Abilene Approval Chart for Curriculum Changes

A = Approve I = Information Item R = Respond In Writing

Course Number: **or Degree Plan(s): BS in Electrical Engineering**

	Campus-Level Academic Review[1]	Dept./School	College	Dean	TEC	AUAC/Grad	Provost
	Change to a Course Include signatures from all chairs/program directors for cross-listed courses.[1]						
1.	Title (description unchanged)	A	A	A	I	I	I
2.	Description (not affecting content)	A	A	A	I	I	I
3.	Course term(s)	A	I	A	I	I	I
4.	Content (change of course outcomes)	A	A	A	I	I	A
5.	Number of credit hours	A	A	A	A	A	A
6.	Course number within the hundred	A	A	I	I	I	I
7.	Course number beyond the hundred	A	A	A	A	A	A
8.	Prerequisites	A	A	A	I	I	I
9.	Course restriction (e.g., majors only, junior standing)	A	A	A	A	A	A
10.	Level change (U to G *or* G to U)	A	A	A	A	A	A
11.	Cross list course	A	A	A	A	A	A
12.	Department of record	A	A	A	A	A	A
13.	Open or close a course	A	A	A	A	A	A
	Change to a Degree Plan						
14.	Educational Program — Revise	A	A	A	A	A	A
15.	Educational Program — Adopt/revise admission requirements	A	A	A	A	A	A
16.	GPA — Revise program-required GPA	A	A	A	A	A	A
17.	Minor — Revise	A	A	A	A	A	A

	Full Review	Dept./School	College	Dean	TEC	AUAC/Grad	Provost	Campus Faculty	Senior VPAA	President
	Change to Catalog Information (for Campus)									
18.	General requirements for Bachelor's and Associate Degrees	–	–	–	–	A	A	A	A	I
19.	Policies governing academic probation and suspension	–	–	–	–	A	A	A	A	I
20.	Requirements for graduating with honors	–	–	–	–	A	A	A	A	I
	Change to a Degree Plan									
21.	Educational Program — Add or Discontinue[2] [3]	A	A	A	A	A	A	A	A	I
22.	Educational Program — Discontinue (Provost-proposed)	R	–	R	A	A	A	A	A	I
23.	Minor — Add or Discontinue	A	A	A	A	A	A	–	A	I
24.	Minor — Discontinue (Provost-proposed)	R	–	R	A	A	A	–	A	I
25.	Degree — Add or Discontinue	A	A	A	A	A	A	A	A	I
26.	Degree — Discontinue (Provost-proposed)	R	–	R	A	A	A	A	A	I

	Change to General Education Requirements for Undergraduates (System)	Dept./School	College	Dean	AUAC	Provost	UGEC	University Faculty	Senior VPAA	President
27.	Change course outcomes of an included course	A	A	A	A	A	A	–	A	I
28.	Add or drop a required course from the General Education Requirements	A	–	A	–	A	A	A	A	I
29.	Add or drop a course from a menu within the General Education Requirements	A	–	A	–	A	A	–	A	I
30.	Comprehensive revision of General Education Requirements	–	–	–	–	A	A	A	A	I

Notes

[2] Any change to a cross-listed course requires the signature of both department chairs or program directors overseeing the course to ensure that the courses stay in sync. This includes courses taught at other campuses (e.g. BIBL 101 and BIBO 101).

Department/School(s)

10/30/24

Chair Signature | Date

Chair/Program Director Signature | Date

College Academic Council(s)

11/27/24

Chair Signature | Date

Chair Signature | Date

Dean(s)

11/27/24

Signature | Date

Signature | Date

Teacher Education Council

Signature | Date

Campus Academic Council:
Abilene Undergraduate or Abilene Graduate

Signature | Date

Provost

Signature | Date

University General Education Council

Signature | Date

University Faculty

Abilene Faculty Senate Chair signature Date

Dallas Faculty Council Chair signature Date

Senior Vice President for Academic Affairs

Signature Date

President

Signature Date

Modifications to B.S., Electrical Engineering Degree Plan:

In the Math/Science section of the BS, EE degree plan, instead of an explicit requirement of MATH 325, there should be a choice between MATH 325 and MATH 463 (Partial Differential Equations)

Also, several course designations are changing from ENGR to ECEN, and those course designation changes should be changed in the degree plan, also.

And the 10 hour upper-level elective block should allow CIVE and MECH courses to be taken in addition to ECEN and ENGR courses.

Below, I have listed the relevant section of the degree plan with modifications highlighted:

Math/Science Requirements (30 hours required for ABET)

- MATH 185: Calculus I – 3 credit hours *
- MATH 186: Calculus II – 3 credit hours
- MATH 286: Calculus III – 3 credit hours
- Choose one: – 3 credit hours
  - MATH 325: Linear Algebra
  - MATH 463: Partial Differential Equations
- MATH 361: ODE – 4 credit hours
- PHYS 220: EP I – 3 credit hours *
- PHYS 221: EP I Lab – 1 credit hour
- PHYS 222: EP II – 3 credit hours *
- PHYS 223: EP II Lab – 1 credit hour
- ENGR 377: Engineering Statistics – 3 credit hours
- Additionally, choose 4 hours from the following:
  - CHEM 131: General Chemistry I Lab – 1 credit hour
  - CHEM 133: General Chemistry I – 3 credit hours
  - PHYS 330: Modern Physics – 3 credit hours
  - PHYS 331: Modern Physics Lab – 1 credit hour

Total: 22 hours

Electrical Engineering Requirements

- CS 120 - Programming I Credit Hours: 3
- ENGR 135 - Introduction to Electric Circuits Credit Hours: 3

- ENGR 136 - Introduction to Electric Circuits Laboratory Credit Hours: 1
- ECEN 210 - Digital Logic Credit Hours: 3
- ECEN 355 - Electronic Devices Credit Hours: 3
- ECEN 356 - Electronic Devices Laboratory Credit Hours: 1
- ECEN 360 - Electricity and Magnetism Credit Hours: 3
- ECEN 387 - Power Electronics and Electromechanics Credit Hours: 3
- ECEN 388 - Network Analysis Credit Hours: 3
- ECEN 410 - Signal Processing Credit Hours: 3
- ECEN 315 - Introduction to Embedded Systems Credit Hours: 3
- ECEN 316 - Introduction to Embedded Systems Lab Credit Hours: 1

Choose 10 hours from the following:

- CIVE 300-499
- ECEN 300-499
- ENGR 300-499
- MECH 300-499