LSU EUNICE

Fire & Emergency Services

LSU Eunice is the home of Louisiana’s statewide fire and emergency services (FES) degree program. Defined by Louisiana’s Board of Regents (BOR) as a “unique program,” the LSU Eunice degree is included on the BOR’s “Electronic Campus” and the Southern Regional Educational Board’s (SREB) “Common Market.”

In 2004, the FES program became the first academic program in Louisiana to offer an articulation agreement specific for the fire and emergency services, known as the Super Articulation Agreement. FES also became one of the first programs in the nation, and the first in Louisiana, to offer its core constituency a U.S. Fire Administration (USFA) Fire and Emergency Services Higher Education Consortium (FESHE).

PROFESSIONAL EDUCATION

More program modifications were made in 2010 to address the professional-level standards and other forms of professional certifications and licensure. The aim of the FES degree is to prepare people for forward-looking supervisory/managerial and leadership responsibility and for third-party professional certifications. The degree targets the professional needs of fire, haz/mat, EMS, disaster and emergency management, homeland security, crime scene management, fire prevention, and arson investigation, law enforcement, etc.

• Fire and emergency services education is a highly refined learning process that enhances critical thinking, problem-solving, and effective decision-making and that teaches individuals to conduct research and evaluation and to weigh input from different sources to make informed and responsible decisions.

• Training provides students with practical applications that give them the “ability to do the rote work,” using skill- or competency-based approaches.

• An industry association defines “professional development” as “the planned, progressive life-long process of education, training, self-development, and experience.”

ASSOCIATE DEGREE IN FIRE & EMERGENCY SERVICES

The degree of associate in applied science: fire and emergency services is a two-year program comprised of sixty credit hours. A limited number of credit hours may be accrued for experiential learning, under the privilege-based Super Articulation Agreement.

Learn about the agreement and approved training certificates at www.lsue.edu/fes. Students may enter the degree program “provisionally” by completing the application for admission without taking an ACT examination, and they may remain in the program as long as their G.P.A. is 2.0 or above.

Residence requirements may be waived for in-service, i.e. working majors, provided a minimum of thirty semester hours of work is completed in residence or on-line at LSUE, twenty-one of which must be in the field of fire and emergency services. All students must be enrolled at LSU Eunice during the semester in which they fulfill their degree, technical concentration area (TCA), certificate of technical studies (CTS), certificate of applied science (CAS), or technical diploma (TD) requirements.

ONLINE DEGREE

LSU Eunice is a part of the Center for Adult Learners in Louisiana (CALL) initiative making it easier for adults to either begin or complete a postsecondary education through online degree programs, accelerated learning formats, and prior learning assessment. Students participating in CALL at LSUE can take a variety of general education and specific courses as part of the associate degree program in fire and emergency services. The courses and degree are delivered entirely online. For more information on CALL students can visit the CALL website at www.yourCALLla.org or call 337-550-1345.

CONCENTRATION AREAS FOR THE ASSOCIATE DEGREE

Each concentration area requires twenty-one credits to complete. Each student must choose a primary concentration area upon entering the degree program.

Emergency Services Technology focuses on emerging technologies. Students can customize a professional development program to meet emerging trends and technological changes within their career field(s).

Fire Service Technology focuses on fire and emergency services professional development. It incorporates and exceeds the USFA/FESHE “national core curriculum” requirements and is used by FESHE influenced fire and emergency services organizations that have adopted or will adopt education as a significant determinant for job promotions.

Safety and Environmental Compliance Technology is a highly structured program designed to meet nationally recognized educational standards for anyone who practices quality-based safety, health, and environmental management in the service areas of medical, education, hospitality, manufacturing, chemical, petro-chemical, government, disaster and emergency management.

TECHNICAL COMPETENCY AREAS, CERTIFICATES OF TECHNICAL STUDIES, AND TECHNICAL DIPLOMAS

New curricula offer students a means to gain recognition for completing a series of technical courses without taking general college classes like English or mathematics. Students can complete 15 credits of classes in a Technical Competency Areas or TCA. Credits from TCAs may be applied toward a Certificates of Technical Studies or CTS. The CTS credits may be then applied toward a Technical Diploma. Credits earned in a TCA, CTS, or Technical Diploma may also be applied toward certificates in applied science or associate degrees.

The TCA in Hazardous Materials/Evidence Technology

Responsibilities of the hazardous materials evidence technician include identifying, removing, packaging, transporting, and disposing of various hazardous materials, such as asbestos, lead, biological, chemical, radioactive and nuclear materials. These materials can be from a terrorist attack, criminal activity, or public or industrial accident.

The TCA in Arson Investigation/Evidence Technology

The arson investigation/evidence technician secures, documents, and investigates all fire scenes for evidence of arson. The technician is also responsible for the transportation and proper storage of all fire evidence.
The TCA in Criminal Justice/Evidence Technology. The criminal justice/evidence technician is usually a police officer who specializes in such diverse fields as chemical and microscopic analysis, handwriting and fingerprint identification, or crime scene processing. Evidence technicians help secure, document, process, and transport evidence while keeping meticulous records of the chain of evidence.

The TCA in Investigative Management/Evidence Technology. The TCA in investigative management/evidence technology allows the student to customize their TCA by allowing three of the five required courses to be chosen with the students' advisor. This offers a hybrid program offering to combine different disciplines into one.

Certificate of Technical Studies in Evidence Recovery Technology will allow students to complete any one of the four Technical Competency Areas and take courses that will give them professional expertise in collecting and processing a variety of evidence including photographs of the scene, physical evidence, fingerprints, other impressions left at the scene, and biological evidence.

The Technical Diploma in Crime Scene Management provides students with technical knowledge in crime scene management combined with Criminal Justice courses in interviewing, offering testimony and writing reports.

The Environmental and Safety Compliance Technical Competency Area assembles the elements of Health, Safety, and Environmental (HSE) science, management, regulations and law, hazard recognition, monitoring, and emergency response into a cohesive package for educational and skill development of personnel who want to acquire a broad knowledge of HSE theory, principles, practices, and future trends.

The Certificate in Technical Studies (CTS) in Environmental Health and Safety Technology is designed to provide the student with opportunities to gain knowledge and skills to help organizations comply with current OSHA and EPA regulations. The curriculum allows the student to anticipate, recognize, evaluate and control industrial health hazards. After fully completing one TCA, students may enter the Environmental and Safety Technology CTS program. The thirty-three credit hour program provides students the opportunity to engage in limited research and apply “critical thinking skills” to be able to produce a regulatory-accurate loss control manual, using a provided template.

The Technical Diploma in Quality Environmental Health and Safety Leadership provides students with technical knowledge combined with an education in leadership and management. Students may enter the technical diploma after completing the CTS program in Environmental Health and Safety Technology.

The TCA in Homeland Security is designed for fire, police, EMT’s and emergency services workers who need training in homeland security and emergency management.

The Certificate in Technical Studies in Homeland Security and Emergency Management is an interactive program that will allow participants to explore case studies while gaining practical experience that allow the student to focus on HSEM program management program design and development, program evaluation models, improvement planning and employee training.

Certificate in Applied Science: Fire Science Technology is a one-year program designed to prepare persons for the occupation of firefighter or for work in related fields, such as fire insurance, safety engineering or fire equipment sales. The program offers general education and a broad scope of courses in fire science for those individuals seeking professional development as well as for those serving industry in various fire protection areas. It will also introduce the student wishing to enter a fire fighting career to the fire protection field.

Certificate in Applied Science: Arson Investigation is a one-year program designed to prepare persons for the occupation of arson investigator in fire or police departments; insurance companies; manufacturing, processing, or refining industries; and security organizations. The program offers general education and a broad scope of courses in criminal justice, fire science, and forensic science for those persons employed in loss prevention, security, and fire protection areas. It will also prepare students wishing to enter a career in these rapidly expanding fields.

FIRE & EMERGENCY SERVICES CURRICULUM

Be sure to check with your faculty advisor to get the latest information on the curriculum.

FIRST YEAR - 30 Hours

- English 1001 3
- English 1002 3
- Mathematics 1021 3
- Forensic Science 2200 or Information Decision Sciences 2100 3
- Forensic Science 1102 or Forensic Science 2233 3
- General Education/Humanities Elective 3
- Fire Science 1001 or Fire Science 1002 3
- General Elective 3

SECOND YEAR - 30 Hours

- General Education/ Natural science elective 3
- General Education/Social science elective 3
- General Education Elective 3
- Fire Science 2054, 2830, or Management 2260 3
- Fire Science 1062 or 2152 3
- Forensic Science 1101 or Natural/physical science elective 3
- Area of concentration courses 9

AREAS OF CONCENTRATION

- Emergency Services Technology (21 credits): Approved Electives (18 cr.), General Elective (3).
- Fire Service Technology (21 credits): Fire Science 2510 (3cr.), Fire Science 2502 (3), Fire Science 2155 (3), Fire Science 2151 (3cr.), Fire Science 1192 or 2210 (3), Fire Science 2153 or Approved Fire Science or Forensic Science Elective (3), General Elective (3).

Additional Information: (337) 550-1404 • 1-888-FOR-LSUE ext. 404 • http://www.lsue.edu/fes

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