resources and teaching methods and techniques; interpreting research; identifying the function of available vocational rehabilitation and occupational and practical arts education programs.

TED 531 ELEMENTS OF MANUFACTURING TECHNOLOGY

3, 0/3

Manufacturing technology systems; management; personnel; and production.

TED 540 CAREER AWARENESS IN TECHNOLOGY FOR THE ELEMENTARY SCHOOL

3, 3/0

Current developments in career education; role of the elementary school in career education; curriculum development and correlation techniques.

TED 590 INDEPENDENT STUDY

1-3, 3/0

TED 594 WORKSHOP

1-6, 1/0

TED 594

TED 600 FOUNDATIONS IN TECHNOLOGY EDUCATION

3, 0/3

European and American antecedents of technology education; social and technological factors that make the technology education a major condition of culture; psychological and philosophical basis for teaching technology education. Required for technology education majors.

TED 615 POWER TECHNOLOGY

3, 0/3

TED 615

TED 617 ELECTRONICS

3, 3/0

TED 617

TED 618 ELECTRONICS

3, 3/0

TED 618

TED 629 DRAFTING--PROBLEMS AND TECHNIQUES

3, 3/0

TED 629

TED 630 GRAPHIC ARTS

3, 3/0

TED 630

TED 690 MASTER'S PROJECT

1-3, 3/0

Prerequisites: TED 600, BUS 601, BUS 602, and BUS 604. A study undertaken by one or more individuals on a problem of special interest submitted in acceptable form according to directions given by the Technology Department.

TED 695 MASTER'S THESIS

1-6, 0/0

Prerequisites: TED 600, BUS 601, BUS 602, and BUS 604. Individual investigation of an original problem submitted in acceptable form according to directions given by the Graduate School. Problem and procedure must be approved by the student's graduate adviser, the graduate advisory committee, and the department chair before the investigation is begun.

TED 701 SEMINAR IN TECHNOLOGY EDUCATION: WRITING AND PUBLISHING

3, 3/0

Mechanics of writing and publishing, for those with a genuine desire and ability to express ideas in written form.

TED 702 SEMINAR IN THE PHILOSOPHY OF
TECHNOLOGY EDUCATION

3, 3/0

Critical examination of technology from a historical perspective; study of prevalent views and issues relative to technology; its meaning, characteristics, and interdisciplinary scope; its relation to science and its place in education.

TED 703 SEMINAR IN THE DEVELOPMENT OF
INSTRUCTIONAL MATERIALS

3, 3/0

An opportunity to maximize the effectiveness of the instructional program and its resultant benefits, for those with a genuine desire to develop and organize teaching materials.

TED 705 CAREER EXPLORATION IN TECHNOLOGY
FOR THE MIDDLE SCHOOL

3, 0/0

Student-teacher planning in career education for the middle school: curriculum development articulation methodology; developing instructional units of study for computer-based resource units.

TED 706 CAREER EXPLORATION IN TECHNOLOGY
FOR THE SECONDARY SCHOOL

3, 3/0

The evolution and potentiality of career education for adolescents; opportunities for participants to develop occupational cluster information banks, including instructional objectives, content, media, learning activities, and evaluation devices.

TED 721 THESIS/PROJECT CONTINUATION

0, 0/0

TED 722 THESIS/PROJECT EXTENDED

0, 0/0