Technology

TECH 4813. Operations Systems Research Quantitative techniques for decision making, break even analysis, economic models, gaussian distributions, inventory control, production models, and mathematical programming.

TECH 4823. Quality Assurance The principles and practices of quality in manufactured products. Familiarization with industrial methods and equipment used in quality assessment. Basic topics include histograms, Pareto diagrams, control charts, acceptance sampling, process capability, cause and effect diagrams, reliability, visual inspection, and the relationship between quality and cost.

TECH 4853 Lean 6 Sigma for Manufacturing Principles of Lean Manufacturing including strategies to eliminate waste and reduce cost, and continuous quality improvement using the principle of Six Sigma; advanced quality assurance terminology and application of statistical practices in manufacturing management.

RET 3113. Fundamentals and Applications of Renewable Energy Fundamental principles and applications related to biofuels, wind, solar, hydrogen and other emerging alternative energy technologies along with their applications.

TECH 3863. Industrial Safety An introduction of the basic concepts of safety and health. Topics include the role of the safety professional, social, legislative, and regulatory requirements as well as the concepts of hazard recognition, evaluation, and control.

TECH 3773. Statistics Basic concepts and methods of statistics in a technical environment, including descriptive statistics, significant tests, estimation, sampling, and correlation. Demand

Communications

RTV 3003. Reporting for the Electronic Media Gathering, writing, and reporting news and features for the electronic media, including radio and television, cable, and the Internet.


RTV 3363. Communications Research Study and use of research tools and theories available for mass communications problem solving. Emphasis will be on library research, theory approaches, and applied research as applied to the media.

SCOM 4243. Interpersonal Communication Emphasis on increasing students capacity for openness, sensitivity, and objective appraisal
SCOM 4373. Conflict Resolution Conflict as a communication variable created through interpersonal interaction in dyads, small groups, families, and organizations.

SCOM 4383. Computer Mediated Communication This course considers how identities, relationships and communities are created and influenced by our use of computers and the internet. We will gain understanding of these processes by engaging new media scholarship and activities involving different forms of new media.

Criminology

CRIM 3263. Criminology Sociological patterns of crime and criminals, with emphasis on causes, effects, and prevention.


CRIM 3183. Institutional Corrections An examination of the context, structure, and dynamics of local, state, and federal criminal confinement facilities.

or

CRIM 3193. Community Corrections An examination of non-institutional correctional agencies and techniques including probation, parole, diversion, pretrial release, community service, restitution, halfway house, and similar programs.

CRIM 3223. Police and Society Explores the relationship of the police to courts, probation, community corrections, institutional corrections, and parole. Also explores the relationship between police and other social institutions and the philosophy of police as an agent of social control.

POSC 3083. Criminal Law and the Constitution PUBLIC LAW. An examination of state and federal police powers and how they are regulated by the Constitution and statutes.

CRIM 4103. Criminal Justice Systems General functions of the individual agencies and the duties and responsibilities of the individuals who perform these functions

Disaster Preparedness

DPEM 4503. Principles of Disaster Preparedness An all hazards approach is utilized to identify legal and ethical issues, cultural, political and religious issues, collective behaviors and group panic, role of the media, effective communication, and identification of resources for persons engaged in disaster and emergency preparedness.
SW 4363. Religion and Spirituality in Social Work Practice An examination of religious and spiritual beliefs in psychosocial development, the family, social policy, community and society.

DPEM 4513. Physical Care of CBRNE Injuries Elucidates recognition, treatment and containment of Category A biological agents, chemical agents and radiologic incidents. Content discussion will include advanced principles of disaster management, worker safety, advanced triage, disaster effects on special populations, laboratory analysis and expanded mental health response.

DPEM 4523. Risk Identification and Prevention Identifies actions communities, institutions and governments must take to identify the risk and prevent injury from man made and natural disasters, including acts of terrorism. Course topics include risk assessment, mitigation, surveillance, disaster epidemiology, emerging infections and socio political implications

DPEM 4533. Disaster Mental Health Identifies evolving evidence related to the impact of disaster and mass violence on mental health. Considers natural and manmade disasters, short and long term effects and common treatment strategies.

DPEM 4553. Capstone in Homeland Security & Disaster Preparedness Application of skills and knowledge gained in the minor to the analysis of a specific need or problem and the design of solutions.

Health

HLTH 2513, Principles of Personal Health Principles, problems, and practices in the development of positive health behavior.

HLTH 3523, Public & Community Health Examination of public and community health problems, their causes, and possible solutions from a local, state, national, and international perspective. Roles of the individual and the community, and functions of the various agencies involved with health related issues will also be studied.

HLTH 4543, Drug Use and Abuse An exploration of the physical, mental, emotional, and social aspects of drug use and abuse. Special attention will be focused on proper use of drugs within contemporary society.

HLTH 2523, First Aid and Safety Fundamentals, techniques, and practices of Standard First Aid and CPR as prescribed by the National Safety Council. Emphasis on programs of accident prevention in schools, homes, recreational areas, traffic safety

HLTH 4523, Current Issues in Health Current issues and trends in personal, public, and international health with stress on individual research and readings.
HLTH 4513 Consumer Health, An analysis of the health services and health products offered in the market place and study of principles involved in making wise consumer health choices.

Physical Education

PE 4843 Philosophy & Ethics in Sport, An exploration of major issues, ethical theories, moral reasoning and their impact on the operation of programs in sport, physical education, fitness, athletics, and recreation.

PE 4753 Physical Education Curriculum, The course is designed to prepare prospective teachers to develop, implement, and assess the curricula within physical education.

PE 4783 Organization and Administration of Physical Education, Problems relating to the planning and management of physical education programs in the public school.

PE 3813 Concepts of Athletic Training, A course designed for physical educators, coaches and students interested in the care of sports related injuries.

PE 480V Special Topic--Baseball Coaching and Conditioning,

PE 3893 Sport in Society, An overview of the impact and significance of play and sports as a social institution.