

SCHOOL OF EDUCATIONAL FOUNDATIONS, LEADERSHIP AND AVIATION

Chad Depperschmidt, EdD—Associate Professor and School Head

The School of Educational Foundations, Leadership, and Aviation (SEFLA) offers degrees, options or certificates in the following areas: aviation and space; school administration; educational psychology; educational technology; school library media, online teaching; higher education; college student development; research, evaluation, measurement and statistics; and social foundations. These programs conduct scholarly inquiry and educate professionals in areas foundational to thought and practice in a wide variety of professional roles associated with business and educational and industry settings. Consistent with the goals of OSU's Professional Education Council's Core Concepts and Goals Statement, the faculty strives to demonstrate and perpetuate teaching that is based on theory and research-driven educational practices.

We provide specialized training at the undergraduate and graduate levels yet permit flexibility to enable students to meet individualized goals. General information about undergraduate degrees is offered under the "University Academic Regulations" section of the Catalog. General information about graduate degrees may be found in the "Master's Degree," "Certificates," "Doctor of Education," or "Doctor of Philosophy" areas of the "Graduate College" section of the Catalog.

Course Prefixes

Course prefixes in SEFLA include AVED (Aviation Education); EDLE (Educational Leadership - School Administration); EDTC (Educational Technology); EPSY (Educational Psychology); LBSC (Library Science); REMS (Research, Educational Measurements and Statistics); HESA (Higher Education and Student Affairs); SCFD (Social Foundations); and WAED (Workforce and Adult Education).

Aviation and Space Program

Jon Loffi, EdD—Professor and Program Coordinator for Undergraduate Studies (Stillwater)

Timm Bliss, EdD—Professor and Program Coordinator for Graduate Studies

The Aviation and Space Program prepares students for careers in the aerospace industry. The BS in Aerospace Administration and Operations degree program offers four options: Professional Pilot, Aviation Management, Technical Services Management, and Aerospace Security.

The *Professional Pilot* option prepares students for careers in flight operations in both the general aviation and the air carrier segments of the aviation industry. In addition to high quality aviation-related coursework, the student will attain FAA certifications for Private Pilot, Commercial Pilot-Instrument Rated for both single-engine and multi-engine aircraft and Certified Flight Instructor. The Professional Pilot option is compliant with Title 14 CFR of the Code of Federal Regulations Part 141.

The *Aviation Management* option prepares students for management positions in the aerospace industry. Employment opportunities include positions with fixed-base operators, air carriers, corporate flight departments, commuter and air taxi operations and a variety of career

areas associated with airport operations, manufacturing, maintenance and government aviation and aerospace organizations.

The *Technical Services Management* option builds on an individual's technical experience in aircraft maintenance or avionics to prepare the students for management positions in all segments of the industry. Twenty-five hours of technical training may be credited toward this option if received from an accredited institution.

The *Aerospace Security* option prepares students for careers in homeland defense and aerospace security fields. Employment opportunities include law enforcement, governmental agencies, airports, and private industry that deal with aerospace security operations.

The *Aviation and Space Program* has an extensive industry-based management internship program established with aerospace industries, major and regional air carriers and a variety of other companies within the aerospace industry.

The AVED Program is also an institutional member of University Aviation Association (UAA). AVED website (<https://education.okstate.edu/aado/>)

Educational Leadership

Katherine Curry, EdD—Professor and Program Coordinator (School Administration)

Educational leadership emphasizes the important role of leadership in all areas of education including PK-12 schools and workforce development. The PhD in Educational Leadership and Policy Studies is offered with an option in Educational Administration; the Doctorate in Education (EdD) is offered in School Administration; and the Education Specialist (EdS) in Education has an option in School Administration. The Master of Science degree is offered with an option in School Administration (a 36-hour program designed for those who aspire to the principalship) and an option in Workforce and Adult Education. Students holding a related masters degree and teacher certification may add on principal certification through coursework and institutional recommendation. The program also offers graduate certificate programs in district level leadership, building level leadership, and workforce and adult education. These certificates incorporate courses that partially fulfill superintendent and principal state licensure requirements. Admissions to the graduate programs in Educational Leadership are competitive and based on multiple factors. EDLE website

Learning, Design, and Technology

Penny Thompson, PhD—Professor and Program Coordinator

The mission of Oklahoma State University's Learning, Design, and Technology program is to facilitate the growth of scholars and educational technology professionals through rigorous programs of study that provide exceptional hands-on, collaborative, and innovative learning, research and service experiences and are highly regarded at the international, national, state and university levels. The program website, edtech.okstate.edu (<http://edtech.okstate.edu/>), offers greater detail. Programs/certifications include: MS in Educational Technology with options in Educational Technology and School Library Media, PhD in Education with an option in Educational Technology, Graduate Certificate in Online Teaching, and Certification in School Library Media. This program is also home to the Emerging Technologies and Creativity Research Lab (<https://edtech.okstate.edu/techplayground/>). EDTC website (<http://edtech.okstate.edu>)

Educational Psychology

Mike Yough, PhD—Professor and Program Coordinator

Educational Psychology is the study of human learning, development, and motivation in educational settings. Educational psychologists are concerned with understanding how environments are structured to promote cognitive, personal and social development broadly as well as learning motivation. The role of Educational Psychology is to bring together theory and research from psychology and related disciplines in order to facilitate healthy human development and effective learning and teaching. Our PhD program is designed to prepare graduates to teach in college or university settings, public education, and/or to do research in university, business, and government settings. The MS program is designed to help students develop the capabilities, knowledge, skills and competencies that prepare them as effective professionals or attractive PhD program applicants. EPSY website (<https://education.okstate.edu/epsy/>)

Research, Evaluation, Measurement and Statistics

Jam Khojasteh, PhD—Professor and Program Coordinator

The Research, Evaluation, Measurement and Statistics program (see website) offers the MS and PhD degrees as options under the MS in Educational Psychology and the PhD in Educational Psychology as well as three graduate certificates: 1) Program Evaluation, 2) Educational & Psychological Measurement, and 3) Statistical Methods & Analysis in Education & Behavioral Sciences. The MS program prepares students to function as staff members in research and evaluation units in school districts, governmental agencies, and private corporations and foundations. Graduates of the doctoral program are prepared to serve as college or university professors, directors of research and evaluation for public schools and universities, researchers for funded projects, state department of education consultants, and professional employees for test publishers and local, state and federal government agencies. This program is also home to the Center for Educational Research and Evaluation (<https://education.okstate.edu/cere/>). REMS website (<https://education.okstate.edu/remis/>)

Higher Education and Student Affairs

Tami L. Moore, PhD—Associate Professor and Program Coordinator

The Higher Education and Student Affairs (HESA) program features two academic degrees. These include the PhD in Educational Leadership and Policy Studies, with an option in Higher Education and the MS in Educational Leadership Studies with options in Higher Education and College Student Development. The PhD is a research-based degree that prepares individuals for leadership as faculty, administrators, or policy analysts. In addition, two coursework tracks are available to complete the Master of Science degree. The MS degree prepare individuals for leadership positions in postsecondary and higher education environments. Admission to HESA graduate programs is competitive and based on multiple considerations. HESA website (<https://education.okstate.edu/hesa/>)

Social Foundations

Guoping Zhao, PhD—Professor and Program Coordinator

Social foundations of education is an interdisciplinary study of schooling and other forms of education. Ever since it began during the 1930s at

Teachers College of Columbia University, social foundations has brought together scholars who situate education in historical, philosophical, economic and social contexts. Using the tools of the humanities and the social sciences, social foundations scholars ask perennial questions, such as: What is the purpose of schooling in a democracy? What knowledge and values should be taught and to whose benefit? How are issues of race, ethnicity, social class, gender and ability manifested in schools?

Drawing from history, philosophy, sociology, anthropology, international studies and other disciplines to teach their courses, faculty in the social foundations program area ask that educators reflect critically on the social and cultural dynamics in educational settings and how policy and practices might be improved. Students from other human service professions and other disciplines are invited to make similar use of the content of these courses for their professional practice. SCFD website (<https://education.okstate.edu/scfd/>)

Programs/Options Degrees

Degrees offered through SEFLA programs include Bachelor of Science (BS), Master of Science (MS), Education Specialist (EdS), Doctor of Education (EdD) and Doctor of Philosophy (PhD).

Five programs are delivered fully online: MS Aviation and Space, MS Educational Technology, MS Educational Psychology (Educational Psychology option), MS Educational Leadership and Policy Studies (Higher Education option), and Graduate Certificate in Online Teaching.

Aviation and Space

- Aviation and Space – MS
- Aerospace Administration and Operations
 - Professional Pilot – BS
 - Aviation Management – BS
 - Aerospace Security – BS
 - Technical Service Management – BS
- Applied Educational Studies/Aviation and Space Specialization – EdD

Educational Leadership

- Educational Leadership Studies/School Administration – MS (online)
- Educational Leadership Studies/Workforce and Adult Education – MS (online)
- Education/Educational Administration – EdS (online)
- School Administration – EdD (online)
- Educational Leadership and Policy Studies/Educational Administration – PhD (students may choose elective/cognate courses, if desired, to earn this degree online)
- Graduate Certificate (GRCT) in Building Level Leadership (online)
- Graduate Certificate (GRCT) in District Level Certificate (online)
- Graduate Certificate (GRCT) in Workforce and Adult Education (online)

Educational Technology

- Educational Technology
 - Educational Technology – MS
 - School Library Media – MS
- Online Teaching – Graduate Certificate
- School Library Certification – Graduate Certificate
- Education/Learning, Design, and Technology – PhD

Educational Psychology

- Educational Psychology – MS, PhD

Higher Education and Student Affairs

- Educational Leadership Studies - MS
 - Option: Higher Education
 - Option: College Student Development
- Educational Leadership and Policy Studies – PhD
 - Option: Higher Education

Research, Evaluation, Measurement and Statistics

- Educational Psychology/Research, Evaluation, Measurement and Statistics – MS
- Educational Psychology/Research, Evaluation, Measurement and Statistics – PhD

Social Foundations

- Social Foundations of Education – MA
- PhD in Education/Social Foundations – PhD

Courses

AVED 1114 Theory of Flight

Description: Private pilot ground school. Course includes theory of flight, principles of navigation, meteorology, and Federal Aviation Regulations. Preparation for FAA private pilot computer-based knowledge exam. Previously offered as AVED 1113.

Credit hours: 4

Contact hours: Lecture: 4 Contact: 4

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 1210 Private Flight Laboratory 1A

Description: Flight lab for beginning pilots. Course contains first part of FAA Private Pilot Certification. Training conducted under 14 CFR 141. Offered for variable credit, 1-2 credit hours, maximum of 2 credit hours. May not be used for degree credit with AVED 1222.

Credit hours: 1-2

Contact hours: Contact: 1-2 Other: 1-2

Levels: Undergraduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

AVED 1222 Private Flight Laboratory I

Description: Flight lab for beginning pilots. Course contains first part of FAA Private Pilot Certification. Training conducted under 14 CFR 141. Course previously offered as AVED 1221.

Credit hours: 2

Contact hours: Contact: 2 Other: 2

Levels: Undergraduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

Additional Fees: AVSED fee of \$350 applies.

AVED 1230 Private Flight Laboratory 2A

Prerequisites: AVED 1222 or AVED 1210

Description: Flight lab for beginning pilots part two. Course contains second part of FAA private pilot certification. Training conducted under 14 CFR. Offered for variable credit, 1-2 credit hours, maximum of 2 credit hours. May not be used for degree credit with AVED 1232.

Credit hours: 1-2

Contact hours: Contact: 1-2 Other: 1-2

Levels: Undergraduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

AVED 1232 Private Flight Laboratory II

Prerequisites: AVED 1222.

Description: Course contains second part of FAA Private Pilot Certification. Training conducted under 14 CFR 141.

Credit hours: 2

Contact hours: Contact: 2 Other: 2

Levels: Undergraduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

Additional Fees: AVSED fee of \$350 applies.

AVED 1403 Advanced Theory of Flight

Prerequisites: AVED 1114 and passed FAA Private Pilot Examination.

Description: Advanced navigation, aircraft performance and meteorology, and introduction to crew resource management.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 2112 Secondary Flight (H)

Credit hours: 2

Contact hours: Lecture: 2 Contact: 2

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

General Education and other Course Attributes: Human Heritage & Cultures

AVED 2120 Intermediate Flight Laboratory 1A

Prerequisites: AVED 2133 or AVED 2130.

Description: Professional Pilot Course emphasizing IFR cross country operations. Flight instruction conducted under Part 141. Offered for variable credit, 1-2 credit hours, maximum of 2 credit hours. May not be used for degree credit with AVED 2122. Special fee required.

Credit hours: 1-2

Contact hours: Contact: 1-2 Other: 1-2

Levels: Undergraduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

AVED 2122 Intermediate Flight Lab

Prerequisites: AVED 2133.

Description: Professional Pilot Course emphasizing IFR cross country operations. Flight instruction conducted under FAR Part 141. Special fee required.

Credit hours: 2

Contact hours: Contact: 2 Other: 2

Levels: Undergraduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

Additional Fees: AVSED fee of \$350 applies.

AVED 2130 Instrument Flight Laboratory 1A**Prerequisites:** AVED 1222 or AVED 1210, and AVED 1232 or AVED 1230.**Description:** Professional Pilot Course required for FAA instrument rating. Flight instruction conducted under FAR Part 141. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours. May not be used for degree credit with AVED 2133.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Educ Found Leadersh & Aviation**AVED 2131 Conventional Landing Gear Systems****Prerequisites:** AVED 1232 Primary Flight Lab II.**Description:** Course provides the knowledge and practical experience required to demonstrate proficiency in conventional landing gear configured aircraft. Completion of this course will endorse the student under Federal Regulation Part 61 for Pilot-In-Command operation for Tail Wheel aircraft. Requires flight instruction conducted under FAA FAR Part 141.**Credit hours:** 1**Contact hours:** Contact: 1 Other: 1**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Educ Found Leadersh & Aviation**AVED 2133 Instrument Flight Laboratory****Prerequisites:** AVED 1222 and AVED 1232.**Description:** Professional Pilot Course required for FAA instrument rating. Flight instruction conducted under FAR Part 141. Previously offered as AVED 2132.**Credit hours:** 3**Contact hours:** Contact: 3 Other: 3**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Educ Found Leadersh & Aviation**AVED 2140 Commercial Maneuvers Flight Laboratory 1A****Prerequisites:** AVED 2122 or AVED 2120.**Description:** Professional Pilot Course emphasizing Commercial practical test maneuvers. Flight instruction conducted under Part 141. Offered for variable credit, 1-2 credit hours, maximum of 2 credit hours. May not be used for degree credit with AVED 2142.**Credit hours:** 1-2**Contact hours:** Contact: 1-2 Other: 1-2**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Educ Found Leadersh & Aviation**AVED 2142 Commercial Maneuvers Flight Lab****Prerequisites:** AVED 2122.**Description:** Professional Pilot Course emphasizing Commercial practical test maneuvers. Flight instruction conducted under FAR Part 141.**Credit hours:** 2**Contact hours:** Contact: 2 Other: 2**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Educ Found Leadersh & Aviation**Additional Fees:** AVSED fee of \$350 applies.**AVED 2213 Theory of Instrument Flight****Prerequisites:** AVED 1403.**Description:** Instrument flight rules, the air traffic system and procedures, the elements of forecasting weather trends. Preparation for FAA instrument computer-based knowledge exam. Previously offered as AVED 2214.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**AVED 2313 Theory of Commercial Flight****Prerequisites:** Passed Private Pilot Knowledge Exam.**Description:** Advanced aircraft systems, aerodynamics, federal aviation regulations, airports and airspace, navigation, and performance. Preparation for FAA Commercial Pilot Written Examination.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**AVED 2513 Aviation Career Planning and Development****Description:** Assessment of career interests and aviation job opportunities that match those interests. Development of an academic and career learning and development plan consistent with identified interests.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**AVED 3113 History of Aviation****Description:** History of aviation from its early developments to the present. Historic events and the role of government as they relate to the evolution of the regulatory infrastructure of the aviation industry. Previously offered as AVED 2113.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**AVED 3231 Theory of Multi-Engine Flight****Prerequisites:** Private Pilot Certificate.**Description:** Aeronautical theory and information required for operating the multi-engine airplane safely, efficiently and within its specified limitations. Emphasis on aerodynamics and multi-engine emergencies.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**AVED 3243 Human Factors in Aviation****Description:** The study of people interacting with the aviation environment. Individual and group performance, equipment design, physical environment and procedure development.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation

AVED 3333 Advanced Aircraft Systems

Prerequisites: AVED 2313.

Description: Professional Pilot Course emphasizing multiengine operations, including Commercial certification with Multiengine Rating. Flight instruction conducted under FAR Part 141. Special fee required.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 3341 Multi-Engine Flight Laboratory

Prerequisites: AVED 2142.

Description: Professional Pilot Course emphasizing multiengine operations, including Commercial certification with Multiengine Rating. Flight instruction conducted under FAR Part 141.

Credit hours: 1

Contact hours: Contact: 1 Other: 1

Levels: Undergraduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

AVED 3433 Aviation/Aerospace Ethics

Description: Ethical decision-making as applied to the aviation and aerospace industry, an industry with narrow tolerance for error in terms of human life and economic impact. Awareness of aviation ethical issues and associated decision-making skills.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 3443 Aviation Legal and Regulatory Issues

Description: Insight pertinent to federal governing bodies in addition to local and international laws forming the present structure of aviation law. Practices and pitfalls in aviation activities and a basic legal research capability.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 3453 Aviation/Aerospace Security Issues

Description: Analysis of the legal and regulatory responses to changing threats to aerospace security. Review of technological solutions for airports and aircraft.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 3463 Aerospace Maintenance and Safety

Description: Identification and management of the human errors encountered in all aspects of aircraft maintenance operations. Case studies of maintenance-related accidents: line, hangar, and overhaul maintenance. The role of quality control and quality assurance are also examined as tools in reducing maintenance error.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 3473 OSHA for Aerospace Managers

Description: Occupational safety and health requirements within the aerospace industry. History of OSHA, OSHA regulations relative to aerospace organizations along with recent inspection results and published violations.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 3483 Airport Passenger and Baggage Screening

Description: The history of airport security, the laws and agencies tasked with aviation security and the passenger and baggage screening technologies currently in use or being tested in airports. The role of technology in the aviation layered security program will be discussed.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 3493 Analysis of Aviation Security Countermeasures

Description: A comprehensive approach to identification and analysis of security countermeasures in the Aviation industry.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 3513 Aviation/Aerospace Management Principles

Description: Managing the major elements of the aviation/aerospace industry, including aircraft manufacturing and air transportation system.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 3523 Airport Planning and Management

Description: Overview of the major functions of airport management, including master planning. Study of the socio-economic effects of airports on the communities they serve.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 3533 Aircraft Turbine Engine Operation

Description: Principles of physics and gas laws pertaining to turbine powered aircraft operation. Turbine power plant systems theory with emphasis on safe and efficient operation of turbine powered aircraft.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 3543 Aerospace Organizational Communications

Description: Aerospace communication to aid aviation students in proper use of written and verbal skills needed in various aerospace leadership roles.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 3563 Aviation Marketing

Description: Marketing aviation products for the major elements of the aviation industry.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 3573 Aviation/Aerospace Finance

Description: Financing the major elements of the aerospace industry, including general aviation, aircraft manufacturing and airports.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 3623 Airport Network Security

Description: Comprehensive evaluation of the airport network landscape to include evaluation and mitigation of potential threats to the overall airport environment.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 3663 Aerospace and Air Carrier Industry

Description: Broad understanding of the air transportation industry and an in-depth knowledge of the organizational structures, managerial functions and operational aspects of today's major, national, and regional air carriers. Historical perspectives, regulators and associations, economic characteristics, labor relations and marketing of modern air carriers.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 3773 Underrepresented Populations in Aviation and Space (D)

Description: This course will identify the current issues facing the aviation and aerospace industry, and why inclusiveness within the industry matters even more today, as well as in the future. Explore the numerous struggles that underrepresented populations overcame to achieve their successes; and examine the many contributions that underrepresented populations made to the U.S. aviation and aerospace industry.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

General Education and other Course Attributes: Diversity

AVED 3883 Space Flight

Description: A broad understanding and an in-depth knowledge of space flight and exploration of outer space. Emphasis will be placed on a thorough historical review and examination of the types of people and technological advancements involved in space exploration and flight.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 3913 Planetary Sciences

Description: A grand tour of the classical planets, minor planets, moons, asteroids, comets, the Sun and more. The course will cover the physical sciences utilized within the greater field of planetary sciences (e.g. Earth sciences, chemistry, physics, astronomy, and biology) in order to aid students' learning of course material. Within the grand tour, focus will be placed on major scientific results of telescopic and spacecraft missions, as well as laboratory and field measurements.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 3993 Aviation/Aerospace Supply Chain Management

Description: Management of aviation/aerospace supply chain processes and performance. Encompass the processes associated with the production of goods and services, including the movement of raw materials, inventory, and finished products. Introduce a variety of industry examples and cases related to aviation/aerospace domestic and global demand-driven supply chains to understand and evaluate the vital role of supply chain management.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 4100 Specialized Studies in Aviation

Description: Independent studies, seminars, and training within selected areas of aviation. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

Credit hours: 1-3

Contact hours: Contact: 1-3 Other: 1-3

Levels: Undergraduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

AVED 4103 Aerospace Distribution, Warehousing and Transportation

Description: Aerospace logistics concepts and the management of aerospace distribution activities ranging from top management planning to warehousing and shipping.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 4113 Aviation Safety

Description: Flight safety including studies in human factors, weather, aircraft crashworthiness, accident investigation, and aviation safety programs. Elements of aviation safety and flight operations (private flying, flight instruction, and business flying) and commercial aviation.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 4123 Aerospace Depot Maintenance

Description: Aerospace depot maintenance operational and budget issues related to Economic Order Quality, Materials Requirement Planning, Benefit Cost Analysis, repair expenditures, fleet flight hours, transport modules, handling, shipping and other activities.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 4133 Principles of Flight Instruction

Description: Preparation for the FAA Fundamentals of Instructing and Flight Instructor Knowledge Exams, as well as preparation for the CFI Initial Practical Test.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 4143 Government Operations and Interfaces in Aerospace Management

Description: Government and its impact on aerospace management decisions related to logistics, inventory management, production, and operations.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 4153 Aerospace Sustainment

Prerequisites: Senior standing.

Description: A capstone course requiring application of all elements of the supply-chain management process to an aerospace organizational problem or project.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 4163 FAA and Aerospace Logistics Regulations and Requirements

Description: Government regulations and requirements and the impact of those requirements on the aerospace supply chain management processes using case scenarios related to logistics, aviation, operations, procurement and the environment.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 4173 Aerospace Logistics Quality Programs

Description: Logistics quality programs, including TQM, Kaizen, Lean, Six Sigma, and ISO 9000 in aerospace organizations.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 4193 Aerospace Human Resource Management and Aerospace Workforce Acquisition

Description: Workforce planning techniques to strengthen knowledge retention practices within the aerospace industry.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 4200 Internship in Aviation

Description: Individually supervised internship in aviation career areas. Directed field experience related to the participant's area of concentration. Offered for variable credit, 1-12 credit hours, maximum of 12 credit hours.

Credit hours: 1-12

Contact hours: Contact: 1-12 Other: 1-12

Levels: Undergraduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

AVED 4223 Turbine Aircraft Transition

Prerequisites: AVED 3341, AVED 3333, AVED 4353 and AVED 4703.

Description: Fundamental flight and operating procedures of turbine engine aircraft.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 4230 Flight Instructor Flight Laboratory 1A

Prerequisites: AVED 2142 or AVED 2140, and AVED 4133.

Description: Dual flight instruction to meet the requirements for the FAA flight instructor: airplane certificate. Flight instruction conducted under FAR Part 141. Offered for variable credit, 1-2 credit hours, maximum of 2 credit hours. May not be used for degree credit with AVED 4232. Special fee required.

Credit hours: 1-2

Contact hours: Contact: 1-2 Other: 1-2

Levels: Undergraduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

AVED 4232 Flight Instructor: Airplane Flight Laboratory

Prerequisites: AVED 2142, AVED 4133.

Description: Dual flight instruction to meet the requirements for the FAA flight instructor: airplane certificate. Flight instruction conducted under FAR Part 141. Previously offered as AVED 4231.

Credit hours: 2

Contact hours: Contact: 2 Other: 2

Levels: Undergraduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

Additional Fees: AVSED fee of \$350 applies.

AVED 4303 Aviation Weather**Prerequisites:** GEOG 3033.**Description:** Familiarization with weather products needed to enhance flight safety.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**AVED 4331 Flight Instructor: Instrument Flight Laboratory****Prerequisites:** AVED 4232.**Description:** Dual flight instruction to meet the requirements of adding an instrument flight instructor rating to the flight instructor certificate. Flight instruction conducted under FAR Part 141.**Credit hours:** 1**Contact hours:** Contact: 1 Other: 1**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Educ Found Leadersh & Aviation**Additional Fees:** AVSED fee of \$260 applies.**AVED 4333 Advanced Aircraft Performance****Description:** A study of advanced aircraft performance including appropriate physical laws, atmospheric properties and power plant technology.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**AVED 4343 Geospatial Technologies for Aerospace Managers****Description:** Using geographic information systems (GIS) and other geospatial technologies to effectively manage airports, including project management, maintenance, safety and security, noise and obstruction management, and environmental management.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**AVED 4353 Cockpit Automation****Prerequisites:** AVED 2133.**Description:** A study of aircraft "glass cockpits", including performance management, navigation and guidance, automatic flight control, flight instrument displays, and crew advisory and warning.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**AVED 4413 Aviation Terrorism and Asymmetrical Warfare****Description:** Origins of modern terrorism and asymmetrical warfare as it related to current aviation security issues. A historical perspective to the headlines of today providing an understanding needed in making future security decisions.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**AVED 4423 Aviation Security Organizations and Law****Description:** Understanding how security systems and law are organized and managed. Problems facing security management, including recruiting, screening, and hiring of security personnel. Problems associated with 24/7 operations.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**AVED 4433 Airport Safety Inspections****Description:** Safety requirements of U.S. general aviation airports. Elements of the 5010 airport inspection program, FAA advisory circulars, and other pertinent documents.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**AVED 4513 Aviation Operations Management****Prerequisites:** AVED 3513 and AVED 3573.**Description:** Application of operational management theory and practices within the aviation/aerospace industries.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**AVED 4523 Airport Certified Member Preparation****Prerequisites:** AVED 3523.**Description:** Course focus is to earn knowledge necessary to successfully complete the AAEE Certified Member (CM) designation examination. Comprehensive evaluation of airport management and leadership issues to include administration, air service development, construction, finance, legislative affairs, maintenance, marketing and communications, operations, planning, and security.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**AVED 4571 FFA Airplane Single Engine Sea****Prerequisites:** AVED 2313, FAA COMM ASEL.**Description:** Course provides the knowledge and practical experience required to pass a COMMERCIAL Single Engine Sea (ASES) FAA practical examination to add the ASES rating to an existing COMMERCIAL Single Engine Land (ASEL) license. Requires flight instruction under FAA FAR Part 141.**Credit hours:** 1**Contact hours:** Contact: 1 Other: 1**Levels:** Undergraduate**Schedule types:** Independent Study**Department/School:** Educ Found Leadersh & Aviation

AVED 4643 Aviation Navigation Global Positioning Systems

Description: Overview of the theory and operation of the GPS in the private and public sector.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 4653 International Aerospace Issues (I)

Description: Fundamental knowledge, comprehension and abilities to apply, analyze, synthesize and evaluate international aerospace issues, including trends in security, safety, technology, and organizations.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

General Education and other Course Attributes: International Dimension

AVED 4663 Aerospace Leadership

Description: Leadership theories and practices applicable to the aerospace environment and the types of leadership skills required for 21st Century aerospace organizational leaders.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 4703 Crew Resource Management

Prerequisites: AVED 2133 and AVED 2142.

Description: Discovering how resource management applies to crew behavior in aviation. Special emphasis on decision-making, judgment, teamwork, stress management, situation awareness, leadership, and workload management.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 4713 Unmanned Aircraft Pilot Laboratory

Prerequisites: AVED 1114.

Description: Aeronautical theory, information and piloting skills will be utilized for operating an unmanned aircraft safely, efficiently and within its specified limitations. Classroom and laboratory experiences are designed for the students to gain the necessary skills to operate an unmanned aircraft safely.

Credit hours: 3

Contact hours: Lab: 6 Contact: 6

Levels: Undergraduate

Schedule types: Lab

Department/School: Educ Found Leadersh & Aviation

AVED 4771 Flight Instructor: Multi-Engine Flight Laboratory

Prerequisites: AVED 4232.

Description: Dual flight instruction to meet the requirement for adding a multi-engine flight instructor rating to the flight instructor certificate. Flight instruction conducted under FAR Part 141. Special fee required.

Credit hours: 1

Contact hours: Contact: 1 Other: 1

Levels: Undergraduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

Additional Fees: AVSED fee of \$260 applies.

AVED 4813 Air Transportation Compliance

Description: Regulatory requirements in the management of air transportation and logistics operations including the shipment of hazardous materials in domestic and international transport, U.S. Customs import/export compliance, and Transportation Safety Administration (TSA) requirements.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 4883 Capstone Course in Aviation Management

Prerequisites: Aviation Management major with senior status.

Description: Applies knowledge and issues obtained in prior aviation courses.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 4943 Basic Aircraft Accident Investigation

Description: A study of statutes, regulations and regulatory agency requirements that influence aircraft accident investigation.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 4953 Corporate and General Aviation Management

Description: Study of management principles and practices of corporate and general aviation. Equipment acquisition, legal requirements, government regulations, flight operations, aircraft maintenance, management and investment decision-making.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 4963 Airport Design

Description: Overview of airport planning and development parameters, airport design considerations, economic impact of airport development, and a global examination of airport expansion projects.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 4983 Aerospace Industry Hazardous Materials or Dangerous Goods

Description: Regulatory requirements and compliance issues in managing aerospace industry hazardous materials and dangerous goods.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 4990 Pilot Proficiency Flight

Description: Required for students entering the aviation education program who possess all FAA certificates/ratings required for the aviation sciences degree. Offered for variable credit, 1-2 credit hours, maximum of 4 credit hours.

Credit hours: 1-2

Contact hours: Contact: 1-2 Other: 1-2

Levels: Undergraduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

AVED 4993 Aviation Labor Relations

Description: Aviation industry laws, regulations, and procedures for management and organized labor from historical through current perspectives. Focus on economic, legal, political, and public policy factors in aviation.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5000 Master's Report or Thesis

Prerequisites: Consent of adviser.

Description: Students studying for a master's degree enroll in this course for a total of 3 credit hours if writing a report or 6 hours if writing a thesis. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

Credit hours: 1-6

Contact hours: Contact: 1-6 Other: 1-6

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

AVED 5020 Seminar in Aerospace Education

Prerequisites: Consent of instructor.

Description: Individual research problems in aerospace education. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

Credit hours: 1-3

Contact hours: Contact: 1-3 Other: 1-3

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

AVED 5053 Guided Reading and Research

Prerequisites: Consent of instructor.

Description: Guidance in reading and research required for the MS in aviation and space program.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5103 Aviation Career Development

Description: Aviation career development in private and public aviation organizations.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5113 Aerospace Safety Programs

Prerequisites: AVED 4113.

Description: A detailed examination of risk management and accident prevention in the aerospace industry. Organization and operation of safety programs including OSHA requirements, performance measurements, cost analysis, and systems safety analysis.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5153 Capstone in Aerospace Research

Prerequisites: AVED 5053.

Description: The final culminating project intended to be an in-depth application of the knowledge and skills acquired from the MS Aerospace Education curriculum.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5200 Graduate Internship in Aviation and Space

Description: Directed field experiences in aerospace education for master's students. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

Credit hours: 1-6

Contact hours: Contact: 1-6 Other: 1-6

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

AVED 5203 Aeromedical Factors

Prerequisites: AVED 3243.

Description: The study of aeromedical factors that influence pilot performance. The study of life support equipment designed to increase aviation safety.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5303 Aviation and Space Quality Issues

Description: A study of the practice and research involved in implementing aviation and space quality issues.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5333 Aircraft Performance

Description: Operational flight performance issues, especially transition from propeller-driven to jet aircraft. Use of flight simulation software to determine optimal speeds for climb, descent, range and maximum endurance of a specific aircraft model.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5363 Aircraft Systems

Description: Flight management systems, data exchange busses, computerized flight control systems, airframe environmental systems, electrical, pressurization, fuel and icing. Earlier generation aircraft systems contrasted with modern aircraft systems.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5403 Passenger Screening Technology

Description: Understanding of the technologies currently in use or being tested in airports. Passenger screening technologies and their role in establishing a layered security program.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5413 Landside Security Technologies

Description: Technologies available for protecting the landside of the airport. Access control systems, blast protection and mitigation planning, perimeter security technologies and biometric technologies.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5423 Security Planning Audits and NIMS

Description: The management of a security program. Written security plans, security audits, emergency management, and the National Incident Management System.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5433 General Aviation and Cargo Security

Description: Overview of airport operations: regulatory history of air transportation, aviation forecasting, capacity and delay issues at airports, environmental issues, airport emergency procedures and aircraft rescue and fire-fighting, and airport system and master planning.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5443 International Aviation Security

Description: Civil aviation security structure required of all airports and airlines engaged in international civil aviation operations. Focuses on the requirements of the International Civil Aviation Organization, specifically ICAO Annex 17.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5453 Advanced Aviation Security

Prerequisites: Graduate standing.

Description: In-depth look at aviation security. Development of a greater understanding of problems associated with maintaining a secure aviation transportation industry. Familiarity with the history of attacks against aircraft, airports and other aviation facilities.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5463 Aerospace Risk Assessment

Description: The risks, threats, and vulnerabilities associated with aviation/aerospace assets, and associated decision-making processes. Risk management principles and utilizing cost-benefit analysis and other tools and methodologies applicable to aviation and aerospace challenges.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5473 Aerospace Education and Training Effectiveness

Description: Curriculum design and instructional effectiveness for aviation/aerospace educators and training professionals.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5543 Advanced Aerospace Communications

Description: Interdisciplinary area of study drawing from previous knowledge and experience in effective management and leadership communication to meet the unique demands of the field of aviation. A broad range of academic disciplines and technical experience guiding aviation professionals in the refinement of personal, team and organizational communications.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5553 Aerospace Proposal and Procurement

Description: Analysis of aerospace proposal writing and federal grant development including the basics of government acquisition and procurement.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5563 Aerospace Leadership and Management

Description: Introductory course on leadership and management issues in the highly volatile aerospace environment. Introduction to management and leadership theory of the past, and exploration of the aviation environment of the future.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5573 Aerospace Defense Acquisition

Description: Analysis of the Department of Defense (DoD) acquisition process, including the basics of acquisition management and the life cycle of a defense contract from inception to disposal. Phases of acquisition include: concept exploration, development, production, fielding and deployment.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5593 Influencing Public Policy in the Aerospace Industry

Description: The aerospace legislative process, researching draft legislation, tracking state and federal legislation, communicating with legislators identifying the fiscal impact and benefits.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5663 Issues in the Airline/Aerospace Industry

Description: The components, participants, activities, characteristics, scope and economic significance of the air carrier industry and its major segments. The effects of regulation, competition, marketing, manufacturing and environmental control.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5720 Current Issues in Aerospace Education

Prerequisites: Consent of instructor.

Description: Current issues in aerospace education. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

Credit hours: 1-3

Contact hours: Contact: 1-3 Other: 1-3

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

AVED 5773 Historical Significance of Aviation

Description: Humankind's attempt to conquer the skies from the earliest accomplishments in aviation to the aircraft of tomorrow. Profiles the way people, technology, and events have shaped the modern world of aviation.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5783 History of Human Space Flight

Description: A historical view of human space flight starting in the 1950s with the Space Race to the early 2010s when the Space Shuttle was retired. Topics span the start of the Space Race, JFK's charge to put a human on the Moon, the Mercury, Gemini, and Apollo programs, space stations (with a focus on the International Space Station), and the Space Shuttle program. Emphasis will be placed on an examination of the people and technological advancements involved in space flight.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5793 Future of Space Flight

Description: An examination of NASA's and other space agencies' plans for future space flight, including both human missions and robotic missions. Includes an overview of commercial space flight, its beginnings and current endeavors, as well as theoretical examination of the logistical issues regarding the colonization of the Moon, Mars, or other planetary bodies. Emphasis will be placed on an examination of the people and technological advancements needed for future space flights.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5813 Earth Observation Systems

Prerequisites: GEOG 4333.

Description: A study of systems orbiting earth that collect data on the land and atmosphere.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5823 Space Science

Description: A study of the sun, inner and outer planets, asteroid belt, space probe exploration, orbital mechanics and missions.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5850 Directed Readings in Aerospace Education

Prerequisites: Consent of instructor.

Description: Directed studies in aerospace education. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

Credit hours: 1-3

Contact hours: Contact: 1-3 Other: 1-3

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

AVED 5883 Aviation Economics

Description: The economic significance of the air carrier industry and its major segments. The effects of regulation, competition, schedules, marketing and environmental control.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5893 Aerospace Executive Decision Making

Description: Application of concepts and lessons of executive decision leadership within the context of the aerospace environment. Utilization of problem solving skills and leadership lessons of the 21st century aerospace leader.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5910 Practicum in Aerospace Education

Prerequisites: Consent of instructor.

Description: Directed observation and supervised clinical experiences in aerospace education. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

Credit hours: 1-3

Contact hours: Contact: 1-3 Other: 1-3

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

AVED 5953 Labor Relations in Aviation and Aerospace

Description: Labor laws, regulations, and labor-management relations in the U.S. aviation and aerospace industry, underlying the air carriers, public airport infrastructure, and related government employers.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5963 Airport Operations

Prerequisites: Graduate standing.

Description: Extensive overview of airport operations. Familiarity with the regulatory history of air transportation, airports, the Federal Aviation Administration, and the Transportation Security Agency. Introduction to a wide variety of organizational structures found at U.S. airports.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5973 Aerospace Law

Description: Study of the legal system as it relates to aerospace law and governance of the aviation industry. Previously offered as AVED 4973.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 5993 Ethics in Aviation

Description: Learning how to protect vital interests and maintain ethical control in highly regulated environments.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 6000 Doctoral Thesis

Description: Required of all candidates for the EdD in applied educational studies. Credit awarded upon completion of the thesis. Offered for variable credit, 1-15 credit hours, maximum of 15 credit hours.

Credit hours: 1-15

Contact hours: Contact: 1-15 Other: 1-15

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

AVED 6103 Doctoral Seminar in Aerospace Education

Description: Individual research problems in aerospace education.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 6203 Aviation Physiology

Prerequisites: AVED 5203 or equivalent.

Description: The study of the complexities of pilot performance as it relates to human physiology, human factors and aviation safety.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 6303 The Application of Qualitative Methods in Aviation Research

Description: An examination of the application of qualitative research methodologies and associated field work with an emphasis in aviation and aerospace.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 6313 Administration of Aviation Institutions

Description: A study of the organization and administration of public and private aviation institutions. Study of the impact of economic and governmental system on these institutions.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 6413 Development of Air and Space Flight

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 6423 Certification of Airplanes

Description: A study of the practices and research involved in the certification of airplanes.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 6443 Certification of Rotorcraft

Description: A study of the practices and research involved in the certification of rotorcraft.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 6553 Foundations of Airline Executive Leadership

Description: History of airline leaders who had a significant impact on the U.S. air transportation industry.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 6613 Aviation Executive Development

Description: A study of the styles of aviation executives in private and public aviation organizations.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 6773 Applied Aviation and Space Research

Prerequisites: Consent of instructor and approval of student's advisory committee.

Description: Action research topics in aviation and space identified by the aerospace industry with emphasis upon publications in aviation and space refereed journals and trade publications. Previously offered as AVED 6774.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 6883 Doctoral Internship in Aviation and Space

Prerequisites: Consent and approval of student's advisory committee.

Description: Directed field experiences in aerospace education for doctoral students. Previously offered as AVED 6880.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 6943 Aviation Regulatory Law

Description: A study of the practical application and research of the FAA regulatory process and associated case law.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

AVED 6963 Advanced Aircraft Accident Investigation

Prerequisites: AVED 4943.

Description: Application and practice of the different statutes, regulations, and regulatory agency requirements that influence aircraft accident investigations.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDLE 5000 Thesis Or Report

Prerequisites: Consent of instructor.

Description: Master's students may earn up to two hours of credit for a report or six hours of credit for a thesis. Students working on a specialist's report may earn a maximum of 10 hours of credit. Previously offered as EAHE 5000. Offered for variable credit, 1-10 credit hours, maximum of 10 credit hours.

Credit hours: 1-10

Contact hours: Contact: 1-10 Other: 1-10

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

EDLE 5253 The Principalship

Prerequisites: 5000-level course in school administration or equivalent.

Description: Strategies, techniques and solutions used by the principal in the administration and leadership of a public school. Previously offered as EDLE 6253.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDLE 5323 School Finance

Description: Development of conceptual bases in economics of education, taxation, distribution systems, policy analysis; application to Oklahoma school finance; and introduction to budget development. Previously offered as EDLE 6323.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDLE 5473 Supervision of Instruction

Description: Application of modern approaches to instructional supervision through practice in recording and analyzing teacher behavior in actual classroom settings. Clinical and group methods for improving instruction. Previously offered as EDLE 6473.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDLE 5720 Education Workshop

Description: Analysis of organizational, administrative, and instructional problems by common schools and higher education personnel.

Previously offered as EAHE 5720. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

Credit hours: 1-8

Contact hours: Contact: 1-8 Other: 1-8

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

EDLE 5723 Education Law

Description: Study of the legal framework of education (constitutional law, case law, and Oklahoma law) with emphases on church-state issues, tort liability, teachers' rights, and student rights.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDLE 5800 Embedded Field Studies Internship

Description: Practicum experiences designed to relate ideas and concepts to problems encountered in educational settings by faculty and administrators.

Credit hours: 1-6

Contact hours: Contact: 1-6 Other: 1-6

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

EDLE 5813 Leadership Theory and Ethical Decision Making

Description: Developing understanding of leadership theory and issues related to decision-making in educational settings. Exploring leadership and decision-making within an ethical context. Previously offered as EAHE 5813.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDLE 5883 Field Studies Internship I

Prerequisites: Consent of instructor.

Description: Directed internship experiences designed to relate ideas and concepts to problems encountered in education by faculty and administrators. Previously offered as EDLE 5880.

Credit hours: 3

Contact hours: Contact: 3 Other: 3

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

EDLE 5893 Field Studies Intern II

Prerequisites: Consent of instructor.

Description: Directed advance internship experiences designed to relate ideas and concepts to problems encountered in educational organizations by faculty and administrators.

Credit hours: 3

Contact hours: Contact: 3 Other: 3

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

Additional Fees: EDLE 5893 fee of \$75 applies.

EDLE 5953 Developing Educational Organizations

Prerequisites: EDLE 5813.

Description: Understanding and critically analyzing conventional and novel approaches to the climate and governance of schools and higher education.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDLE 6000 Doctoral Dissertation

Description: Required of all candidates for the Doctor of Education degree. Credit given upon completion of the thesis. Previously offered as EAHE 6000. Offered for variable credit, 1-15 credit hours, maximum of 15 credit hours.

Credit hours: 1-15

Contact hours: Contact: 1-15 Other: 1-15

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

EDLE 6003 Educational Ideas

Description: Decision-making processes used in educational systems and use of modern technologies for curricular enhancement and professional development. Previously offered as EAHE 6003.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDLE 6143 Resources for the Study of Educational Leadership

Description: Introduction to research traditions, tools and processes that are integral to the study of educational leadership.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDLE 6243 Connecting Theory and Practice in Administering Schools

Description: Application of research findings and theoretical concepts to best practice in administering educational organizations. Previously offered as EAHE 6243.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDLE 6343 Problem Solving in School Administration

Description: Identifying and analyzing administrative problems, individually and collectively, in school settings.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDLE 6353 The Superintendency

Description: Integration of theory and practice through examination of roles and responsibilities of the superintendent. Particular emphasis on leadership, communications, and the changing nature of public education. Previously offered as EAHE 6353.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDLE 6363 Special Topics in School Finance Policy

Prerequisites: Admission to the Graduate College and EDLE 5323 or equivalent.

Description: Investigation of problems in education finance policy within the interconnected concepts of liberty, equity, equality, adequacy and efficiency.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDLE 6393 The Human Factor in Administering Schools

Description: Analysis and critique of current issues in school personnel administration such as recruitment, selection, promotion, morale, salary, staff relations and teacher assessment. Previously offered as EAHE 6393.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDLE 6423 The Politics of Education

Description: Activities of schools as they relate to the political environment, e.g., voter behavior, change strategies and community power structures. Previously offered as EDLE 6420.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDLE 6453 Special Topics in Education Law

Description: Analysis and critique of selected topics in school law relating to public school administration. Previously offered as EAHE 6453.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDLE 6483 School Leadership, Culture and Ethics

Prerequisites: Admission to the School Administration doctoral program.

Description: Ethical dilemmas and leadership are explored. Personal ethics are studied in terms of integrity in leadership roles.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDLE 6493 School Improvement/Reform

Prerequisites: Admission to the School Administration doctoral program.

Description: Focus on the theory and practice of school improvement/reform, especially addressing conditions of underachievement and performance gaps among diverse populations. Knowledge and skill related to understanding evaluating, and implementing school improvement/reform practices. Addresses Oklahoma licensure standards related to the provision of effective instructional practices.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDLE 6603 Organizational Theory in Education

Description: Selected organizational typologies, conceptualizations and theoretical frameworks as they relate to organizational behavior and behavior of personnel in organizations. Previously offered as EAHE 6603.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDLE 6633 School Leadership and Community Collaboration

Description: Promoting student success, school mission and goals through collaborating with faculty and community members, responding to diverse community interests and needs, and mobilizing community resources. Previously EDLE 5633.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDLE 6650 Problems in Educational Administration

Description: Special administrative problem in common schools or higher education, e.g., school plant, school/community relations, administration and the instructional programs, attrition and finance. Previously offered as EAHE 6650. Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

Credit hours: 1-4

Contact hours: Contact: 1-4 Other: 1-4

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

EDLE 6710 Special Problems

Description: Assists administrators with either recurrent or unique problems arising in common schools or in higher education. Emphasizes evaluation and planning related especially to staff, programs and faculty needs. Previously offered as EAHE 6710. Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

Credit hours: 1-4

Contact hours: Contact: 1-4 Other: 1-4

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

EDLE 6850 Directed Reading

Description: Directed reading for students with graduate standing. Previously offered as EAHE 6850. Offered for variable credit, 1-4 credit hours, maximum of 6 credit hours.

Credit hours: 1-4

Contact hours: Contact: 1-4 Other: 1-4

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

EDLE 6853 Research Traditions in Educational Leadership

Description: Educational research design (including literature review, elements of a research proposal, and major research paradigms) supporting the field of School Administration. May not be used for degree credit with HESA 6853.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDLE 6870 Seminar

Description: Topical issues related to administration and/or higher education, including research techniques available to analyze such topics. Previously offered as EAHE 6870. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.

Credit hours: 1-3

Contact hours: Contact: 1-3 Other: 1-3

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

EDLE 6873 Leading Schools with Data

Prerequisites: Graduate standing.

Description: Practical application of decision-making from a systems perspective with a focus on identifying, collecting, organizing, and analyzing school district level data.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDLE 6883 Internship in Education I

Prerequisites: Consent of instructor.

Description: Directed internship experiences designed to relate ideas and concepts to problems encountered in education by faculty and administrators. Previously offered as EDLE 6880.

Credit hours: 3

Contact hours: Contact: 3 Other: 3

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

EDLE 6893 Internship in Education II

Prerequisites: Consent of instructor.

Description: Field experiences in a variety of educational work settings.

Credit hours: 3

Contact hours: Contact: 3 Other: 3

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

EDLE 6910 Practicum

Prerequisites: Consent of instructor.

Description: Required of all candidates for the Specialist in Education degree. Designed to help the student carry out an acceptable field study or research problem. Credit given upon completion of the written report. Offered for variable credit, 1-5 credit hours, maximum of 9 credit hours.

Credit hours: 1-5

Contact hours: Contact: 1-5 Other: 1-5

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

EDTC 3123 Applications of Educational Technologies

Description: Introduction to the design and development of instruction using educational media and technology in the PK-12 classroom. Materials development, contemporary applications of computers and other electronic systems to instruction. Integration of instructional design, instructional media, and instructional computing. May not be used for degree credit with EDTC 4113. Previously offered as CIED 3122.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDTC 4103 Advanced Computing Applications in Education

Description: In-depth exploration of advanced technology use in teaching and learning environments. Examination of current issues of technology use in instructional settings. May not be used for degree credit with EDTC 5103.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDTC 4110 Special Topics in Educational Technology

Description: Exploration of contemporary problems or issues in educational technology. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

Credit hours: 1-3

Contact hours: Lecture: 1-3 Contact: 1-3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDTC 4113 Applications of Media and Technology

Description: Introduction to the application of media and technology to formal and informal learning situations. Intended for non-professional education majors. May not be used for degree credit with EDTC 3123. Previously offered as CIED 4113.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDTC 4223 Introduction to Assistive Technologies

Description: Introduction to assistive technologies and the application of assistive technologies in formal and informal learning environments.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDTC 4503 Facilitating Online Learning

Description: Students will apply knowledge of pedagogy, instructional design, learning theory, standards for online teaching, online community building and teaching with technology by developing a proposal for an online course in an area of their choosing. May not be used for degree credit with EDTC 5503.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDTC 4753 Introduction to Instructional Design

Description: Introduction to the systematic design of instruction. Topics covered: Analysis, design, development, implementation, and evaluation of instructional materials in a variety of educational settings. Current research, trends and issues in instructional design will be addressed. May not be used for degree credit with EDTC 5753.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDTC 4773 Instructional Systems Project Management

Description: Explore essential elements of successful instructional systems project management by defining a project, identifying essential components, developing the project schedule and budget, and managing project quality and risks. Produce complete design documents for an instructional system, including budget, justification, implementation schedule, and evaluation plan.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDTC 5000 Master's Report or Thesis

Prerequisites: Consent of instructor.

Description: Students studying for a master's degree enroll in this course for a total of 2 credit hours if they write a report or 6 hours if they write a thesis. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

Credit hours: 1-6

Contact hours: Contact: 1-6 Other: 1-6

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

EDTC 5053 Learning in a Digital Age

Description: Foundational understanding of digital learning including history, definitions, common assumptions, cultural competence, ethical issues, standards, methods, and models to maximize digital learners' experience in educational and corporate settings.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDTC 5103 Advanced Computing Applications in Education

Description: In-depth exploration of advanced technology use in teaching and learning environments. Examination of current issues of technology use in instructional settings. Previously offered as CIED 5103.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDTC 5113 Digital Media Production for Instruction

Description: Introduction to the production of digital media for instruction. Topics covered: Instructional design for digital media, message design, use of graphics, multimedia development tools. Current research, trends, tools and issues in media production will also be addressed. Previously offered as CIED 5113.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDTC 5123 Academic Writing in the Learning Sciences

Description: Introduction to the structure and organization of academic writing appropriate for a Creative Component, project, thesis, or doctoral dissertation. Students will be expected to prepare a proposal for their special topic.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDTC 5153 Computer-Based Instruction Development

Description: Examinations of curriculum strategies, related research issues, and techniques for developing computer-based instruction. Students will develop and evaluate computer-based instruction with case studies. Previously offered as CIED 5153.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDTC 5203 Foundations of Educational Technologies

Description: A general introduction to the field of Educational Technology. Define, describe, and critically evaluate the foundations, issues and careers in educational technology.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDTC 5303 Digital Games and Simulations in the Classroom

Description: Introduces students to the philosophies, theories, processes, and practices of integrating digital games and simulations into the classroom.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDTC 5403 Creativity and Innovation in Educational Technology

Description: In-depth examination of a variety of innovation technologies and engagement in pedagogies and technologies associated with creativity, innovation and invention.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDTC 5503 Facilitating Online Learning

Description: Apply knowledge of pedagogy, standards for online teaching, online community building, and teaching with technology to design and facilitate online learning environments.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDTC 5703 Advanced Virtual and Augmented Reality for Social Change

Description: Explores evidence-based design/research informed design through the use and application of Virtual Reality (VR) and Augmented Reality (AR) technology using a multidisciplinary approach to solve current societal problems by applying social science practices with innovative technology. Learn how to develop and apply 3D content in VR/AR. Turn your creative ideas into useful applications. This course is open to all graduate students. No prior coding or design experience is required. Same course as DM 5083.

Credit hours: 3

Contact hours: Lab: 6 Contact: 2

Levels: Graduate

Schedule types: Lab

Department/School: Educ Found Leadersh & Aviation

EDTC 5720 Educ Workshop

Description: For teachers, principals, superintendents and supervisors who have definite problems in instruction or administration. Students must register for the full number of credit hours for which the workshop is scheduled for a particular term. Offered for variable credit, 1-8 credit hours, maximum of 8 credit hours.

Credit hours: 1-8

Contact hours: Contact: 1-8 Other: 1-8

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

EDTC 5753 Introduction to Instructional Design

Description: Introduction to the systematic design of instruction. Topics covered: Analysis, design, development, implementation, and evaluation of instructional materials in a variety of educational settings. Current research, trends and issues in instructional design will be addressed. Previously offered as CIED 5753.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDTC 5763 Introduction to Assistive Technology

Description: Introduction to assistive technologies and the application of assistive technologies to formal and informal situations.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDTC 5773 Instructional Systems Management

Description: Principles of management relevant to instructional systems, including, but not limited to: project, resource, quality, change, financial, information technology, human resource, program evaluation, product, knowledge and performance management. Previously offered as CIED 5773.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDTC 5783 Learning and Teaching with Mobile Devices

Description: Exploring the potential of learning with mobile devices in formal education settings and factors to consider when designing an effective and innovative mobile learning environment.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDTC 5793 Design-Based Research

Description: Design-Based Research seeks to contribute to theory-building about learning and the design of learning environments. Course provides an examination of the history of this research approach along with related current literature, commentary and research.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EDTC 5850 Directed Study

Prerequisites: Consent of instructor.

Description: Directed study for master's level students. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

Credit hours: 1-3

Contact hours: Contact: 1-3 Other: 1-3

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

EDTC 6000 Doctoral Dissertation

Description: Required of all candidates to the Doctor of Education degree. Credit is given upon completion of the thesis. Offered for variable credit, 1-15 credit hours, maximum of 15 credit hours.

Credit hours: 1-15

Contact hours: Contact: 1-15 Other: 1-15

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

EDTC 6153 Advanced Computer-Based Instructional Development**Prerequisites:** EDTC 5153 or consent of instructor.**Description:** Design of user-friendly instructional interfaces and computer-based learning management systems.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**EDTC 6283 Performance Improvement Technology****Description:** Overview of performance improvement, as defined within the field of Educational Technology. Training and non-training interventions to improve performance in learning situations. Sample topics may include needs assessment, motivation systems, compensation systems, job aids, or electronic performance support systems.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**EDTC 6333 Human Computer Interaction****Prerequisites:** EDTC 5153 or consent of instructor.**Description:** Human cognitive architecture, information processing, and design of effective educational, computer-based interfaces.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**EDTC 6423 Trends and Issues in Educational Technology****Description:** Selected problems, issues and trends in educational technology.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**EDTC 6553 Media and Learning in Educational Technology****Description:** Exploration of topics from media studies relevant to educational technology, especially online learning. Reading of classic works in media studies in tandem with related contemporary works addressing new developments in educational technology, online learning, online gaming, and social media for learning.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**EDTC 6613 Instructional Systems Design****Description:** Overview of theoretical foundations of the systematic design of instruction and their applications in design practice including analyzing, defining, sequencing, developing, and validating instructional components. Current research, theory, and future directions in design theory and practice will be addressed. Course previously offered as EPSY 6613 and ABSE 6613.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**EDTC 6793 Advanced Design-Based Research****Description:** Exploration of current DBR literature, research and research implementations.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**EDTC 6850 Directed Reading****Prerequisites:** Consent of instructor.**Description:** Directed reading for students with advanced graduate standing to enhance students' understanding in areas where they wish additional knowledge. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Educ Found Leadersh & Aviation**EDTC 6880 Internship in Education****Prerequisites:** Consent of instructor.**Description:** Directed off campus experiences designed to relate ideas and concepts to problems encountered in the management of the school program. Offered for variable credit, 1-8 credit hours, maximum of 8 credit hours.**Credit hours:** 1-8**Contact hours:** Contact: 1-8 Other: 1-8**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Educ Found Leadersh & Aviation**EDTC 6910 Practicum****Prerequisites:** Consent of instructor.**Description:** Helps the student carry out an acceptable research problem (practicum) in a local school situation. Credit given upon completion of the written report. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Educ Found Leadersh & Aviation**EPSY 1003 Learning to Learn****Description:** Learning effective strategies to succeed through online individualized assessment, positive attitude development, habit change, development and self-efficacy and self-regulation. Learning tools include goal setting, developing information skills, questioning, transformational learning, presentation and information use skills. Analyzing class materials, problem solving, creativity, teacher analysis, reflection, developing classroom motivation and appropriate classroom behavior to lead to classroom success.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation

EPSY 1013 Emotional Skills in Learning Success

Description: Striving for academic excellence through self awareness and growth in areas of social and emotional development. Interpersonal and intrapersonal skills, leadership skills, and self-management skills in the context of emotional intelligence theories.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EPSY 2513 Foundations of Ethical Leadership

Prerequisites: 24 hours in good standing; admission into the UGLC or consent of instructor.

Description: Introduces students to a variety of theoretical views of ethics and leadership studies through the identification of contemporary ethical challenges and the development of foundational leadership skills to meet those challenges. Same course as HESA 2513.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EPSY 3063 Critical Thinking, Problem Solving, and Creative Processes

Description: Learning theory in developing strategies for promoting critical thinking, problem solving, and creativity.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EPSY 3110 Educational Psychology Seminar

Description: Problems, trends, contemporary topics, and pertinent issues in educational psychology. Concentrated study of selected areas not usually addressed in the undergraduate curriculum. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

Credit hours: 1-3

Contact hours: Contact: 1-3 Other: 1-3

Levels: Undergraduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

EPSY 3113 Psychological Foundations of Childhood

Description: The child from conception to puberty with focus on educational implications of development in cognitive, affective and psychomotor domains. Previously offered as ABSE 3113.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EPSY 3213 Psychology of Adolescence

Description: The adolescent from pubescence to adulthood with focus on educational implications of development in cognitive, affective and psychomotor domain. Course previously offered as ABSE 3213.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EPSY 3413 Child and Adolescent Development

Description: The person from conception through adolescence with focus on education implications of development in cognitive, affective, social, and physical domains. Course previously offered as ABSE 3413.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EPSY 3533 Motivating Learners

Description: Current practices in learner motivation, school age through adult. Developing positive attitudes and building community in classrooms to stimulate motivation of all learners.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EPSY 4063 Exploration of the Creative Experience

Description: The creative experience in art (visual to performing), articulation (oratory to literature), thought (philosophy to psychology), business (practices to products), leisure (procreation to recreation). Western and Eastern viewpoints. Personal creative development fostered by modeling and by investigation of proven techniques. A wide range of creative endeavor with an experiential approach. Future-oriented applications. Course previously offered as ABSE 4063.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EPSY 4223 Psychological Foundations of Learning and Instruction

Description: Instructional psychology focusing on the study of teaching and learning theory as part of an instructional program to deal with individual, cultural, and environmental differences. Case studies and group discussion emphasizing motivation, planning, evaluation, classroom problems and management.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EPSY 4503 Ethical Leadership for the Common Good

Prerequisites: EPSY 2513 or HESA 2513.

Description: Builds on foundational model of ethical theory and leadership studies through application of ethical theory and leadership skills to specific contexts and evaluation of their results. Same course as HESA 4513.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EPSY 4533 Competency Motivation

Description: Development of competence through the application of research strategies in achievement motivation. Examines intellectual ability, motives, goals, attributions, competence perceptions and values as they relate to developmental issues, demographics, contextual influences, culture, and self-regulation.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EPSY 4743 Learning, Motivation, and Social Justice (I)

Description: Foundational principles of learning, motivation, and global identity; critical analysis of contemporary cultures; and application of learning in addressing global issues of social justice.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

General Education and other Course Attributes: International Dimension

EPSY 5000 Master's Thesis

Prerequisites: Consent of advisory committee chairperson.

Description: Report of research conducted by a student in the master's program in school and educational psychology. Credit given and grade assigned upon completion and acceptance of the thesis. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

Credit hours: 1-6

Contact hours: Contact: 1-6 Other: 1-6

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

EPSY 5001 Colloquium: Educational Psychology

Description: Discussion of issues related to graduate study in educational psychology and related fields.

Credit hours: 1

Contact hours: Contact: 1 Other: 1

Levels: Graduate

Schedule types: Discussion

Department/School: Educ Found Leadersh & Aviation

EPSY 5103 Human Development in Psychology

Description: Introduction to basic research and theories of cognitive, emotional and social development. Applications to educational and family settings. Course previously offered as ABSE 5103.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EPSY 5123 Academic Writing in the Learning Sciences

Description: Introduction to the structure and organization of academic writing appropriate for a Creative Component, project, thesis, or doctoral dissertation. Students will be expected to prepare a proposal for their special topic.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EPSY 5320 Seminar in Educational Psychology

Description: In-depth exploration of contemporary topics in educational psychology. Offered for variable credit, 3-9 credit hours, maximum of 9 credit hours.

Credit hours: 3-9

Contact hours: Contact: 3-9 Other: 3-9

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

EPSY 5403 Issues in Adolescent Development

Description: Current issues in adolescent development in an educational context and culture, including self, family, peers, school and work relationships. Gender differences within culture, race and class examined. Current dilemmas explored using critical theory and action research.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EPSY 5463 Psychology of Learning

Description: Evaluation of, and application to, education, psychology, and other learning contexts of research-based, contemporary psychological theories of human learning. Course previously offered as ABSE 5463.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EPSY 5473 Psychology of Adult Learning

Description: Analysis of the psychological foundation of adult learning both in and out of learning programs across the lifespan. Differentiates among adults of all ages in terms of practice and performance in a variety of settings, including classroom, community, and work environments. Examines the intellectual, social, cultural, emotional, motivational, and performance components of the psychology of adult learning.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EPSY 5553 Motivation in Educational Contexts

Description: An overview of empirically informed theories of motivation from a psychological perspective with emphasis on contextual influences in and outside the classroom. Topics include beliefs about ability and intelligence, goals, casual attributions, the value of academic tasks, and psychological needs.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EPSY 5603 Developmental Issues in Instruction

Prerequisites: Three hours in developmental psychology, educational psychology or consent of instructor.

Description: Developmental issues in instruction at all levels from early childhood through adulthood. Specific impacts of developmental stages on the acquisition and retention of cognitive, affective and psychomotor development at various levels and contexts will be examined and applications to instruction will be provided.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EPSY 5663 Creativity for Teachers

Description: Theoretical origins of creativity and their concomitant applications in the learning environment. Blocks to creative thinking, imagination, imagery, creativity testing, developing ideas and innovations, creative problem solving and teaching techniques and methods to maximize creative potential in all kinds and types of students. Course previously offered as ABSE 5663.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EPSY 5713 Transpersonal Human Development

Description: Human development in terms of individual consciousness, focusing on the implications of such extraordinary states of consciousness as those associated with hallucinogenic drugs and mystical religious experience. Integration of psychological and religious interpretations of development. Applications to practical problems in education and psychology. Course previously offered as ABSE 5713.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EPSY 5720 Educational and School Psychology Workshop

Description: Workshop on various topics related to educational and school psychology. Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.

Credit hours: 1-9

Contact hours: Contact: 1-9 Other: 1-9

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

EPSY 5773 Individual Intellectual Assessment

Description: Intensive study of various intelligence and achievement batteries, including the Wechsler scales and the Woodcock Johnson Tests of Achievement. Emphasis and practice in administration, scoring, interpretation. Further emphasis on issues related to report writing, non-discriminatory assessment, and the history of intelligence testing.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EPSY 5963 Developing Resources to Support Educational Programs

Description: Development, management and evaluation of programs in intra- and extra-class settings. Program types include parent, volunteer, mentor, tutor, group sponsors in technology, business involvement, curricular enhancement and service learning. Developing community and business interest through public relations, financial development, grantsmanship or resource information sources. Developing Internet resources to support learners. Course previously offered as EPSY 5962.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EPSY 5983 Instructional Effectiveness in Higher Education

Prerequisites: Graduate standing or consent of instructor.

Description: For teaching assistants in all areas. The many aspects of teaching in higher education. Both theory, e.g., traditional instructional design and practical applications, e.g., how to create a lecture. Issues related to instructional design, development of classroom climate, understanding and assessment of students, classroom practices, materials creation for teaching and development of support systems.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EPSY 6000 Doctoral Dissertation

Prerequisites: Consent of advisory committee chairperson.

Description: Report of research conducted by a student in the doctoral program in educational school psychology. Credit given and grade assigned upon completion and acceptance of the doctoral thesis. Offered for variable credit, 1-25 credit hours, maximum of 25 credit hours.

Credit hours: 1-25

Contact hours: Contact: 1-25 Other: 1-25

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

EPSY 6001 Colloquium II: The Job Search in Educational Psychology and Related Fields

Description: Discussion of issues related to the job search process in educational psychology and related fields.

Credit hours: 1

Contact hours: Contact: 1 Other: 1

Levels: Graduate

Schedule types: Discussion

Department/School: Educ Found Leadersh & Aviation

EPSY 6043 Adult Development

Description: Theory and research concerning human development during the adult years. Practical applications for serving adult populations in education and education-related settings. Course previously offered as ABSE 6043.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EPSY 6110 Seminar in School Psychology

Description: An assessment of psychological techniques applied to problems encountered in the internship. Course previously offered as ABSE 6110. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

Credit hours: 1-3

Contact hours: Contact: 1-3 Other: 1-3

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

EPSY 6153 Advanced Research in Educational Psychology

Description: Research in educational psychology in areas such as recent trends in the field, exploration of research designs in Educational Psychology, writing and dissemination of research, ethics and collaboration, and development of skills to be competent consumers of the literature.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EPSY 6163 Emotion and Cognition

Description: The relationship between emotion and cognition as it relates to knowing and learning. History, wisdom and the interdependence of affect and cognition, the effects of mood on memory, emotion in feminist epistemology, the role of feeling in the writing process, intuition, and narrative thought. Exploration of potential research. Course previously offered as ABSE 6163.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EPSY 6213 Advanced Educational Psychology

Prerequisites: Three hours in developmental psychology or consent of instructor.

Description: Learning and its effect upon coping and adjustment. How learning, environmental and personality factors interact to change human behavior. Course previously offered as EPSY 5213.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EPSY 6323 Psychological Consultation

Prerequisites: Admission to graduate program in the SAHEP or psychology program.

Description: Models and strategies for the delivery of special services in the schools and other agencies that focus on serving the mental health needs of children, adolescents and adults. The use of consultation as a problem solving alternative to the assessment/label approach. Same course as CPSY 6323, students can receive credit in only one of the courses. Course previously offered as ABSE 6323.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EPSY 6443 Theories and Problems in Educational Psychology

Prerequisites: Admission to the doctoral program in educational psychology or consent of instructor.

Description: Theoretical foundations and nature of the problems studied in educational psychology; current issues and historical overview.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EPSY 6460 Internship in Educational Psychology

Prerequisites: Consent of instructor.

Description: May be repeated for credit when work assignment varies. Required of all teaching assistants in educational psychology during the first semester of each new teaching assignment. Includes cooperative planning and evaluation. Course previously offered as ABSE 6460.

Offered for variable credit, 1-9 credit hours, maximum of 9 credit hours.

Credit hours: 1-9

Contact hours: Contact: 1-9 Other: 1-9

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

EPSY 6533 Human Motivation

Description: A theoretically-oriented approach to the concept of motivation; essential precursors to human behavior and applications to the solution of real and hypothetical problems. Course previously offered as ABSE 6533.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

EPSY 6850 Directed Readings in Educational and School Psychology

Prerequisites: Consent of instructor.

Description: Directed reading for students with advanced graduate standing in educational and school psychology. Course previously offered as ABSE 6850. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

Credit hours: 1-6

Contact hours: Contact: 1-6 Other: 1-6

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

EPSY 6880 Internship in Education

Prerequisites: Admission to advanced graduate program and consent of area coordinator.

Description: Directed off-campus experiences designed to relate ideas and concepts to problems encountered in the management of the school program. Course previously offered as ABSE 6880. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

Credit hours: 1-6

Contact hours: Contact: 1-6 Other: 1-6

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

HESA 1113 Orientation in Student Athletics

Description: To assist students to better understand and comply with the academic and athletic demands on student-athletes at a NCAA Division I university, including NCAA compliance issues. Previously offered as SDEV 1113.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 1512 President's Leadership Council I

Prerequisites: Selection to President's Leadership Council.

Description: Ethical leadership concepts, theories, and competencies, introduced through the study of leadership, civic engagement, and ethics. May not be used for degree credit with HESA 3013.

Credit hours: 2

Contact hours: Lecture: 2 Contact: 2

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 1521 President's Leadership Council II

Prerequisites: Selection to President's Leadership Council.

Description: Observe, analyze, and participate in leadership experiences and civic engagement activities. May not be used for degree credit with HESA 3013.

Credit hours: 1

Contact hours: Lecture: 1 Contact: 1

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 2191 Residential Learning: Philosophies for Student Success

Description: Examines leadership and builds personal competencies using the lens of personal identity combined with the three-pillar student affairs philosophy of student leadership, community living, and student learning.

Credit hours: 1

Contact hours: Lecture: 1 Contact: 1

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 2513 Foundations of Ethical Leadership

Prerequisites: 24 hours in good standing; admission into the UGLC or consent of instructor.

Description: Introduces students to a variety of theoretical views of ethics and leadership studies through the identification of contemporary ethical challenges and the development of foundational leadership skills to meet those challenges. Same course as EPSY 2513. Previously offered as EDLE 2513.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 3013 Leadership Concepts

Prerequisites: 12 hours completed course work.

Description: Increases undergraduate student competence through the study of leadership concepts. Stresses communications, decision-making, leadership styles and theories and group dynamics. Attempts integration of theoretical concept with reality of application within the university community. Previously offered as SDEV 3013 and ABSE 3013.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 3091 Student Development Theory for Orientation Leaders

Prerequisites: Consent of instructor.

Description: Theories of student development. Topics include helping skills, student leadership community building, communication skills, and multicultural sensitivity. Application of theory to university orientation programs. Previously offered as SDEV 3091.

Credit hours: 1

Contact hours: Lecture: 1 Contact: 1

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 3092 Student Development Training for Resident Assistant

Description: Theories of student development. Topics include helping skills, community building, communication skills, and multicultural sensitivity. Application of theory to living groups. Previously offered as SDEV 3092 and ABSE 3092.

Credit hours: 2

Contact hours: Lecture: 2 Contact: 2

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 3113 Civic Leadership

Prerequisites: HESA 3013 or permission from instructor; and HESA 2513.

Description: Exploration of opportunities for citizens to act as leaders in the community where they live and work. Identifying/practicing leadership skills, habits and dispositions useful in working with local non-governmental organizations, municipal employees and elected officials to solve public problems.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 3613 International Perspectives on Ethics and Leadership

Description: Faculty-led international travel course focused on applying leadership and ethics theories in culturally diverse environments. Each class travels to a different international destination and includes the history of the region. Requires pre-trip and post-trip meetings and assignments.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 3910 Current Issues in Leadership

Description: Problems, trends, contemporary topics, and pertinent issues in leadership and/or student leadership development. Students will undertake concentrated study in selected areas. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

Credit hours: 1-3

Contact hours: Lecture: 1-3 Contact: 1-3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 4173 Careers in Higher Education and Student Affairs

Description: Introduces individuals to careers in the higher education and student affairs profession. Topics include historical understandings of American higher education and the emergence of student affairs, theories of college student development, and potential careers in higher education and student affairs.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 4513 Ethical Leadership for the Common Good

Prerequisites: HESA 2513 or EPSY 2513.

Description: Builds on foundational knowledge of ethical theory and leadership studies through application of ethical theory and leadership skills to specific contexts and evaluation of their results. Same course as EPSY 4503. Previously offered as EDLE 4513.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 4910 Leadership in Practice

Prerequisites: HESA 2513 or HESA 3013.

Description: The art and practice of leadership in community settings. Typically taking in the final year of coursework in the undergraduate minor in Leadership. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

Credit hours: 1-3

Contact hours: Lecture: 1-3 Contact: 1-3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 5000 Master's Thesis

Prerequisites: Consent of instructor.

Description: Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

Credit hours: 1-6

Contact hours: Contact: 1-6 Other: 1-6

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

HESA 5113 Civic Leadership and Community Engagement

Description: Focuses on the role of community-oriented people and institutions as leaders in their communities. Entities receiving particular attention include education, public health and health care, and non-governmental agencies/organizations working to make their communities more equitable.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 5173 Introduction to Student Affairs

Description: History, philosophy, and goals of student affairs units in colleges and universities; emphasis on practitioner roles and responsibilities. Previously offered as SDEV 5173.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 5213 Student Development Theory

Description: Examination of theories describing patterns of growth and development during the college years. Implications for the design of education practice on the college campus. Previously offered as SDEV 5213.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 5223 Career Development for College Students

Description: In-depth exploration of issues and contemporary theory related to the topic of career development for college students. Previously offered as SDEV 5223.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 5233 Advanced Student Development Theory

Prerequisites: HESA 5213.

Description: Focus is on contemporary and emerging theories of traditionally aged college student development from cognitive, spiritual, gender, racial identity, and student success families. Previously offered as SDEV 5233.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 5320 Seminar in Student Development

Prerequisites: Consent of instructor.

Description: In-depth exploration of contemporary problems in student development and student affairs administration. Previously offered as SDEV 5320. Offered for variable credit, 3-6 credit hours, maximum of 6 credit hours.

Credit hours: 3-6

Contact hours: Lecture: 3-6 Contact: 3-6

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 5333 Introduction to Hidden Student Populations

Description: Introduction and exploration of hidden student populations across the secondary and postsecondary systems. Consideration of theory, research, and related practitioner concepts, as well as leadership and policy considerations. Previously offered as SDEV 5333.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 5340 Hidden Student Populations

Prerequisites: HESA 5333.

Description: Collection of six-week, one-hour courses, each of which provides in-depth study of a selected hidden student population. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

Credit hours: 1-3

Contact hours: Lecture: 1-3 Contact: 1-3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 5343 Assessment Techniques for Higher Education and Student Affairs Professionals

Description: General orientation to assessment for professionals in higher education and student affairs. Applied assessment concepts and practices in higher education.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 5433 Practicum in Hidden Student Populations

Prerequisites: HESA 5333 and admission to the graduate certificate in hidden student populations.

Description: Practicum opportunities serving hidden student population(s) under supervision of, or concert with, college or university service units and/or other appropriate on- and off-campus settings. Course is the culminating experience in the graduate certificate in hidden student populations. Previously offered as SDEV 5433.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 5463 Legal Issues in Student Affairs

Prerequisites: HESA 5173 or HESA 6173.

Description: Legal issues confronted by entry-level student affairs practitioners, how to recognize these issues, and how to act within the parameters of the law. Previously offered as SDEV 5463.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 5653 Research to Practice in Higher Education and Student Affairs

Description: Addresses the research-to-practice-to-research cycle for higher education professionals. Focuses on developing skills and knowledge for understanding, critiquing, and applying research to practice, as well as the role of practitioners in identifying additional areas of needed research.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 5720 HESA Creative Component

Prerequisites: Instructor approval.

Description: For approved students to complete the creative component. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

Credit hours: 1-6

Contact hours: Contact: 1-6 Other: 1-6

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

HESA 5733 Environmental Theory and Student Affairs

Prerequisites: Consent of instructor.

Description: Examination of campus environmental theory providing an understanding of campus environments approach to student affairs practice. Previously offered as SDEV 5733.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 5813 Leadership and Development of Higher Education Organizations

Description: Leadership theory and development of higher education institutions.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 5903 Capstone in Higher Education and Student Affairs

Description: Refine analytical frameworks and hone skills for responding to administrative challenges and opportunities in U.S. institutions of higher education. The course also provides an accountability structure to complete the creative component and professional portfolio requirements.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 5953 Organizational Development for Higher Education

Description: Scholar-practitioner approaches to understanding and developing higher education organizations.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 5973 Foundations of Higher Education

Description: Overview of the historical background and philosophical foundations of American higher education. Previously offered as EDLE 5973.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 5983 Administrative Issues in Higher Education

Description: Overview of the organization and administration operations and analyses of social, political and legal influences on colleges and universities. Previously offered as EDLE 5983.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 6000 Doctoral Dissertation

Prerequisites: Consent of instructor.

Description: Required of all candidates for doctorate in Educational Leadership and Policy Studies. Offered for variable credit, 1-9 credit hours, maximum of 15 credit hours.

Credit hours: 1-9

Contact hours: Contact: 1-9 Other: 1-9

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

HESA 6123 College Student Sexuality

Description: Exploration of historical and contemporary knowledge in the areas of college student sexuality, postsecondary sexual health education, gender diverse identities, and sexual identity development. Consideration of the construction of collegiate identities over time, and examination of how institutions of higher learning have influenced, regulated, or intersected with student sexualities, identities, and education throughout history and into present day.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 6163 International Issues in Higher Education

Description: Examines current international issues in higher education.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 6173 Administrative Issues in Student Affairs

Description: Develops an understanding of the history, philosophy, student life, critical issues and administration of student personnel work in higher education. Previously offered as SDEV 6173.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 6213 Higher Education Student Personnel Services

Prerequisites: HESA 6173 or consent of instructor.

Description: Higher education student personnel services such as: admissions, orientation, student activities, financial aids, housing, and counseling. Previously offered as SDEV 6213.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 6233 Critical Issues in Higher Education and Student Affairs

Description: Issues that have shaped and are shaping the practice of higher education and student affairs administration in American society. Previously offered as EDLE 6233.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 6243 Internship in Higher Education and Student Affairs I

Prerequisites: Consent of instructor.

Description: Work and study opportunities under supervision in higher education and student affairs functional areas and/or college or university administrative units, and other appropriate work settings. Previously offered as HESA 6220.

Credit hours: 3

Contact hours: Contact: 3 Other: 3

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

HESA 6253 Internship in Higher Education and Student Affairs II

Prerequisites: Consent of instructor and HESA 6243.

Description: Work and study opportunities under supervision in higher education and student affairs functional areas and/or college or university administrative units, and other appropriate work settings. This course represents a second internship that follows HESA 6243.

Credit hours: 3

Contact hours: Contact: 3 Other: 3

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

HESA 6463 Higher Education Law

Description: National and state constitutional provisions, laws, and court cases concerning higher education. Considerable legal research required. Previously offered as EDLE 6463.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 6553 Public Policy and Higher Education

Description: Examines the relationships between government and higher education in the United States, focusing on the roles and impacts of policy arenas beyond the local college or university.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 6573 Institutional Research and Policy Analysis

Description: Introduction to the processes and procedures of institutional research and policy analysis, as they are utilized within the context of American higher education.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 6583 The Impact of College on Students and Society

Description: The psychological and sociological impact that attending four-year colleges and universities has on undergraduates from their freshman year until they graduate.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 6603 Organizational Theory and Administration of the Higher Education Organization

Description: Selected theories in organizational structure, culture, politics and complexity. Functions and principles of administering higher education organizations considering internal, external and contemporary forces.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 6683 The U.S. Two-Year/Community College

Description: The U.S. two-year/community college including historical and philosophical development, contemporary mission, curricula, students and the learning process, faculty and instruction, administration and governance, and funding. Principles, practices and problems of two year/community colleges in the U.S. Previously offered as EDLE 6683.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 6703 Finance in Higher Education

Description: Problems and prospects of financing American education, with in-depth discussion of selected topics, e.g., social capital, federal aid, faculty salaries and state support. Previously offered as EDLE 6703.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 6710 Special Problems in Higher Education and Student Affairs

Description: Focused study of recurrent or unique problem(s) in higher education and student affairs. Offered for variable credit, 1-4 credit hours, maximum of 8 credit hours.

Credit hours: 1-4

Contact hours: Contact: 1-4 Other: 1-4

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

HESA 6713 Effective Teaching in College and Universities

Description: Relevant research and practice about effective college teaching, role of faculty in higher education settings, and development of teaching strategies and lessons for application in college classrooms. Previously offered as EDLE 6713.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 6733 Planning and Educational Change

Description: Organizational and environmental parameters, sources of change, barriers to change, and strategies for planning and implementing organizational change. Previously offered as EDLE 6733.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 6753 Historical Development of Higher Education

Description: History and development of higher education, studies of objectives and functions of institutional types and of students and faculty. Previously offered as EDLE 6753.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 6803 Administration in Higher Education

Description: Functions and principles of administration in higher education from historical and contemporary points of view. Both internal and external forces acting on the institution treated. Previously offered as EDLE 6803.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 6823 Educational Leadership

Description: Leadership and the implications of leadership across contexts, cultures and time. Previously offered as EDLE 6823.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 6833 College and University Presidency

Description: The role and function of the presidency. For those who anticipate a career in college and university administration or a related management position. Previously offered as EDLE 6833.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 6843 The Academic Department

Description: Organization and administration in higher education emphasizing an analysis of the academic department and its leader, the department head. Previously offered as EDLE 6843.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 6850 Directed Readings in Higher Education and Student Affairs

Prerequisites: Consent of instructor.

Description: Directed reading for students with advanced graduate standing. Offered for variable credit, 1-6 credit hours, maximum of 9 credit hours.

Credit hours: 1-6

Contact hours: Contact: 1-6 Other: 1-6

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

HESA 6853 Research Traditions in Higher Education and Student Affairs

Description: Exploration of advanced integrated research strategies and the development of designs and methods supporting the field of higher education and student affairs administration. Previously offered as EDLE 6853.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 6863 University and College Campus Culture

Description: This course examines the concept of institutional and collegiate culture as a lens to understanding higher education institutions and their various stakeholders. Previously offered as EDLE 6863.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 6870 Seminar in Higher Education and Student Affairs

Description: Topical issues related to higher education and student affairs. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.

Credit hours: 1-3

Contact hours: Lecture: 1-3 Contact: 1-3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

HESA 6903 Dissertation Proposal Writing

Description: Assists doctoral candidates in the Higher Education and Student Affairs program with the development of Chapters One through Three of their dissertation proposals.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

LBSC 1011 Library and Internet Information Competencies

Description: Introduction to the organization, retrieval and evaluation of information found in research libraries and on the Internet. Development of information-seeking competencies using both print resources and electronic databases.

Credit hours: 1

Contact hours: Lecture: 1 Contact: 1

Levels: Undergraduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

LBSC 5013 Library Media Center in the Schools

Description: Effective utilization of the centralized school media center for the teaching-learning process. Course previously offered as LBSC 3050.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

LBSC 5113 Selection and Organization of Informational and Educational Resources

Description: Selection, evaluation, organization and use of informational and educational resources.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

LBSC 5413 Organization of Information

Description: Basic principles of the organization of information in schools. Information and knowledge organization techniques that exist or are emerging and focuses on standards and tools that are used in educational environments. Course previously offered as LBSC 4414.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

LBSC 5613 Library Networks and Databases

Description: Introduction to the organization, retrieval and evaluation of information found in research libraries and on the Internet. Development of information-seeking competencies using both print resources and electronic databases.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

LBSC 5823 Administration of School Library Media and Technology Programs

Description: Vision of, planning, organizing, policy making, staffing, budgeting, decision-making and evaluating a standards-based school library media or school technology program.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

REMS 5000 Master's Thesis

Prerequisites: Consent of instructor.

Description: Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

Credit hours: 1-6

Contact hours: Contact: 1-6 Other: 1-6

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

REMS 5013 Research Design and Methodology

Description: An introduction to the concepts of research design, methodology, sampling techniques, and internal/external validity and the scientific method in educational problem solving. Critical analysis of educational research studies and the writing of proposals. Previously offered as ABSE 5013.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

REMS 5320 Seminar in Research, Evaluation, Measurement and Statistics

Prerequisites: Consent of instructor.

Description: In-depth exploration of contemporary problems of research, evaluation, measurement, and statistics. Previously offered as ABSE 5320. Offered for variable credit, 3-6 credit hours, maximum of 6 credit hours.

Credit hours: 3-6

Contact hours: Contact: 3-6 Other: 3-6

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

REMS 5330 Practicum in REMS

Description: Apply skills and concepts of educational research, evaluation, measurement and statistics (REMS) and gain professional experience in a mentored applied setting. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

Credit hours: 1-3

Contact hours: Contact: 1-3 Other: 1-3

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

REMS 5373 Educational Measurements

Description: Appropriate applications of tests in the schools.

Development of teacher-made tests, selection of standardized tests, interpretation of test results, understanding of the statistics reported in testing literature, uses of test results, and recent developments in educational measurement. Previously offered as ABSE 5373.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

REMS 5953 Statistical Methods in Education

Description: Statistical methods needed by conductors and consumers of research in education and the behavioral sciences. Introduction to interpretation and application of descriptive and inferential statistics. Previously offered as ABSE 5953.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

REMS 5963 Computer Applications in Nonparametric Data Analyses

Description: Presents popular nonparametric statistical methods as applied to educational and behavioral research. Emphasis on conceptual, rather than mathematical development, application, use of computer for data analysis, and substantive interpretation.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

REMS 6000 Doctoral Dissertation

Prerequisites: Consent of instructor.

Description: Required of all candidates for doctorate in applied behavioral studies. Credit given upon completion and acceptance of dissertation. Offered for variable credit, 1-25 credit hours, maximum of 25 credit hours.

Credit hours: 1-25

Contact hours: Contact: 1-25 Other: 1-25

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

REMS 6003 Analyses of Variance

Prerequisites: REMS 5013 and REMS 5953 and admission to a doctoral level program or consent of instructor.

Description: A thorough examination of analysis of variance procedures as they relate to principles of experimental design in education and behavioral sciences.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

REMS 6013 Multiple Regression Analysis in Behavioral Studies**Prerequisites:** REMS 6003 or consent of instructor.**Description:** Applications of multiple regression as a general data analysis strategy for experimental and non-experimental research in behavioral sciences. Previously offered as ABSE 6013.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**REMS 6023 Psychometric Theory****Prerequisites:** REMS 6013 or consent of instructor.**Description:** Theoretical basis for applying psychometric concepts to educational and psychological measurement. The Classical True Score model and applications to instrument development and design of studies for evaluating instrument quality. Previously offered as ABSE 6023.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**REMS 6033 Factor Analysis in Behavioral Research****Prerequisites:** REMS 6013 or equivalent.**Description:** In-depth analysis of principal components and factor analysis methods, including maximum likelihood methods. Confirmatory factor analysis methods are also introduced.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**REMS 6320 Doctoral Seminar in REMS****Prerequisites:** Permission of instructor.**Description:** Theory and applications of selected advanced research and evaluation methods. Previously offered as REMS 6323. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Educ Found Leadersh & Aviation**REMS 6373 Program Evaluation****Prerequisites:** REMS 5013 and admission to a doctoral level program or consent of instructor.**Description:** History, contexts, purposes and approaches of evaluating programs in a variety of settings. Emphasis on logic models and evaluation planning, design, data collection, analysis, reporting, and use of results. Applications include writing an evaluation plan for a real-world program. Previously offered as ABSE 6373.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**REMS 6383 Program Evaluation II****Prerequisites:** REMS 6373.**Description:** Builds upon students' knowledge, understanding and application of program evaluation approaches and techniques. Emphasis on practical application of knowledge and standards by conducting a program evaluation for an existing program.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**REMS 6663 Applied Multivariate Research in Behavioral Studies****Prerequisites:** REMS 6013 or consent of instructor.**Description:** An overview and analysis of multivariate procedures commonly applied to educational and behavioral research. Emphasis on conceptual design and application of these procedures. Previously offered as ABSE 6663.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**REMS 6673 Item Response Theory****Prerequisites:** REMS 6003 and REMS 6023 or consent of instructor.**Description:** Concepts, theory, and application of item response theory (IRT) in educational and psychological fields with computer applications for data analysis.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**REMS 6683 Multilevel Modeling Methods in Education****Prerequisites:** REMS 5953, REMS 6003, REMS 6013 or consent of instructor.**Description:** Multilevel modeling analyses relevant to research in educational and related sciences. Emphasis on practical, hands-on development, analysis, and interpretation of multilevel models.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**REMS 6693 Structural Equation Modeling for Behavioral and Educational Research****Prerequisites:** REMS 6003, REMS 6013, REMS 6033, and REMS 6663 or permission of instructor.**Description:** Concepts, theory, and application of SEM in behavioral research with computer applications for data analysis.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation

REMS 6850 Directed Reading**Prerequisites:** Consent of instructor.**Description:** Directed reading for students with advanced graduate standing. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Educ Found Leadersh & Aviation**SCFD 2001 Religious Diversity & Education (D)****Description:** Explores philosophical questions relating to the role of religion in education in culturally diverse democracies, relevant school law and policy, and instructional and curricular challenges faced by teachers and school leaders.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**General Education and other Course Attributes:** Diversity**SCFD 2331 Cineculture: International Issues (IS)****Description:** Using documentary film, examines international issues relating to broader topics of race/ethnicity, gender, class, sexuality, (dis)ability, etc., through scholarship from the field of social foundations of education (history, philosophy, sociology, and anthropology).**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**General Education and other Course Attributes:** International Dimension, Society & Human Behavior**SCFD 3223 Role of Teacher in American Schools (D)****Description:** An introduction for those students wishing to pursue the teaching profession. An overview of teaching and policy in American schools and background in history, theory, and philosophy of education. Topics to be addressed include: diversity in schools; school governance; funding and organization; ethics and professionalism; curriculum; legal issues; pedagogy and current issues in education. Previously offered as CIED 3223 and CIED 2113.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Teaching, Learning, Ed Science**General Education and other Course Attributes:** Diversity**SCFD 4123 History of Education (S)****Description:** The development of major educational ideas and programs with emphasis on the growth of public education in the United States from the Colonial period to the present. Previously offered as CIED 4123.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**General Education and other Course Attributes:** Society & Human Behavior**SCFD 4320 Special Topics in Social Foundations****Description:** Focused exploration of a contemporary problem or issue in social foundations. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.**Credit hours:** 1-3**Contact hours:** Lecture: 1-3 Contact: 1-3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**SCFD 4913 International Issues and the Role of the School****Description:** International issues that shape educational perspectives and practices locally and globally. Consideration of major issues in education, such as the effects of globalization, the purpose of and right to an education, gender, indigenous knowledge, and global citizenship. Previously offered as CIED 4913.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**SCFD 5000 Master's Report or Thesis****Description:** Students studying for a master's degree enroll in this course for a total of 2 credit hours if they write a report, or 6 hours if they write a thesis. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Educ Found Leadersh & Aviation**SCFD 5020 Master's Final Project****Prerequisites:** Instructor approval.**Description:** For students to complete the creative Master's project or experiential fieldwork. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Educ Found Leadersh & Aviation**SCFD 5023 The Comparative Approach: Theory, Method, and Practice****Description:** Provides necessary analytical and practical skills needed for the application of comparative method and its usefulness for research within the Social Sciences.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation

SCFD 5123 History of Education**Prerequisites:** Graduate standing.**Description:** History of elementary, secondary, and higher education with emphasis on Western society and the American schools. Discussion of historiography and historical methods with research emphasis on the impact of institutional development in a pluralistic society. Previously offered as SCFD 5823 and SCFD 6823.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**SCFD 5223 Role of Teacher in American Schools****Prerequisites:** Graduate level standing.**Description:** An introduction for those students wishing to pursue the teaching profession. An overview of teaching and policy in American schools and background in history, theory, and philosophy of education.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**SCFD 5713 Educational Philosophy****Description:** Advanced study of key philosophers in Western history whose ideas have greatly influenced educational theories and practices. Contemporary philosophical debates of educational issues.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**SCFD 5720 Education Workshop****Description:** For teachers, principals, superintendents, and supervisors who have definite problems in instruction or administration. Students must register for the full number of credit hours for which the workshop is scheduled for a particular term. Offered for variable credit, 1-8 credit hours, maximum of 8 credit hours.**Credit hours:** 1-8**Contact hours:** Contact: 1-8 Other: 1-8**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Educ Found Leadersh & Aviation**SCFD 5850 Directed Study****Description:** Directed study for master's level students. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Educ Found Leadersh & Aviation**SCFD 5873 Culture, Society and Education****Description:** Cultural assumptions, constructions and social practices in childhood and education in a variety of societies. Children's family, community and school lives. Anthropological and comparative perspective.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**SCFD 5883 Educational Sociology****Description:** The manner in which social forces and institutions influence education and the educational system in the United States. Previously offered as CIED 5883.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**SCFD 5913 Introduction to Qualitative Inquiry****Description:** Examination of the major approaches and fieldwork techniques of qualitative research as well as the challenges associated with conducting this form of inquiry.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**SCFD 5923 Popular Culture and Education****Description:** Investigation and analysis of the ways popular culture socializes and educates young people in social and school norms. Considers connections among popular culture, youth identity, relationships, resistance and activism.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**SCFD 5990 Problems and Issues in Social Foundations****Description:** In-depth exploration of a contemporary problem or issue in the social foundations of education. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Educ Found Leadersh & Aviation**SCFD 5993 Urban Education****Description:** Examines the historical, political, economic and sociocultural contexts of urban education as it pertains to students, teachers, administrators, and community members. Previously offered as SCFD 5998.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Educ Found Leadersh & Aviation**SCFD 6000 Doctoral Dissertation****Description:** Required of all candidates for the Doctor of Philosophy degree. Credit is given upon completion of the dissertation. Offered for variable credit, 1-25 credit hours, maximum of 25 credit hours.**Credit hours:** 1-25**Contact hours:** Contact: 1-25 Other: 1-25**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Educ Found Leadersh & Aviation

SCFD 6023 Comparative Education

Description: A systematic investigation of educational institutions in various nations for the purpose of an enlarged, critical view of American education. Researching specific transnational educational theories. Previously offered as SCFD 5023.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

SCFD 6113 Theoretical Foundations of Inquiry

Description: Exploration of the history and philosophical assumptions undergirding theories, methods and issues of ethics and rigor associated with both qualitative and quantitative research in education and related fields. An in-depth overview of research paradigms through readings and discussions. Foundational doctoral-level research course. Previously offered as EDLE 6853.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

SCFD 6123 Qualitative Research I

Prerequisites: SCFD 6113 or consent of instructor.

Description: The traditions, philosophies, and techniques of qualitative research, including participant observation, interviewing and document analysis. Practice in qualitative techniques and in preliminary data analysis.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

SCFD 6163 Ethnography

Prerequisites: SCFD 5913 or SCFD 6123, or other graduate level qualitative methods course.

Description: Theoretical and historical grounding of ethnography as a methodology, exposure to diverse ethnographic approaches such as autoethnography, critical, visual and feminist ethnographies, and opportunities to conduct a small scale ethnography project.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

SCFD 6173 Visual Methodologies

Prerequisites: SCFD 5913 or SCFD 6123, or other graduate level qualitative methods course.

Description: Practical guidance, theoretical orientation, and ethical considerations in the creation and interpretation of visual culture and its use with different qualitative methodologies.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

SCFD 6183 Narrative Research Methodologies

Prerequisites: SCFD 5913 or SCFD 6123, or other graduate level qualitative methods course.

Description: Theoretical grounding, research design, and practice in qualitative narrative research methodologies such as narrative inquiry, auto/biography and life history.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

SCFD 6190 Qualitative Research: Selected Methods

Prerequisites: Honors Program participation, junior standing.

Description: Study of select qualitative methods to get a "hands on" feel for the method. Methods include classic and new approaches such as arts-based, biography, case study, discourse analysis, ethnography, grounded theory, historical social science, phenomenology, writing and representation. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

Credit hours: 1-3

Contact hours: Contact: 1-3 Other: 1-3

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

SCFD 6193 Qualitative Research II

Prerequisites: SCFD 6123, SCFD 6133 or consent of instructor.

Description: Various approaches to qualitative data analysis, including the use of computer applications. Additional attention to issues of writing, representation, reflexivity, and reciprocity. Practice in analytic techniques and writing research.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

SCFD 6443 Ethics and Moral Education

Description: Interdisciplinary perspective of traditional and contemporary ethical theories, focusing on application to professional practice and moral education. Moral development, the moral life, feminist ethics, and character education.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

SCFD 6501 Curriculum and Social Foundations Doctoral Seminar I

Description: Orientation to doctoral study primarily for students in the PhD program in Curriculum and Social Foundations.

Credit hours: 1

Contact hours: Lecture: 1 Contact: 1

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

SCFD 6511 Curriculum and Social Foundations Doctoral Seminar II

Description: Orientation to the professoriate primarily for students in the PhD program in Curriculum and Social Foundations.

Credit hours: 1

Contact hours: Lecture: 1 Contact: 1

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

SCFD 6630 Topics in Philosophy Education

Description: Consideration of topic or topics (e.g. childhood and modern subjectivity) that are of great concern to the field of philosophy of education. Offered for variable credit, 3-6 credit hours, maximum of 6 credit hours.

Credit hours: 3-6

Contact hours: Lecture: 3-6 Contact: 3-6

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

SCFD 6850 Directed Reading

Description: Directed reading for students with advanced graduate standing to enhance students' understanding in areas where they wish additional knowledge. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

Credit hours: 1-6

Contact hours: Contact: 1-6 Other: 1-6

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

SCFD 6853 Anthropology of Education

Description: Understanding and critically reflecting on educational issues from a cultural anthropological perspective. Developing the knowledge and skills needed to understand cultural influences on teaching and learning.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

SCFD 6880 Internship in Education

Description: Directed off campus experiences designed to relate ideas and concepts to problems encountered in the management of the school program. Offered for variable credit, 1-8 credit hours, maximum of 8 credit hours.

Credit hours: 1-8

Contact hours: Contact: 1-8 Other: 1-8

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

SCFD 6883 Transforming Pedagogies

Description: Contemporary pedagogical theories and school reform initiatives, including origins, purposes, underlying philosophical assumptions, cultural contexts, and implications for schooling.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

SCFD 6910 Practicum

Description: The student carries out an acceptable research problem (practicum) in a local school situation. Credit given upon completion of the written report. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

Credit hours: 1-6

Contact hours: Contact: 1-6 Other: 1-6

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

SCFD 6983 Diversity and Equity Issues in Education

Description: Many social, historical and cultural constructions of "difference" and the impact in personal and professional relationships in education and related human service fields. Categories of race, class, and gender, but may also include ethnicity, sexual orientation, and special needs.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Educ Found Leadersh & Aviation

SCFD 6990 Seminar in Social Foundations

Description: In-depth seminar focusing on a contemporary problem or issue in the social foundations of education. Offered for variable credit, 1-3 credit hours, maximum of 9 credit hours.

Credit hours: 1-3

Contact hours: Contact: 1-3 Other: 1-3

Levels: Graduate

Schedule types: Independent Study

Department/School: Educ Found Leadersh & Aviation

Undergraduate Programs

- Aerospace Administration and Operations: Aerospace Security, BS (<http://catalog.okstate.edu/education-human-sciences/educational-foundations-leadership-aviation/aerospace-administration-operations-aerospace-security-bs/>)
- Aerospace Administration and Operations: Aviation Management, BS (<http://catalog.okstate.edu/education-human-sciences/educational-foundations-leadership-aviation/aerospace-administration-operations-aviation-management-bs/>)
- Aerospace Administration and Operations: Professional Pilot, BS (<http://catalog.okstate.edu/education-human-sciences/educational-foundations-leadership-aviation/aerospace-administration-operations-professional-pilot-bs/>)
- Aerospace Administration and Operations: Technical Service Management, BS (<http://catalog.okstate.edu/education-human-sciences/educational-foundations-leadership-aviation/aerospace-administration-operations-technical-service-management-bs/>)

Graduate Programs

Aviation and Space (AVED)

Timm Bliss, EdD—Professor and Program Coordinator for Graduate Studies

MS in Aviation and Space

The Master of Science in the Aviation and Space degree emphasizes aviation/aerospace management and leadership, legal and regulatory issues, aviation economics, airport operations, aerospace executive

decision making, and additional content regarding the aviation/aerospace industry and related government programs and missions. Students participating in this program come from a variety of academic and/or professional backgrounds including aviation, military, and government. The scope of this degree program is designed to prepare professional leaders for positions in the aviation/aerospace industry. To be considered for admission to the master's program, students must be admitted to both the OSU graduate college and the AVED program. Applicants are required to provide a statement of personal goals and objectives, two letters of recommendation addressing the applicant's abilities, interest, motivation, etc., and a copy of a current resume/Curriculum vitae. All MS students must complete coursework from research, core requirements, program emphasis, and elective courses to total 33 hours. Master's students must also complete a Creative Component for committee approval.

EdD in Applied Educational Studies/Aviation

The Doctor of Education (EdD) in Applied Educational Studies with the Aviation and Space Specialization emphasizes aviation leadership and executive development, administration of aviation institutions, risk assessment, influencing public policy in the aerospace industry, international aviation issues, and applied aviation and space research. The Space portion emphasizes the development of air and space flight; the earth's air, land and water systems; and the solar systems to include the sun, planets, and probes. Aviation and Space Program seeks doctoral candidates with strong intellects, proper educational preparation, breadth and depth of Aviation and Space experiences and the capacity for disciplined investigations. The Aviation and Space program provides advanced courses in the specific field of aviation and space for successful practice in the aerospace industry. Either the MAT or GRE test must be taken within five years prior to application to the program. All are required to submit a statement of personal goals and objectives, two letters of recommendation addressing the applicant's experiences, abilities, interest, motivation, etc., and a current resumé/curriculum vitae. Coursework must be completed from the professional core, program emphasis, field experiences and research in addition to 10 hours of doctoral dissertation, for a total of 60 hours of coursework beyond the Master's degree. The EdD degree requires a dissertation that is research-based in the student's field of specialization. Basic principles are used to emphasize the practical application of research.

The mission of the Aviation and Space graduate program has three essential components:

1. Cultivate exemplary undergraduate and graduate instruction through a professional atmosphere in which students learn, develop, promote integrity and contribute to the broader aerospace community.
2. Engage in applied aerospace research and scholarly initiatives that benefit industry, general aviation, government and the public.
3. Provide leadership, expertise, and professional development opportunities for aviation and aerospace professionals and the aerospace industry, and to promote a greater understanding of aerospace among the general public

Additional information can be found at the <https://education.okstate.edu/aado/index.html> (<http://flyosu.okstate.edu/>) website.

Educational Leadership (School Administration) (EDLE)

Katherine Curry, PhD—Professor and Program Coordinator (School Administration)

MS in Educational Leadership/School Administration or Workforce and Adult Education options

MS in Educational Leadership with a specialization in School Administration or Workforce and Adult Education: #To be considered for admission to the MS program in School Administration or Workforce and Adult Education, applicants are expected to have an earned baccalaureate degree with at least a 3.00 GPA (on a 4.00 scale) and career goals that match the program. Applicants must provide three appropriate recommendations, transcripts, and#required essays. Applicants may be asked to complete an interview with program faculty. Applications for the MS in School Administration or Workforce and Adult Education are accepted on a rolling basis; an applicant's file will be reviewed when all materials have been received and notification of the admission decision will follow shortly thereafter.

Graduate Certificate in Building Level Leadership

The Graduate Certificate in Building Level Leadership is intended for individuals seeking principal certification. This certificate documents partial fulfillment of state licensure requirements. To be considered for admission to the Graduate Certificate in Building Level Leadership, applicants are expected to have an earned master's degree with at least a 3.00 GPA (on a 4.00 scale) or plan of study in place for fulfillment of a master's degree and career goals that match the program. Applicants must provide three appropriate recommendations, transcripts, and required essays. Applicants may be asked to complete an interview with program faculty. Applications for the Graduate Certificate in Building Level Leadership are accepted on a rolling basis; an applicant's file will be reviewed when all materials have been received and notification of the admission decision will follow shortly thereafter.

Graduate Certificate in District Level Leadership

The Graduate Certificate in District Level Leadership is intended for individuals seeking superintendent certification. This certificate documents partial fulfillment of state licensure requirements. To be considered for admission to the Graduate Certificate in District Level Leadership, applicants are expected to have an earned master's degree or doctorate with at least a 3.00 GPA (on a 4.00 scale) or plan of study in place for fulfillment of a master's degree or doctoral degree and career goals that match the program. Applicants must provide three appropriate recommendations, transcripts, and required essays. Applicants may be asked to complete an interview with program faculty. Applications for the Graduate Certificate in District Level Leadership are accepted on a rolling basis; an applicant's file will be reviewed when all materials have been received and notification of the admission decision will follow shortly thereafter.

Graduate Certificate in Workforce and Adult Education

The Graduate Certificate in Workforce and Adult Education is designed to provide focused preparation for educational leadership in all areas of workforce development. The Workforce and Adult Education Graduate Certificate is designed to be a short term, 12-hour, stand-alone certificate for degreed professionals working to acquire the necessary skill set needed for training in a variety of settings. This certificate aligns with the direction of industry and educational institutions toward a more focused

approach to training and building skill sets as seen by the increase in alternative pathways to industry credentials and specialized instruction.

EdD in Educational Leadership with a Specialization in School Administration

To be considered for admission to the EdD program in School Administration, applicants must possess an earned master's degree with a minimum 3.00 GPA (on a 4.00 scale) and career goals consistent with SA program goals. The online application must include a career objectives statement, master's transcripts, a current vita or resume that includes a description of relevant work experience, at least one sample of scholarly work or a critical issues essay, and three letters of recommendation. Review of applications for Fall admission into doctoral programs will begin after March 15, the priority deadline for receipt of all application materials. Applications received after March 15 or for Spring matriculation will also be considered as space is available. Notification of decisions will follow soon thereafter.

PhD in Educational Leadership and Policy Studies/Educational Administration

Applicants for PhD program in Educational Administration must provide a current academic vita/resume, transcripts, a career objective essay, a critical issue essay, two examples of written work, three letters of recommendation and GRE (Graduate Record Exam) scores. The expected minimum scores are Verbal - 153, Quantitative - 149, and Writing - 4.5. GRE scores must not be over five years old at the time of application review. Additionally, program faculty may request an interview with the applicant. The PhD requires a one-year residency or comparable experience of at least nine hours for two semesters during coursework completion. Review of applications for PhD students are on a rolling basis. For fall admission, applications are due by March 15. Notification of decisions will follow soon thereafter.

EdS in Education/Educational Administration

The Educational Specialist degree in educational administration at Oklahoma State University – College of Education and Human Sciences is a 36-credit-hour, post-master's program that provides advanced graduate work for school leadership and administration. The focus is to prepare individuals for higher levels of educational administrative responsibility, typically in specialized positions in building and central office administration. Specific courses applied to the doctoral program are determined in consultation with the academic advisor and the School Administration Program Coordinator.

Application Deadline

Applications may be submitted at any time. Admissions are made on a rolling basis; students should receive notification of admission status within 4-6 weeks after all application materials are received. Admission review is initiated when applicants have applied to the Graduate College and their completed admission folders have been sent to College of Education and Human Sciences for faculty review.

Minimum Background Requirements

EdS Applicants must have:

- A Master's from a regionally accredited college or university with a 3.0 GPA,
- Approval of the admissions committee
- TOEFL or IELTS (if required to establish English proficiency)

Documents Required to be Submitted for Admission Review

- OSU Graduate application, including transcripts

- Typewritten goals statement (about 500 words) consistent with mission of school leadership
- Writing sample
- Current Resume (include a list of three references with contact information)
- Three letters of reference

Interview

The program faculty may request an interview with applicants as a requirement for admission.

Learning, Design, and Technology (EDTC)

Penny Thompson, PhD— Professor and Program Coordinator

The mission of Oklahoma State University's Learning, Design, and Technology program is to facilitate the growth of scholars and educational technology professionals through rigorous programs of study that provide exceptional hands-on, collaborative and innovative learning, research and service experiences and are highly regarded at the international, national, state and university levels. The program website, edtech.okstate.edu (<http://edtech.okstate.edu/>), offers greater detail.

MS in Educational Technology - Options: Educational Technology and School Library Media

The MS in Educational Technology is for students interested in furthering their knowledge, skills and opportunities in the area of educational technology and school library media. This degree will enhance their marketability and, in the case of the School Library Media option, provide credentials necessary for recommendation for this particular area of teacher certification. In addition to the core focus on educational technology, candidates pursuing School Library Media certification will also be immersed in the areas of information literacy, curriculum leadership and program administration, meeting ALA accreditation standards through CAEP. To be considered for admission to the master's program, applicants should have an earned baccalaureate degree with at least a 3.00 GPA (on a 4.00 scale), a professional goals statement and three letters of recommendation providing information related to past academic ability, potential for graduate study and writing ability. Applicants to the School Library Media option must also hold a teaching certificate. Applications will be reviewed upon receipt of all materials.

Graduate Certificate in School Library Media Certification

This certificate is for those who already hold a master's degree and initial teaching certificate and want to add-on School Library Media advanced certificate in the State of Oklahoma.

Graduate Certificate in Online Teaching

The Graduate Certificate in Online Teaching offers students the opportunity to add pedagogical and technological skills to their existing content knowledge within a model online learning environment and emerge prepared to design, develop, deliver and sustain online learning in an educational institution. This certificate is often used as a cognate area for PhD programs across campus. Applications are reviewed as received, but all cohorts begin in the fall semester. Applications must be submitted by July 1.

PhD in Education/Learning, Design and Technology

For those seeking a doctoral-level degree emphasizing educational technology, we offer the PhD in Education with an option in Learning,

Design and Technology. The focus of the program is on the core areas of the field: design, development, utilization, production, and evaluation of instructional systems, human computer interaction and technology applications to support learning and teaching. The doctoral program emphasizes research using educational technology in applied settings. The PhD degree in Learning, Design and Technology option prepares future researchers for a variety of professional positions. Graduates are typically employed as university faculty, educational technologists in universities, community colleges, and schools or as training managers or instructional designer/developers in corporate settings. The PhD in Education degree requires a minimum of 69 credit hours beyond the master's degree. Applicants must apply to the OSU Graduate College and include a recent score from the Graduate Record Exam or the Miller Analogies Test, a Statement of Goals and Objectives, references and examples of scholarly writing. An interview may be requested.

The student association for this program is the Educational Media and Technology Student Association. The purpose of this group is to engage undergraduate and graduate students interested in this field in activities that will serve to enhance their academic experience through special speakers, service projects and social activities.

The Learning, Design, and Technology faculty is committed to involving students in a variety of experiences that will enhance their professional careers. Students help facilitate the College's Emerging Technologies and Creativity Lab (<http://edtech.okstate.edu/techplayground/>). Faculty work with students to present papers at national conferences and to submit manuscripts to professional journals. Students participate in Educational Technology courses, grant projects, and service and outreach to educational groups. Graduate assistantships in teaching and research are often available. Each student has the opportunity to engage in rich internship and practicum experiences designed with the individual learner's goals in mind.

Educational Psychology (EPSY)

Mike S. Yough, PhD—Assistant Professor and Coordinator

MS in Educational Psychology

A master's degree in educational psychology is available as an option within the MS in educational psychology. Educational psychology emphasizes the application of psychological theory and research in the field of education. Every educational psychology master's student takes basic courses in educational psychology and research. For more information, see the website <https://go.okstate.edu/graduate-academics/programs/masters/educational-psychology-ms.html>. We have an option application for the MS degree in educational psychology.

PhD in Educational Psychology

The PhD in Educational Psychology includes areas of study in learning motivation cognition, instructional psychology, and human development. The programs prepare students for the role of teacher and researcher in educational and non-educational settings such as higher education, business, government, and communities.

The educational psychology PhD program is designed to provide students with maximum opportunity to individualize their programs according to their own interests, needs and professional goals. Applications for the PhD in Educational Psychology are due by January 15 for the following fall enrollment. For more information, see the website <https://go.okstate.edu/graduate-academics/programs/doctoral/educational-psychology-phd.html>.

Research, Evaluation, Measurement and Statistics (REMS)

Jam Khojasteh, PhD—Associate Professor and Program Coordinator

The Research, Evaluation, Measurement and Statistics program offers MS and PhD degrees and three graduate certificates (see website). The MS program prepares students to function as staff members in research and evaluation units in school districts, governmental agencies, and private corporations and foundations. Graduates of the doctoral program are prepared to serve as college or university professors, directors of research and evaluation for public schools and universities, researchers for funded projects, state department of education consultants, and professional employees for test publishers and local, state and federal government agencies.

MS in Research, Evaluation, Measurement and Statistics

The MS degree requires a minimum of 36 credit hours. There are three options: either 36 hours of coursework plus a creative component; 32 hours of coursework plus a report (four thesis hours); or 30 hours of coursework plus a thesis (six thesis hours). The student's advisory committee may recommend additional coursework or thesis hours. Required courses include six hours in educational psychology and 24 hours in research and evaluation including a practicum. Students taking a non-thesis option must take additional courses from an approved list of electives. Master's students must take two qualifying examinations that cover the program core and the area of professional specialization.

PhD in Research, Evaluation, Measurement and Statistics

The PhD degree requires a university determined minimum of 60 hours beyond the master's degree or a minimum of 90 semester hours beyond the bachelor's degree. The typical doctoral student completes nine hours of common core coursework in educational psychology and 15 hours of common core coursework in integrated and extended inquiry; 18 hours of professional course hours (e.g., psychometric theory, applied multivariate research), a minimum of nine hours in a cognate area defined by the student and committee chair (e.g., mathematical statistics, institutional research, student development), and at least 15 dissertation hours. Students also select two applied experiences from a list of suggested experiences with the assistance and approval of the committee chair. PhD students must take two qualifying examinations that cover the program and core and the area of professional specialization.

Graduate Certificate in Program Evaluation

The Graduate Certificate in Program Evaluation is designed for students seeking to become more knowledgeable in program evaluation skills. The certificate enables students to have a critical understanding of key program evaluation techniques, including how to plan and design evaluations and logic models. Students will also gain practice in carrying out an actual program evaluation as a result of completing this certificate.

Graduate Certificate in Educational & Psychological Measurement

The Graduate Certificate in Educational and Psychological Measurement is designed for students seeking to develop skills necessary for conducting research studies that involve some type of knowledge test, personality assessment and other psychological survey. The certificate enables students to have an understanding of key statistical techniques and tools for analyzing data gathered from tests and surveys.

Coursework is designed to prepare students to critically evaluate the instruments they use in order to properly use them to measure or score respondents.

Graduate Certificate in Statistical Methods & Analyses in Education & Behavioral Sciences

The Graduate Certificate in Statistical Methods and Analyses in Education and Behavioral Sciences is designed for students seeking to strengthen skills for conducting research studies that involve data analysis, quantitative reasoning, use of data and knowledge of statistical methods. The certificate enables students to have a critical understanding of key statistical methods and analyses. Many graduate students use statistical procedures in their own research and gather data for these theses, dissertations or other projects. The coursework complied within this graduate certificate is designed to prepare students to critically evaluate statistical methods used and conduct the appropriate analyses given their data, hypotheses and research questions.

Higher Education and Student Affairs (HESA)

Tami L. Moore, PhD—Associate Professor and Program Coordinator

MS in Educational Leadership Studies

Option: Higher Education

To be considered for admission to the Master's program with an option in Higher Education, applicants are expected to have an earned baccalaureate degree with at least a 3.00 cumulative GPA (on a 4.00 scale) and career goals that match program learning objectives. Through the OSU Graduate College's online application, applicants must provide a career objective and personal goals essay, current academic vita or resume, and appropriate recommendations. Applicants may be asked to complete an interview with program faculty. Applications to all HESA Master's programs are accepted on a rolling basis. An applicant's file will be reviewed when all materials have been uploaded through the online application system. Notification of the admission decision will follow before the beginning of the next semester.

MS in Educational Leadership Studies

Option: College Student Development

To be considered for admission to the Master's program with an option in College Student Development, applicants are expected to have an earned baccalaureate degree with at least a 3.00 cumulative GPA (on a 4.00 scale) and career goals that match program learning objectives. Applicants must provide a career objective and personal goals, essay, current resume or academic vita and appropriate recommendations. Applicants may be asked to complete an interview with program faculty. Applications to all HESA Master's programs are accepted on a rolling basis; however, for fullest consideration for graduate assistantships, please submit all materials by February 1. An applicant's file will be reviewed when all materials have been uploaded to the online application system. Notification of the admission decision will follow before the beginning of the next semester.

PhD in Educational Leadership and Policy Studies

Option: Higher Education

Through the OSU Graduate College's online application, applicants for the PhD program in Higher Education must provide a current academic vita/resume, a career objective essay, and two letters of recommendation. Additionally, the program faculty may request an interview with

applicants. The PhD requires a research/professional experience completed simultaneously with coursework. All application material must be received by February 1; review of applications will begin soon thereafter. Notification of decisions will follow.

More information about the Higher Education program, course requirements, and other pertinent information can be found at <http://education.okstate.edu/hesa> (<http://education.okstate.edu/hesa/>).

Applications for all degree programs can be found on the college Graduate Studies website at <https://education.okstate.edu/departments-programs/graduate-degrees.html>.

Social Foundations (SCFD)

Guoping Zhao, PhD—Professor and Program Coordinator

Social foundations of education is an interdisciplinary study of schooling and other forms of education. Ever since it began during the 1930s at Teachers College of Columbia University, social foundations has brought together scholars who situate education in historical, philosophical, economic and social contexts. Using the tools of the humanities and the social sciences, social foundations scholars ask perennial questions, such as: What is the purpose of schooling in a democracy? What knowledge and values should be taught and to whose benefit? How are issues of race, ethnicity, social class, gender and ability manifested in schools?

Drawing from history, philosophy, sociology, anthropology, international studies and other disciplines to teach their courses, faculty in the social foundations program area ask that educators reflect critically on the social and cultural dynamics in educational settings and how policy and practices might be improved. Students from other human service professions and other disciplines are invited to make similar use of the content of these courses for their professional practice.

MA in Social Foundations of Education

The MA in Social Foundations of Education is designed for those who are interested in increasing their knowledge base in history, philosophy, sociology, and anthropology of education and their research skills and critical and creative thinking skills. The degree will enhance current practitioners' and leaders' marketability and their capacity to earn professional development credits and pay raises. It will also prepare those who wish to continue on to earn a Ph.D. or another terminal degree in education and related fields. The curriculum is geared toward providing students with a strong foundation in theory and research, bridging together community service and outreach.

To be considered for admission to the MA program, applicants are expected to have an earned bachelor's degree with minimum GPA averages of 3.00 on a 4.00 scale. Rolling admission until July 1 for Fall admission and December 1 for Spring admission. For international applicants, see the Graduate College requirement at: <https://gradcollege.okstate.edu/prospective-students/application-process.html>.

PhD in Education/Social Foundation

The mission of the PhD in education with social foundations option is to educate scholars who have the abilities to discover, integrate and apply knowledge about the culture in which the institutions called school reside, as well as the culture the institution creates. In the broadest sense, social foundations option is intended to educate scholars so they can disseminate new knowledge to educational, governmental, social economic and other scholarly communities interested in

the advancement of the educational enterprise at the national and international levels.

Assistant Chief Flight Instructor: Steven Goodfriend

To be considered for admission to the PhD program, applicants are expected to have an earned master's degree with minimum GPA averages of 3.50 on a 4.00 scale, and have career goals that match the program. Applicants must provide appropriate recommendations (three), present either a Graduate Record Exam (GRE) or Miller Analogy Test (MAT) score. Preferred GRE scores are: Verbal-151, Quantitative-150, and Analytic Writing-4.5. For the MAT, a raw score of 400 is expected. A recent scholarly writing sample is also expected. For students with little or no background in education, additional leveling courses may be required.

Certificates

- Instructional Design, UCRT (<http://catalog.okstate.edu/education-human-sciences/educational-foundations-leadership-aviation/instructional-design-ucrt/>)
- Learning and Motivation, UCRT (<http://catalog.okstate.edu/education-human-sciences/educational-foundations-leadership-aviation/learning-motivation-ucrt/>)

Minors

- Aerospace Administration and Operations: Aerospace Security (AAAS), Minor (<http://catalog.okstate.edu/education-human-sciences/educational-foundations-leadership-aviation/aerospace-administration-operations-aerospace-security-minor/>)
- Aerospace Administration and Operations: Aviation Management (AAAM), Minor (<http://catalog.okstate.edu/education-human-sciences/educational-foundations-leadership-aviation/aerospace-administration-operations-aviation-management-minor/>)
- Aerospace Administration and Operations: Professional Pilot (AAPP), Minor (<http://catalog.okstate.edu/education-human-sciences/educational-foundations-leadership-aviation/aerospace-administration-operations-professional-pilot-minor/>)
- Creativity Studies (CRST), Minor (<http://catalog.okstate.edu/education-human-sciences/educational-foundations-leadership-aviation/creativity-studies-minor/>)
- Learning and Motivation (LEMO), Minor (<http://catalog.okstate.edu/education-human-sciences/educational-foundations-leadership-aviation/learning-motivation-minor/>)

Faculty

Chad Depperschmidt, EdD—Associate Professor and School Head

Professors: Lucy Bailey, PhD; Denise Blum, PhD; Timm Bliss, EdD; Katherine Curry, EdD; Kerri Kearney, EdD; Jam Khojasteh, PhD; Jon Loffi, EdD; Susan Stansberry, PhD; Penny Thompson, PhD; Mike Yough, PhD; Guoping Zhao, PhD

Associate Professors: Mallory Casebolt, PhD; Ki Lynn Cole, PhD; Amber Manning-Ouellette, PhD; Tami Moore, PhD; Jane Vogler-Cragun, PhD; Chia-chen Yang, PhD

Assistant Professors: Olajumoke 'Beulah' Adigun, PhD; Ashlyn Fiegenger, PhD; Kathryn Gardner-Vandy, EdD; Dion Harry, PhD; Joseph Kim, PhD; Don Murray, PhD; Jentre Olsen, PhD; Tyler Spence, PhD

Teaching Assistant Professor: Jake Durham, EdD

Visiting Assistant Professors: Lisa Will, PhD

Lecturer: LaVoe Quintel, MBA

Manager, Aviation: Lance Fortney, MS

Assistant Manager, Aviation: Tom Joyce, MOL

Chief Flight Instructor: Mark Uhlman, EdD