

SAFETY EDUCATION (SFED)

SFED 299 – Independent Studies in Safety 1-3 credit hours

There are many opportunities for independent study in the safety area. These opportunities could benefit UNK, the community, the Nebraska Safety Center and most important the student engaging in the independent study. Examples of independent studies include consumer product safety regulations, OSHA and traffic safety. This course would benefit the comparative novice in safety.

Department Consent Required

Total Credits Allowed: 3.00

SFED 310 – Driving Task Analysis 3 credit hours

This course gives an introduction to the content of driver education and driver improvement for the driver education instructor. This course provides the basis for the classroom and BTW instruction.

SFED 335 – General Safety Education 3 credit hours

This course includes a study of the philosophy of safety and safety education, the use of accident data, and the causes of accidents. Areas emphasized are: traffic, home, occupations, farm and recreational.

Disaster readiness and fire prevention are included.

SFED 420 – Teaching Safety in Elementary Schools 3 credit hours

Designed to provide elementary teachers and safety education students with information, methods, techniques, and skills necessary to integrate school safety programs with core elementary classroom subjects and activities.

SFED 425 – Ergonomics 3 credit hours

This course will introduce the study of ergonomics in the workplace, human variability, human/machine interfacing, human factors in designing equipment and work station layout. Federal and state regulations and guidelines will be examined.

SFED 430 – Developing Driver Education Classroom Skills 3 credit hours

A study of the automobile and its impact on American society. Topics include: accident prevention, materials and methods used in the classroom, effects of alcohol and drugs, and psychological and sociological factors. Required for teaching driver education. Driver's license is required.

SFED 431 – Developing Driver Education Vehicle Skills 3 credit hours

Effective principles, methods, techniques and materials for use in organizing safety programs, including the teaching and administration of high school driver education. Students are given the opportunity to acquire, through supervised teaching experience, competence in developing and teaching skills and techniques, as well as transferring driver knowledge, driving skills and inspiring satisfactory driving attitudes in students.

SFED 435 – Occupation Safety/Health 3 credit hours

The study of safety and health administration, accident prevention, and the control of health hazards as related to occupations. Includes a study of current safety and health requirements. Suitable for industrial education teachers and managers in industry.

SFED 438 – Teaching the Use of the Multiple Vehicle Range 1 credit hour

Provides the student with basic and advanced techniques and methods in teaching the use of the multiple vehicle range facility and programs.

SFED 439 – Teaching Simulator Instruction 1 credit hour

Students will analyze curriculum, design instructional materials, and develop techniques for teaching with driver simulators.

SFED 440 – Competency-Based Curriculum in Traffic Safety 3 credit hours

This course will prepare driver education teachers to efficiently teach competency-based driver education courses that follow the guidelines outlined by the Nebraska Department of Education.

SFED 450 – Driver Performance Measurement 3 credit hours

This course teaches principles designed to develop and administer a valid and reliable road test.

SFED 460 – Organization and Administration of Safety Programs 1 credit hour

This course examines the organizational and administrative, theory, structure, and practices of safety programs. Students will evaluate, plan, and develop a safety program.

Corequisite: SFED 461 or SFED 462.

SFED 461 – Supervision of Industrial Safety 2 credit hours

This course examines the supervisory theory, structure, and practices of safety programs in general industry. Students will complete the OSHA 30 hour General Industry certification.

Corequisite: SFED 460.

SFED 462 – Supervision of Construction Safety Programs 2 credit hours

This course examines the organizational and administrative, theory, structure, and practices of safety programs in the construction industry. Students will complete the OSHA 30 hour Construction Industry certification.

Corequisite: SFED 460.

Additional Course Fee Required

SFED 472 – Fire Prevention, Protection and Control 3 credit hours

This is an introductory fire science course. The student will be provided an overview of fire science and loss prevention. This would include the equipment and techniques available to detect and suppress fires, recognition of hazards, and fire countermeasures.

SFED 477 – Accident/Incident Investigation and Analysis 3 credit hours

This course provides the student with knowledge into the accident and incidents investigation methods, procedures, and techniques used for prevention of future problems.

SFED 478 – Behavior Based Safety Systems 3 credit hours

Students in this course will explore the human dynamics of safety operations within the work environment and examine how tasks can be managed to significantly improve safety performance. Human practices are identified which create safety risks and analytical resolutions of those risks are determined.

SFED 496 – Advanced Safety Program in Driver and Traffic Safety Education 1-3 credit hours

Designed to help teachers become better acquainted with the problems and techniques of teaching driver and traffic safety education.

Total Credits Allowed: 3.00

SFED 498 – Special Topics in Safety 3 credit hours

Selected topics and problems of current interest considered in depth. The course format will vary depending upon the topic, the instructor, and student needs. Topics vary based upon current industry issues.

SFED 499 – Individual Research in Safety 1-3 credit hours

Total Credits Allowed: 3.00

Prerequisite: 9 credit hours of SFED courses or permission