

TECHNOLOGY EDUCATION (TE)

TE 500 SEMINAR/WORKSHOP (3 Hours)

) Designed for offering courses on subjects which are current and important to industrial education.

TE 501 CUR LITERATURE AND RESEARCH (3 Hours)

Identification, analysis, and discussion of the periodicals, topical books, major issues, and research in the field of industrial education.

TE 504 LAB PLANNING AND MANAGEMENT (3 Hours)

Designing various industrial education laboratories and facilities. Includes attention to purpose, recommended sizes and other specifications.

TE 505 HISTORY AND PHILOSOPHY (3 Hours)

Factors involved in developing the trends and leaders in industrial and vocational education. Analysis of objectives, current concepts, practices and anticipated policies in industrial education.

TE 511 TECHNICAL EDUCATION (3 Hours)

Emphasis on trends, community surveys, curricula, definitions, and needs of post-secondary technical education programs.

TE 512 ADMINISTRATION & FUNDING (3 Hours)

Identifying current legislation and funding practices concerning industrial education. Function and relationship of directors, supervisors and instructors in all fields of industrial education.

TE 513 INSTRUCTIONAL AIDS (3 Hours)

Studying the many instructional aids available for teaching industrial subjects. The course includes instruction in the common audio-visual aids but also making models, cutaways and other industrial teaching aids.

TE 515 CAREER EDUCATION (3 Hours)

Current career education programs and their relationship to industrial education. Emphasis on integrating career education goals in industrial education with attention to the goals of each field.

TE 516 CURRICULUM DEVELOPMENT (3 Hours)

Principles and techniques of designing and writing industrial education curricula. Attention will be given to goals, behavioral objectives, designing programs to meet objectives and evaluating results.

TE 521 PROBLMS IN ELE/ELECTRONICS (3 Hours)

Opportunity to study problems related to the area of electricity/electronics. Problems based on needs of students with approval of the advisor and the Dean of the School.

TE 522 PROBLEMS IN DRAFTING (3 Hours)

Opportunity to study problems related to the area of drafting. Problems based on needs of students with approval of the Dean of the School and his advisor.

TE 599 INDEPENDENT RESEARCH (1-3 Hours)

TE 601 Selection and Organization of Subject Matter (3 Hours)

Analysis and selection of materials for junior and senior high school, and also, adult industrial technical education.

TE 602 EVALUATION OF PROGRAMS (3 Hours)

Evaluation principles and practices in the specialized areas of industrial arts, technical and industrial education.

TE 621 COORDINATION IN OCCUP TRNG PRO (3 Hours)

Analysis of objectives and scope of trade and industrial cooperative education program, apprenticeship, and general education work experiences.