

Career and Technical Education - Technology Education Emphasis Graduation Checklist Fall 2011

STUDENT _____ E.# _____ contact # _____

General Education: 40 hours to meet both EIU and Certification requirements - undergraduate catalog <http://www.eiu.edu/>
 Students need C or better in all courses and credits that contribute to their degree

Language: 9 hours

- ENG 1001G ^ (3) _____
- ENG 1002G ^ (3) _____
- CMN 1310G (3) _____

Scientific Awareness: 7 hours

- (one lab course required)
- Biological: _____ G () _____
- Physical: _____ G () _____

EIU Graduation Requirement:

- _____ ^ Writing Portfolio
- _____ #1 #2 #3
- _____ Culturally Diverse course?
- _____ 120 total semester hours
- _____ 40 hrs Upper Div
- _____ 56hrs Sr Institution
- _____ 42hrs @ EIU
- _____ 32hrs @ EIU as Jr/Sr
- _____ 12hrs @ EIU as Sr
- _____ Establish/maintain at least 2.65 Cum. and Major average
- _____ Application for graduation
- _____ On PAWS upon completion of 60 credits

Humanities & Fine Arts: 9 hours

- Humanities: _____ G () _____
- Fine Arts: _____ G () _____
- Hum. or F/A: _____ G () _____

Mathematics 3 hours

- _____ G + (3) _____

Social & Behavioral Sci.: 9 hours

- U.S. Constitution, PLS 1153G or HIS 3600G: _____ G () _____
- Must represent a different discipline: _____ G () _____
- _____ G () _____

Senior Seminar: @90 hrs. 3 hours

- Choose content outside major: EIU 4 _____ G ^ (3) _____

Foreign Language: 0-8 hours,

- (2 years of C or better in H.S.)
- Exempt? Yes or No _____
- _____ () _____
- _____ () _____

Access and follow:
<http://www.eiu.edu/ceps/tached/>

Professional Education, Regular (RSEP): 40 hours

←OR→

ISEP Program: 34 hours

Teacher Ed Requirements:

- CTE 2000 (2) _____(or SED2000 + CTE2001).....
- EDF 2555 ^ (3) _____
- CTE 3100 (3) _____ Must make progress on *Education Checklist* to get
- EDF 4450 * ^ (3) _____ Ed Dept. Approval to proceed beyond this course
- EDP 3331 * (3) _____
- SED 3330 * (3) _____
- SPE 3500 * (3) _____
- CTE 3400 * ^ (3) _____
- &
- CTE 3404 * (2) _____
- STG 4000 * (1) _____
- &
- STG 4001 * (14) _____

- CTE 2000 (2) _____
- EDF 2555 ^ (3) _____
- CTE 3100 (3) _____
- SED 3000 * ^ (3) _____
- SED 3100 * ^ (3) _____
- CTE 3400 * ^ (3) _____
- &
- CTE 3404 * (2) _____
- SED 4000 * (3) _____
- &
- STG 4001 * (12) _____

- Time sensitive -*
- _____ Teacher Ed Meeting
- _____ G E Math _____ Speech
- _____ G E English I & II
- _____ Basic Skills
- _____ Speech & Hearing
- _____ CBI 1st check
- _____ 2.65 cum/major min.
- _____ always maintain
- _____ STG packet due: www.eiu.edu/clinical/
- _____ Content Test
- _____ 2 Professional Dev.
- _____ Pass APT before STG
- _____ Apply for IL. Teaching cert
- *Consider adding Co-Op, MLE endorsements

TECHNOLOGY EDUCATION: 33 Hours

Required Core Courses: (24 hours) See reverse side for approved (9credits) concentration courses

- AET 1363 (3) _____ Graphic Communication Technologies
 - AET 1413 (3) _____ Technological Systems
 - AET 2324 (3) _____ Electronic Control Systems * (1270)
 - AET 2253 (3) _____ Construction Equipment & Materials
 - AET 2043 (3) _____ Computer-Aided Engineering Drawing
 - AET 3103 (3) _____ Robot & Control Systems * (AET 2324)
 - AET 3113 (3) _____ Manufacturing Machine Processes * (AET 1263)
 - AET 1263 (3) _____ Materials Technology
- 9 semester hours beyond core

Department- <http://www.eiu.edu/~tech/>

^ May be used for EWP, consult advisor for plan
 * Check catalog course description for prerequisites

CTE listserv - <http://lists.eiu.edu/mailman/listinfo/ctelist>

APPROVED ELECTIVES FOR TECHNOLOGY EDUCATION CONCENTRATIONS:

Automation & Control:

AET 2523 - Routing & Switching (fall) Bus 1950
AET 3073 - Programmable Logic (spring) AET 2324, Mat 1271
AET 4833 - Automation Identification & Data Capture
AET 4274 - Automation & Control (fall)
AET 3153 - Advanced Routing & Switching (spring) AET 2523
AET 4183 - Microcomputer Interfacing & Data Acquisition (spring) AET 2324

Construction:

AET 3213 – Surveying & Site Planning (spring) Mat 1310
AET 3223 – Architectural Drafting & Blueprint Reading (spring) AET 2043, 2253
AET 4223 – Cost Estimating (fall) AET 3223
AET 4243 – Construction Project Management (spring) AET 3223 or in it
AET 3603 – Mechanical Systems in Residential & Commercial Buildings (spring) AET 3223, 2324
AET 3833 - Sustainable Construction (AET 2253, 3603 or instructor permission)

Graphic Communications:

AET 2123 – Photography (fall, spring)
AET 3063 - 3-D Modeling (fall, spring) AET 2043
AET 3343 –Digital Media (fall) AET 1363
AET 4123 - Advanced Digital Capture for Web Pub. (spring) AET 2123
AET 4353 –Print & Digital Media Production (spring) AET 1363, 3343 or perm.
AET 4813 – Advanced Digital Media Technologies (spring) AET 3343
AET 4863 - Package Design (on demand) AET 1363, 3343, jr., or perm.
AET 4953 - Color Management Applications (fall, spring) AET 3343

Manufacturing:

AET 3143 – Manufacturing Fabrication Processes (spring) AET 1263
AET 3203 - CNC Programming (spring) AET 3113
AET 4002 – Materials Testing (Sp, Fall) AET 1263
AET 4602 - Physical Metallurgy (spring) AET 1263
AET 4853 - Polymers & Composites (spring) AET 1263, PHY, CHM

What Should I be doing?

Always-

Maintain minimum GPA of 2.65 cumulative and in major, Be working on your Professional Development Portfolio, & be working on your 2000 hours – see your contact person for details.

First Semester-

Attend meeting with CTE Coordinator
Attend University Admission to Teacher Education Meeting
Complete Speech and Hearing Clearance

Freshman Year-

Pass Illinois Basic Skills Test, first Criminal Background Investigation

Sophomore Year-

Submit Supporting Materials Form documenting completion of English, math, speech and CTE 2000 courses (received at University Admission to Teacher Education Meeting)

Fall Semester of Year Prior to Student Teaching (Usually Junior Year)-

Watch the timeline of when to submit your student teaching packet online www.eiu.edu/clinical/

Semester Prior to Student Teaching-

Pass Content Area Exam – junior year (*at least prior* to student teaching)
Criminal Background Investigation (Fingerprint through FBI and Illinois State Police)

Student Teaching Semester-

Pass Illinois Assessment of Professional Teaching Exam
Apply for your Illinois Teaching Certificate

Professional Portfolio Requirements-

- 1) At least two professional development experiences-attending a conference in your emphasis area, attending workshops related to education and/or your emphasis area, etc.
- 2) Working with youth ages 11-18-summer camps, Sunday school, coaching, volunteering, tutoring, Big Brothers/Big Sisters

Additional Considerations to Make You More Marketable-

Adding middle level endorsement, cooperative education certification, endorsement in English, math, or science

*Networking-You never know who is watching you. Make sure you are always making a good impression.