New Academic Program
B.S.A. with a major in Unmanned Aircraft Systems Operations

Change in Department Title
Current: Department of Physics
Proposed: Department of Physics and Astrophysics

Change in Minor Title
Current: Chemical Use/Abuse Awareness
Proposed: Chemical Dependency

Program Termination
B.S. Ed with Combined Major in Elementary Education and Early Childhood

New Courses
AtSc 100  Atmospheric Sciences Orientation  1 cr
AtSc 120  Severe and Hazardous Weather  3 crs
Avit 485  Aviation Senior Capstone  3 crs
ChE 315  Statistics and Numerical Methods in Engineering  3 crs
ChE 420  Capstone in Sustainable Energy  3 crs
CIEN 202  Introduction to Digital Terrain Modeling  1 cr
CSci 130  Introduction to Scientific Programming  4 crs
CSci 230  Systems Programming  3 crs
COUN 526  Educational Collaboration  3 crs
COUN 527  School-Based Family Counseling  3 crs
C J 341  Criminal Law  3 crs
C J 342  Criminal Procedure  3 crs
C J 430  Developmental Perspectives on Adolescent Problem Behavior  3 crs
C J 491  Orientation to Administrative Internship  1 cr
EDL 538  Auxiliary School Functions  3 crs
EDL 556  College Students and the Law  3 crs
Geol 106  Global Warming: the Facts and Myths  3 crs
Phil 330  Environmental Ethics  3 crs
Rel 355  Islam  3 crs
Rel 480  Religion Capstone  3 crs
SpSt 505  Spacecraft Systems Engineering  3 crs
SpSt 512  Human Performance in Extreme Environments  3 crs
SpSt 528  Space Environment and the Sun  3 crs
SpSt 529  Introduction to Radio Astronomy  3 crs
SpSt 581  Field Visit to Space Centers  1-3 crs, repeatable to 3
T&L 523  Literacy Instruction for English Language Learners  3 crs
T&L 525  Writing in the Classroom  3 crs
T&L 528  Children’s Literature in the Classroom  3 crs

Course Deletions
ChE 333  Basic Experimental Strategies  1 cr
CSci 250  Assembly Language Programming  4 crs
CSci 351  Introduction to File Processing  3 crs
COUN 531  Psy of Women, Gender & Develop  3 crs
COUN 533  Couples and Family Counseling  3 crs
CJ 353  Law for the Criminal Justice System  3 crs
SpSt 438  Volcanism: A Planetary Process 1  3 crs
SpSt 538  Volcanism: A Planetary Process II  3 crs
T&L 517  Creative Expression in the Elementary School  2 crs
T&L 532  Teaching of Reading in the Intermediate Grades  2 crs

Senate approval is not required for the following report items

**Course Change Requests**

**A&S 450**  Capstone Experience & Development change title to Capstone Experience & Development for Nonprofit

**AtSc 355**  Surface Transportation Weather change in prerequisites from AtSc 310 to AtSc 210 and AtSc240; change frequency from S to F/2

**AtSc 455**  Surface Transportation Weather II change prerequisites to AtSc 310 and AtSC 355; delete corequisite; change frequency from S to S/2

**AtSc 460**  Mesoscale Dynamics change frequency from F to S

**AtSc 492**  Senior Project change in credits from 1 to 1 to 2 credits, must be repeated for a total of 3 credits; change in course description

**Avit 260**  ATC: Tower Operations I add prerequisite Avit 103

**Avit 346**  Aerodynamics and Performance Helicopter change from 3 to 4 credits

**Avit 402**  Airport Planning and Administration delete prerequisite

**Avit 403**  Aerospace Law delete prerequisite; change in course description

**Avit 405**  Airline Operations and Management delete prerequisite

**Avit 407**  General Aviation Operations and Management delete prerequisite

**Avit 428**  Transport Category Aircraft Systems change in course description

**Avit 468**  ATC: Non-Radar Procedures change in credits from 2 to 4; change in course description; frequency added

**Avit 490**  Methods and Materials in Teaching Aviation change title to Methods and Materials in Teaching Aviation I; add or consent of the instructor to prerequisites; change in course description

**Avit 491**  Methods and Materials in Teaching Aviation II add or consent of the instructor to prerequisites; change in course description

**ChE 201**  Stoichiometry change title to Chemical Engineering Fundamentals

**ChE 303**  Chemical Engineering Thermodynamics change prerequisites to ChE 201 or GeoE 351

**ChE 331**  Chemical Engineering Laboratory II change prerequisites to ChE 201, 206 and 315

**ChE 332**  Chemical Engineering Laboratory III change prerequisites to ChE 331

**ChE 340**  The Role of Engineers and Applied Scientists in a Global Society change title to Professional Integrity in Engineering; change in course description

**ChE 421**  Chemical Engineering Reactor Design change course number to 321; delete Chem 465 from prerequisites; change frequency from F to S

**CSD 536**  Stuttering Intervention change in credits from 3 to 2

**CSci 161**  Computer Science II change prerequisites from CSci 160 and to CSci 130 or CSci 160

**CSci 260**  Advanced Programming Languages change credits from 1-3 to 3

**CSci 289**  Social Implications of Computer Technology delete prerequisites; change term from S to F

**CSci 327**  Data Communications change prerequisite from CSci 250 and Math 208 to CSci 230 and Math 208

**CSci 365**  Organization of Programming Languages delete CSci as a prerequisite

**CSci 384**  Artificial Intelligence change frequency from S to F
CSci 445  Mathematical Modeling and Simulation change frequency from S/2 to F/2
CSci 446  Computer Graphics I change frequency from S/2 to F/2
CSci 448  Computer Graphics II change frequency from F/2 to S/2
CSci 451  Operating Systems I change frequency from F to S
CSci 455  Database Management Systems change frequency from F to S
CSci 457  Electronic Commerce Systems change prerequisite from CSci 363 to CSci 260; change frequency from on demand to S/2
CSci 463  Software Engineering change frequency from F to S
CSci 465  Principles of Translation change prerequisites to CSci 365 and CSci 370
CSci 370  Computer Architecture change credits from 3 to 4; change prerequisites from CSci 250 to 230; change in course description; change frequency from S to F
COUN 581  School Counseling Practicum change credits from 3 to 4; remove or 550 or 506 from prerequisites; change in course description
COUN 589  Internship in School Counseling change title to School Counseling Internship; change in course description; change credits from 3-4 to 2 to 3 per semester (6-8 total)
C J 397  Cooperative Education change credits from 1-8, repeatable to 16 to 1-6, repeatable to 12; change in course description
C J 401  Administration of Criminal Justice Systems change in course description
C J 497  Administrative Internship change credits from 2-12 to 1-6 credits, repeatable to 12; change in course description
Econ 504  Advanced Price Theory change prerequisites to Econ 308 and co-requisite or prerequisite Econ 416
Econ 524  Applied Economic Analysis I change in course description
Econ 575  Advanced Special Topics change credits from 2-4 to 1-3
EDL 501  Leadership, Planning and Organizational Behavior change title to Leadership and Org Behavior
EDL 511  Personal Communication and Ethics change title to Effective Administrative Communications; change in course description
EDL 513  Curriculum, Instruction & Learning Theory change title to Leading Curriculum & Learning
EDL 514  Personnel, Supervision and Staff Development change title to Supervision and Staff Development
EDL 515  Education Law & Organizational Structure of Schools change title to Education Law and Ethics; change in course description
EDL 516  Policy and Educational Finance change title to Education Finance and Policy; change in course description; change credits from 2 to 3
EDL 520  Middle School Principalship change title to Middle School Principal Field Study
EDL 521  Elementary School Principalship change title to Elementary Principal Field Study
EDL 522  Secondary School Principalship change title to Secondary Principal Field Study
EDL 523  The Educational Plant change credits from 2 to 3; change in course description
EDL 535  Administration of Elementary School Curriculum change title to Admin of Elem Schl Curriculum
EDL 536  Administration of Middle School Curriculum change title to Admin of Mid Schl Curriculum
EDL 537  Administration of Secondary School Curriculum change title to Admin of Sec Schl Curriculum
E E 480  Senior Design I change in course description
E E 481  Senior Design II change in course description
FIN 440  Valuing Real Assets and Financial Strategy remove FIN 360 from prerequisites; change in course description; change in frequency from F to S
Mgmt 300  Principles of Management delete Acct 201, Econ 202, Econ 210 and declared and pre-CoBPA majors only from prerequisites/corequisites
Mgmt 433  Logistics change title to Logistics in the Supply Chain; change requisites to prerequisites or corequisites: Mgmt 309; declared CoBPA major; change in course description; change in frequency from S to F
Musc 136  Keyboard Skills II  add a grade of C or better in to Musc 133 prerequisite
Musc 233  Keyboard Skills III add a grade of C or better in to Musc 136 prerequisite
Musc 236  Keyboard Skills IV  add a grade of C or better in to Musc 233 prerequisite
Musc 446  Instrumental Classroom Methods and Materials change frequency from S/2 to F/2
Phil 283  Asian Philosophy change course number to 383
Rels 102  Introduction to Religion (East) change title to Religions of Asia; change in course description
Rels 228  Early Christian Traditions change course number to 328; change course title to Development of Christian Doctrine
Rels 238  Christianity in the Modern World change course number to 338; change title to Contemporary Christianities; change in course description
Rels 247  Introduction to Judaism change course number to 334; change title to Judaism
Rels 315  Religion and Philosophy in China and Tibet change title to Daoism and Confucianism
Rels 320  Religion and Philosophy in India change title to Hinduism
Rels 345  Death and Dying change course number to 245
SWK 255  Social Work in a Modern Society change title to Introduction to Social Work
SWK 257  Human Behavior in the Social Environment I change title to Human Behavior and the Social Environment I; change in course description
SWK 311  Child Welfare change in course description
SWK 317  Social Work Research change prerequisite or corequisite to SWK 255; change in course description
SWK 357  Human Behavior in the Social Environment II change title to Human Behavior and the Social Environment II; change in course description
SWK 424  Generalist Social Work Practice with Individuals and Families change in course description
SWK 434  Generalist Social Work Practice with Task and Treatment Groups change in course description
SWK 454  Generalist Social Work Practice with Communities and Organizations change in course description
SWK 481  Field Instruction I change in course description
SWK 483  Field Instruction II change in course description
SWK 489  Senior Honors Thesis change credits from 1-8, repeatable to maximum of 9 to 3 credits, repeatable to a maximum of 6
SWK 493A, 493B  Special Topics change repeatable from a maximum of 6 credits to maximum of 9
Soc 351  Corrections change prefix and course number to C J 270; change title to Introduction to Corrections
SpSt 405  Advanced Space Mission Design change title to Space Mission Design grad section
SpSt 420  Space Science and Exploration change course number to 220; delete from grad section
SpSt 435  Global Change change in course description
SpSt 451  History of the Space Age change course number to 270
SpSt 502  Survey of Space Studies II change in course description
SpSt 522  Satellite Information Processing change in title to Remote Sensing Principles; change in course description
SpSt 523  Advanced Image Processing change title to Remote Sensing Applications; change in course description
SpSt 526  Advanced Observational Astronomy change prerequisites to SpSt 425, SpSt 501 and Math 165
T&L 524  Reading in the Content Area delete pre or corerequisite; change in course description
T&L 530  Foundations of Reading Instruction change in course description
T&L 533  Reading in the Secondary School delete pre or corequisite; change in course description
T&L 534  Basic Reading Diagnosis and Remediation delete prerequisites; add corequisite: T&L 583;
T&L 536  Teaching & Supervision of Elementary Language Arts delete co or prerequisite
T&L 583  Reading Clinic change credits from 1-4 to 2; delete prerequisites; add corequisite T&L 534
Program Requirements Change Requests

B.S.A. with a major in Air Traffic Control, Commercial Aviation, Flight Education and Aviation Technology Management delete Avit 302 from the program requirements and replace it with Avit 485

B.S.A. with a major in Air Traffic Control - remove Econ 201, Comm 212 and ISYS 117 as required courses to allow for more student electives; adding option for student to choose among ISBE 320, Engl 226 or Engl 308

B.S. Atmospheric Sciences AtSc 100 required course; reduce Technical Electives from 6 to 5 credit hours; reduce Free Electives from 12 to 11 credit hours; AtSc 492 from 2 to 3 credits

Aviation Programs Avit 485 will replace Avit 302 as a requirement

Biology Graduate Program remove GRE subject test in Biology for M.S. and Ph.D. applicants; remove 60th percentile cut-off on the GRE test for potential Ph.D. students; allow direct entry to Ph.D. program with undergrad degree; inserting a minimum of in front of degree credits required; new grad student assessment plan

B.S. in Chemical Engineering change in course requirements for degree

B.S. in Chemical Engineering add Sustainable Energy Engineering Concentration and requirements for the concentration

M.S. in Chemical Engineering changes to reflect specific course requirements for the degree

Major in Chinese Studies changing course title of Rels 315

Minor in Chinese Studies: Culture and Business changing course title of Rels 315

Minor in Chinese Studies: Language & Culture changing course title of Rels 315

B.S. Civil Engineering remove CIEN 201 and replace with CIEN 202; add Comm 110; drop requirement to take either I T 211 or E E 206

B.S. in Computer Science requirements for B.S./M.S. combined program in Computer Science

B.A. and B.S. in Computer Science replacing CSci 250 with CSci 230 and making necessary changes in program to reflect this change

Computer Science Minor delete CSci 250 and increase elective credits from 9 to 12

Computer Science Network and Operating Systems Analysis Specialization (Information) delete CSci 351 and replace with CSci 363

Computer Science Network and Operating Systems Analysis Specialization (Software Engr) add CSci 130, 230 to requirements; removed CSci 250

Computer Science Network and Operating Systems Analysis Specialization (Network) Increase in credits for CSci 370; changing CSci 260 required course to CSci 230

B.S.A. with a major in Commercial Aviation remove Econ 201, Comm 212 and ISYS 117 as required courses to allow for more student electives; adding option for student to choose among ISBE 320, Engl 226 or Engl 308

M.A. in Counseling (School Counseling Emphasis) program revisions after accreditation visits

Criminal Justice Studies updating elective course list and CJ courses

Educational Leadership M.S. (Higher Ed Emphasis) Drop EDL 501, 511; Add EDL 556, 559; require 4 of 4 courses rather than 3 of 4; increase total credits from 33 to 34

Educational Leadership M.Ed. (P-12 Emphasis) change courses to reflect course changes made above; add one curriculum administration course; increase total credits from 32 to 34

Electrical Engineering Undergraduate programs changes to reflect designation of Essential Studies required courses; listing more options for ethics elective; computer science focus changes to reflect changes made by Computer Science Department

B.A. in English: Teacher Licensure changes to reflect Educational Standards and Practices Board requirements

Environmental Engineering Certificate change in admission requirements; change in degree requirements

B.S.A. with a major in Flight Education - remove Econ 201, Comm 212 and ISYS 117 as required courses to allow for more student electives; adding option for student to choose among ISBE 320, Engl 226 or Engl 308

B.S. Graphic Design Technology change I T prefix to TECH
B.S. Industrial Technology change course prefix from I T to TECH
B.S. Industrial Technology (Technology Teacher Certificate) change course prefix from I T to TECH
M.S. in Industrial Technology change course prefix from I T to TECH
B.B.A. with major in Management reflects Mgmt 433 title change
B.B.A. with major in Operations and Supply Chain Management add Mgmt 433 as a business elective
B.A. with major in Philosophy & Religion: Religion concentration requires studies to take classes from five areas of religious studies
Minor in Philosophy & Religion: Religion concentration change in minor requirements to include Rels 100 and 21 total credits
Clinical Psychology & General-Experimental Ph.D. programs addition of language to clarify for prospective graduate school applicants requirements for Masters degree in Gen Psyc and continuing in the Ph.D. program
Reading Education, M.S. listing T&L 524, 525, 530, 534 and 583 as core requirements for major
Reading Education, M.Ed. listing T&L 524, 525, 530, 534 and 583 as core requirements for major
Undergrad Social Work program change in advisement policy; GPA entrance requirement changed to 2.75; progression through the program and graduation requirements changes; Chemical Use/Awareness minor name change
Space Studies undergraduate minor eliminate SpSt 491 requirement; addition of six classes to the elective courses
Space Studies M.S. minor word changes in admission requirements; clarification on completion of capstone course
Undergraduate Teacher Education Acceptance into student teaching will require all candidates to have taken the appropriate Praxis II content exam

**Denied Requests**
Lang 101 First Year Language I
Lang 102 First Year Language II
Lang 201 Second Year Language I
Lang 202 Second Year Language II