COLLEGE OF EDUCATION

Kinesiology and Physical Education

New Course: 2021-2022 CEDU21.22.10.01

CIP Code: 31.0508

LESM 462 – Name, Image and Likeness in College Athletics

Application and overview related to name, image, and likeness (NIL) within college athletics. Topics include various aspects of NIL policies and bylaws, professional opportunities, and current and future industry trends.

Credits: 3

RATIONALE:
With the recent changes and implementation of name, image, and likeness (NIL) legislation within the college athletics (as well as other policy / bylaw changes), there is a need for a greater understanding of these issues within this sector of the sports industry. Additionally, professional opportunities are becoming more prevalent (22-26% "much faster than average" growth as indicated by the US Bureau of Labor Statistics). This course will introduce students to some of these opportunities and potentially give them a competitive advantage when entering the job market.

DUPLICATION OF CONTENT:
Since this is a department-specific course, no duplication exists.

New Course: 2021-2022 CEDU21.22.10.02

CIP Code: 31.0508

LESM 463– Student-Athlete Development and Programming

Theory and application related to college student-athlete development and programming. An overview of college student development models. Other course aspects include: application of the student-athlete experience, challenges facing college student-athletes, and the design and implementation of student-athlete programs. PRQ: junior standing or consent of department.

Credits: 3

RATIONALE:

Currently, intercollegiate athletics is a multibillion-dollar business. As a result, professional opportunities are becoming more prevalent (in addition to the number of current students seeking graduate assistant opportunities after graduation). This course will afford students additional insights into the current trends and issues in intercollegiate athletics. Coursework would align well for students interested in pursuing a career in this sector of the sporting industry.

DUPLICATION OF CONTENT:
Since this is a department-specific course, no duplication exists.

COLLEGE OF ENGINEERING AND ENGINEERING TECHNOLOGY

Other Catalog Change CEET21.22.AUDIT.03 2021-22 Undergraduate Catalog Link

Mission
~~The mission of the Department of Engineering Technology is to offer engaged learning programs that promote strong partnerships with industry and foster a synergetic, interactive relationship between faculty and students. The Department of Engineering Technology is committed to provide our students with an industry-focused technical education that emphasizes theoretical and applications-oriented approaches to problem-solving. The departmental faculty will strive to provide technical programs which allow our students to excel in current and future industrial settings.~~
The mission of the Department of Engineering Technology is to offer engaged learning programs that promote strong partnerships with industry and foster a cooperative relationship between faculty and students. The Department of Engineering Technology at NIU is committed to providing our students with an industry-focused technical education that emphasizes strong theoretical and applications-oriented approaches to problem solving and to engage in life-long learning, and adapt to emerging technologies. The departmental faculty will also engage in professional activities that add value to the university and the community at large.
↓
Vision
↓
Program Educational Objectives
As a statement of the career and professional accomplishments that the Department of Engineering Technology is preparing its graduates to achieve, we have adopted the following Program Educational Objectives, in consultation with our alumni, Industrial Advisory Boards, and other program stake holders~~:~~.

Upon completion of the baccalaureate degree, Department of Engineering Technology graduates will

- Apply scientific, mathematical, and engineering principles to analyze, develop, and implement systems.
- Communicate effectively and work cohesively on team-based projects.
- Apply technical knowledge demanded by today's innovation driven industrial workplace.
- Understand the need for continued professional development to enhance technical and professional skills.

- Develop applied solutions that meet ethical, cultural, and environmental needs of society.

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~~Program~~Student Outcomes

The department's undergraduate program is designed to provide graduates with:

~~A. An ability to select and apply the knowledge, techniques, skills, and modern tools of the discipline to broadly-defined engineering technology activities~~

~~B. An ability to select and apply a knowledge of mathematics, science, engineering, and technology to engineering technology problems that require the application of principles and applied procedures or methodologies~~

~~C. An ability to conduct standard tests and measurements; to conduct, analyze, and interpret experiments; and to apply experimental results to improve processes~~

~~D. An ability to design systems, components, or processes for broadly-defined engineering technology problems appropriate to program educational objectives~~

~~E. An ability to function effectively as a member or leader on a technical team~~

~~F. An ability to identify, analyze, and solve broadly-defined engineering technology problems~~

~~G. An ability to apply written, oral, and graphical communication in both technical and non-technical environments; and an ability to identify and use appropriate technical literature~~

~~H. An understanding of the need for and an ability to engage in self-directed continuing professional development~~

~~I. An understanding of and a commitment to address professional and ethical responsibilities including a respect for diversity~~

~~J. A knowledge of the impact of engineering technology solutions in a societal and global context~~

~~K. A commitment to quality, timeliness, and continuous improvement~~

(1) An ability to apply knowledge, techniques, skills and modern tools of mathematics, science, engineering, and technology to solve well-defined engineering problems appropriate to the discipline.

(2) An ability to design solutions for well-defined technical problems and assist with the engineering design of systems, components, or processes appropriate to the discipline.

(3) An ability to apply written, oral, and graphical communication in well-defined technical and non-technical environments; and an ability to identify and use appropriate technical literature.

(4) An ability to conduct standard tests, measurements, and experiments and to analyze and interpret the results.

(5) An ability to function effectively as a member of a technical team.

Rationale:

The missions and program outcomes, were recently reevaluated and updated by the department. There were changes in the department faculty. These changes need to be reflected in the catalog.

Other Catalog Change:

Homeland Security (18-21)

Certificate of Undergraduate Study

This certificate offers a set of courses designed to enhance students' knowledge of several aspects of homeland security including origins of terrorism; disaster preparation; disaster response, recovery, and follow-up. The certificate prepares students to develop and implement systems for homeland security planning and management at the local, state, and federal levels. They will be able to identify hazards due to human-made and natural disasters; advise public and private organizations of best-practice risk management preparation, response, and recovery strategies; and use appropriate technologies. They will have an understanding of the conditions that may lead to terrorist activity as well as how to prepare for and deal with human-made and natural disasters.

The certificate of undergraduate study in homeland security is open to all students admitted to NIU. Students must maintain good academic standing, achieve a minimum grade of C in each course applied toward the certificate, and complete all certificate work within a period of six calendar years. All course requirements for the certificate must be completed at NIU. Some courses may have prerequisites that are not part of the certificate curriculum. Students are strongly encouraged to complete the core courses early in the certificate curriculum. Students pursuing the certificate of undergraduate studies in homeland security should meet with the certificate coordinator early in their career.

Emergency Management and Response Track (12)

Coordinator: Theodore Hogan, Department of Technology

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Four of the following (12)

- Elective course chosen with approval of certificate coordinator (3-6)
- CSCI 350 - Computer Security Basics Credits: 3
- ISYE 475 - Decision Analysis for Engineering Credits: 3
- TECH 231 - Introduction to Workplace Health and Safety Credits: 3
- TECH 433 - Chemical Hazards in Industry Credits: 3
- TECH 436 - Design and Administration of Environmental Health and Safety Programs Credits: 3
- TECH 437 - Fundamentals of Industrial Hygiene Credits: 3
- TECH 440 - Monitoring and Evaluating Exposures to Hazardous Materials Credits: 3
- TECH 441 - Hazard Control in Industrial Operations Credits: 3
- ~~TECH 482 - Industrial Safety Engineering Analysis Credits: 3~~
- TECH 485 - Risk Management Credits: 3

Rationale:

TECH is being deleted. Course material covered is at a graduate student only level. Therefore, the undergrad version of the course is being removed. No other departments are affected.