

Abilene Undergraduate Academic Council
April 3, 2024
3:30 p.m. – 5:00 p.m.
Adams Center Classroom

Present: K. Witemeyer, T. Baggs, D. Mayhall, T. Sensing, T. Womble, R. Brown, R. Jessup, J. Drachenberg, R. Slaymaker

Absent: J.D. Wallace

Ex-officios: B. Reeves, (E. Gumm, J. Smith, C. Riley, and J. Wiser were absent)

Guests: C. Miertschin, S. Jones, D. Hewitt, J. Huddleston, J. Douthit, S. Hamm

The meeting began at 3:31 p.m.

1. Call to order by T. Baggs.
2. Prayer by T. Baggs.
3. Approval of the minutes from 3.6.24

With no corrections mentioned, minutes are considered approved.

Information Items

4. KINE 485 – Remove KINE 473 Prerequisite
5. ITC 110 – Change Course Terms
6. CS 115 – Change Course Terms
7. CS 116 - Change Course Terms
8. CS 374 - Change Course Terms
9. CS 375 - Change Course Terms
10. DET 210 - Change Course Terms
11. DET 230 - Change Course Terms
12. DET 260 – Change Prerequisites
13. IT 220 - Change Prerequisites
14. IT 472 - Change Prerequisites
15. MGMT 337 – Change Course Terms

16. MGMT 447 – Change Course Terms
17. BLAW 461 – Change Course Terms
18. ENGR/PHYS 135 – Revise Description & Prerequisites
19. ENGR/PHYS 136 – Revise Description & Prerequisites
20. ENGR 322 – Revise Prerequisites
21. ENGR 390 – Revise Prerequisites

Action Items

22. Change CSD 111 to SPED 111 in School of Education

J. Douthit - We have offered sign language and we shared that with CSD since there was a demand there. Now that the faculty teaching these courses is fully funded by the School of Education, we would like to have those courses in our department. We hope to begin a program in Deaf Education in the future as well. T. Baggs - The CSD department is supportive of this move.

23. Change CSD 112 to SPED 112 in School of Education

See above.

Motion to approve items 22-23 by D. Mayhall; seconded by R. Brown; all in favor; motion passes.

24. BA BIOL – Add Experiential Learning & Revise Course Selection

J. Huddleston - We want to do two things with these programs. We are revising the course selection for the tracks. We want to change the wording to disallow non-major courses. There are a few other tweaks in individual programs/tracks as well. We used to have a requirement for organismal diversity classes, but that isn't servicing our students as we expected. Therefore we are making this a more general selection. The second part is the addition of Experiential Learning to all of our tracks. Diana Flanagan worked closely with the ELDP program to determine the best way to put this forward. We have a menu of experiential courses that can count as either a major selection or gen ed. It does not add any hours to our programs. Students are already taking these courses, so this is just a way to designate that an experiential component has been met. T. Baggs - What makes these particular labs experiential when others aren't? J. Huddleston - We aren't allowed to claim that all of our labs are experiential, but we are enhancing these to incorporate more student independent research and other tweaks to fit the EDLP requirements. T. Womble - Why couldn't all labs count? J. Huddleston - They want this to be a learning enrichment for the faculty as well. R. Slaymaker - There is also a piece of reflection that needs to be included.

25. BIOL-BICM – Add Experiential Learning & Revise Course Selection

See above.

26. BIOL-BIOG – Add Experiential Learning & Revise Course Selection

See above.

27. BIOL-BIOH – Add Experiential Learning & Revise Course Selection

See above.

28. BIOL-BIOO – Add Experiential Learning & Revise Course Selection

See above.

29. BIOL-BIOV – Add Experiential Learning & Revise Course Selection

See above.

Motion to approve items 24-29 by T. Womble; seconded by R. Jessup; all in favor; motion passes.

30. CIVE 331 – New Course – Environmental Measurements Lab

D. Hewitt - This is a class that Tim Kennedy wants to add to the civil engineering degree. It is a standard class doing measurements that civil engineers would do in practice, mostly having to do with water and air quality. This will be a required class for all civil engineering majors moving forward. T. Womble - You are hiring new faculty to teach these courses, correct? D. Hewitt - Tim Kennedy is already equipped to teach this class. T. Womble - You feel confident that you will be able to get all the people here to teach this degree? D. Hewitt - Yes.

Motion to approve by J. Drachenberg; seconded by T. Womble; all in favor; motion passes.

31. ECEN 315 – New Course – Intro to Embedded Systems

D. Hewitt - ECEN 315 and 316 are corequisites. Having the new electrical engineering degree, we wanted to expand on these subjects. We want to equip our electrical engineers to hit the ground running with this knowledge. This would be the first part of the sequence, with ECEN 422 and 423 to follow. This will roughly mimic the structure of our current course. T. Womble - It's going from a 400-level current course to a 300-level course. Does that mean anything? T. Womble - It makes sense to switch it to 300-level for making this a more foundational course where the new design course will be the 400-level. R. Brown - And this course will be a prerequisite for the design course.

32. ECEN 316 – New Course – Intro to Embedded Systems Lab

See above.

Motion to approve items 31-32 by D. Mayhall; seconded by J. Drachenberg; all in favor; motion passes.

33. ECEN 422 – New Course – Embedded Systems Design

D. Hewitt - This is a follow up to the previous course. It will have a heavy design component. We will discuss the process of taking a system from idea to product. We will do some nuts and bolts professional things as well. This is to develop professional skills.

T. Sensing - Is this software development? D. Hewitt - Yes, in C. There's a little bit of Assembly as well.

34. ECEN 423 – New Course – Embedded Systems Design Lab

See above.

Motion to approve items 33-34 by R. Brown; seconded by T. Womble; all in favor; motion passes.

35. ENGR 272 – Change Credit Hours, Description, Content, Prerequisite, Course Terms

D. Hewitt - This is a civil engineering course. We are changing the credit hours and content. It has been a lecture/lab course. We are changing it to be a lab only, narrowing the scope of class. We will be focused mostly on surveying. This fits better in the new degree plan. The math prerequisite is decreasing because the math doesn't go beyond a Pre-Calculus II level.

36. ENGR 430 – Change Credit Hours & Content

D. Hewitt - These have been 3-hour senior clinics for the capstone experience. Students design a project with a corporate partner. Along with the design components, we had originally lumped in career skill elements like resume writing. Over the last 10 years, we have moved those pieces to other places in the curriculum. We are reducing the hours from 3 to 2 to focus on the main meat and remove the professional development elements since those are covered elsewhere. T. Womble - Both of these courses are required, so does this change the programs? D. Hewitt - These changes were accounted for in the new BS degree plans.

37. ENGR 432 – Change Credit Hours & Content

See above.

Motion to approve items 35-37 by T. Womble; seconded by J. Drachenberg; all in favor; motion passes.

Meeting ended at 4:04 p.m.