

Undergraduate Courses

Courses numbered 1-99 are basic skills courses and do not apply toward degree requirements. Courses numbered 100-299 are lower-division courses and are generally taken in the freshman and sophomore years. Many lower-division courses serve as prerequisites for other coursework, and students are urged to plan ahead to meet necessary prerequisites.

Courses numbered 300-499 are upper-division courses, reflecting advanced levels of technical skills and disciplinary knowledge.

Course numbers ending in 96 or 97 identify special sequential courses. Those ending in 98 provide students with a unique, collective program of learning activities supervised by a professor. Courses ending in 99 denote individual study between professor and student.

Numbers in parentheses, immediately following course titles and numbers, indicate lecture and laboratory hours. For example, (3,0) signifies that the course consists of three lecture hours and zero laboratory hours weekly.

- Accounting (ACCT) (<https://catalog.erau.edu/courses/undergraduate/acct/>)
- Aeronautical Science (ASCI) (<https://catalog.erau.edu/courses/undergraduate/asci/>)
- Aerospace and Occupational Safety (SFTY) (<https://catalog.erau.edu/courses/undergraduate/sfty/>)
- Aerospace Engineering (AERO) (<https://catalog.erau.edu/courses/undergraduate/aero/>)
- Air Force Aerospace Studies (AFAS) (<https://catalog.erau.edu/courses/undergraduate/afas/>)
- Air Traffic Management (ATMG) (<https://catalog.erau.edu/courses/undergraduate/atmg/>)
- Arabic (ARBC) (<https://catalog.erau.edu/courses/undergraduate/arbc/>)
- Astronomy and Astrophysics (ASTR) (<https://catalog.erau.edu/courses/undergraduate/astr/>)
- Aviation Maintenance (AMNT) (<https://catalog.erau.edu/courses/undergraduate/amnt/>)
- Aviation Maintenance Science (AMSA) (<https://catalog.erau.edu/courses/undergraduate/amsa/>)
- Aviation Maintenance Science - Technical (AMST) (<https://catalog.erau.edu/courses/undergraduate/amst/>)
- Aviation Management (AVMG) (<https://catalog.erau.edu/courses/undergraduate/avmg/>)
- Aviation Safety (AVSF) (<https://catalog.erau.edu/courses/undergraduate/avsf/>)
- Baggage Handling Systems Implementation (BHSI) (<https://catalog.erau.edu/courses/undergraduate/bhsi/>)
- Biology (BIOL) (<https://catalog.erau.edu/courses/undergraduate/biol/>)
- Business Administration (BUSA) (<https://catalog.erau.edu/courses/undergraduate/busa/>)
- Business Analytics (BUAN) (<https://catalog.erau.edu/courses/undergraduate/buan/>)
- Chemistry (CHEM) (<https://catalog.erau.edu/courses/undergraduate/chem/>)
- Chinese (CHIN) (<https://catalog.erau.edu/courses/undergraduate/chin/>)
- Civil Engineering (CIVE) (<https://catalog.erau.edu/courses/undergraduate/cive/>)
- Co-Operative Education and Internship (COIN) (<https://catalog.erau.edu/courses/undergraduate/coin/>)
- Communication (COMM) (<https://catalog.erau.edu/courses/undergraduate/comm/>)
- Computer Engineering (CESC) (<https://catalog.erau.edu/courses/undergraduate/cesc/>)
- Computer Science (CPSC) (<https://catalog.erau.edu/courses/undergraduate/cpsc/>)
- Cyber Intelligence and Security (CISE) (<https://catalog.erau.edu/courses/undergraduate/cise/>)
- Cybersecurity (CYBR) (<https://catalog.erau.edu/courses/undergraduate/cybr/>)
- Data Science (DSCI) (<https://catalog.erau.edu/courses/undergraduate/dsci/>)
- Economics (ECON) (<https://catalog.erau.edu/courses/undergraduate/econ/>)
- Electrical Engineering (ELEC) (<https://catalog.erau.edu/courses/undergraduate/elec/>)
- Emergency Management (EMGY) (<https://catalog.erau.edu/courses/undergraduate/emgy/>)
- Emergency Services (ESVS) (<https://catalog.erau.edu/courses/undergraduate/esvs/>)
- Engineering (ENGR) (<https://catalog.erau.edu/courses/undergraduate/engr/>)
- Engineering Physics (ENGP) (<https://catalog.erau.edu/courses/undergraduate/engp/>)
- Engineering Science (ESCI) (<https://catalog.erau.edu/courses/undergraduate/esci/>)
- Engineering Technology (ETEC) (<https://catalog.erau.edu/courses/undergraduate/etec/>)
- Environmental Science (EVSC) (<https://catalog.erau.edu/courses/undergraduate/evsc/>)
- Finance (FINE) (<https://catalog.erau.edu/courses/undergraduate/fine/>)
- Flight Airplane (FACR) (<https://catalog.erau.edu/courses/undergraduate/facr/>)
- Forensic Science (FRSC) (<https://catalog.erau.edu/courses/undergraduate/frsc/>)
- Geoscience (GEOS) (<https://catalog.erau.edu/courses/undergraduate/geos/>)
- Global Conflict Studies (GCST) (<https://catalog.erau.edu/courses/undergraduate/gcst/>)
- Global Security and Intelligence Studies (GSIS) (<https://catalog.erau.edu/courses/undergraduate/gsis/>)
- Government (GOVT) (<https://catalog.erau.edu/courses/undergraduate/govt/>)
- History (HIST) (<https://catalog.erau.edu/courses/undergraduate/hist/>)
- Homeland Security (HLSC) (<https://catalog.erau.edu/courses/undergraduate/hlsc/>)
- Honors (HONR) (<https://catalog.erau.edu/courses/undergraduate/honr/>)
- Human Factors (HFCT) (<https://catalog.erau.edu/courses/undergraduate/hfct/>)
- Humanities (HUMN) (<https://catalog.erau.edu/courses/undergraduate/humn/>)
- Information Security and Assurance (MISA) (<https://catalog.erau.edu/courses/undergraduate/misa/>)
- Intelligence (INTL) (<https://catalog.erau.edu/courses/undergraduate/intl/>)
- Logistics and Supply Chain Management (SCLM) (<https://catalog.erau.edu/courses/undergraduate/sclm/>)
- Management (MGMT) (<https://catalog.erau.edu/courses/undergraduate/mgmt/>)
- Management Information Systems (MMIS) (<https://catalog.erau.edu/courses/undergraduate/mmis/>)

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- Marketing (MKTG) (<https://catalog.erau.edu/courses/undergraduate/mktg/>)
- Mathematics (MATH) (<https://catalog.erau.edu/courses/undergraduate/math/>)
- Mechanical Engineering (MECH) (<https://catalog.erau.edu/courses/undergraduate/mech/>)
- Military Science Army ROTC (MILS) (<https://catalog.erau.edu/courses/undergraduate/mils/>)
- Naval Science (NSCI) (<https://catalog.erau.edu/courses/undergraduate/nscl/>)
- Physical Education (PHYE) (<https://catalog.erau.edu/courses/undergraduate/phye/>)
- Physics (PHYS) (<https://catalog.erau.edu/courses/undergraduate/phys/>)
- Psychology (PSYC) (<https://catalog.erau.edu/courses/undergraduate/psyc/>)
- Research (RSCH) (<https://catalog.erau.edu/courses/undergraduate/rsch/>)
- Russian (RUSS) (<https://catalog.erau.edu/courses/undergraduate/russ/>)
- Security and Emergency Services (SSES) (<https://catalog.erau.edu/courses/undergraduate/sses/>)
- Security Science (SCTY) (<https://catalog.erau.edu/courses/undergraduate/scty/>)
- Simulation (SIMS) (<https://catalog.erau.edu/courses/undergraduate/sims/>)
- Social Sciences (SOSC) (<https://catalog.erau.edu/courses/undergraduate/sosc/>)
- Software Engineering (SFTW) (<https://catalog.erau.edu/courses/undergraduate/sftw/>)
- Space Studies (SPAC) (<https://catalog.erau.edu/courses/undergraduate/spac/>)
- Spanish (SPAN) (<https://catalog.erau.edu/courses/undergraduate/span/>)
- Statistics (STAT) (<https://catalog.erau.edu/courses/undergraduate/stat/>)
- Systems Engineering (SYSE) (<https://catalog.erau.edu/courses/undergraduate/syse/>)
- Uncrewed and Autonomous Systems (UNSY) (<https://catalog.erau.edu/courses/undergraduate/unsy/>)
- University Student Success (UNIV) (<https://catalog.erau.edu/courses/undergraduate/univ/>)
- Weather (WEAX) (<https://catalog.erau.edu/courses/undergraduate/weax/>)