

**Texas Tech University
Academic Council**

**Meeting of August 20, 2024
1:30 PM, TLPDC, Room 151 and via Zoom**

Attendance

Present: Nurcan Bac, Andrea Bilkey, Stefanie Borst, Ashlee Brown, Bobbie Brown, Deedee Brown-Campbell, Todd Chambers, Christiana Christofides, Robert Cox, John Dascanio, Debbie Davis, Mayukh Dass, Dottie Durband, Stephen Ekwaro-Osire, Heather Greenhalgh-Spencer, Matt Gregory, Lindsay Hallowell, Kaelene Hansen, Wendy-Adele Humphrey, Amy Koerber, Rodney Lackey, Mitzi Lauderdale (Chair), Brenda Martinez, Michael Carter (for Pat McConnel), Jerrod Nutt, Kuhn Park, Paul Ruiz, Pradip Sahu, Kymberli Saldaña, Sarah Schwintz, Brian Shannon, Amelia Talley, Elizabeth Trejos-Castillo, Dino Villegas, Janessa Walls, and Stephanie West.

Action Items:

1. None.

Lauderdale called the meeting to order by introducing the minutes from the June meeting. Hearing no discussion, Lauderdale called for a motion. Cox moved to approve, A. Brown seconded, and the minutes were approved.

For the next item of business, Hallowell introduced the summary of course proposals, beginning with the voting items, which were items 1-26. Hallowell mentioned that Institutional Research informed her that creating new course sections after the 12th class day causes problems with reporting, so they have decided to move the effective date of any proposed fall 2024 course to spring 2025 to ensure the courses have time to complete their routing in Curriculumlog. Dass asked about items 3 and 4 and about whether they should have more specific titles or descriptions or if more clarity could be provided for who the target audience is for the courses. It was discussed that it is generally up to the discretion of the department whether a course gets designated for majors only or if outside students can take the course. Hearing no further discussion, Lauderdale called for a motion to approve the voting items 1-26. Greenhalgh-Spencer motioned, Durband approved.

Next, Hallowell introduced the program proposals, beginning with the voting items, which were items 1-7. Schwintz mentioned that the Provost's Office has created a task force to create an undergraduate degree in Human Centered Artificial Intelligence and requested that the proposed item 2, Data Science with Artificial Intelligence and Machine Learning Concentration for the Computer Science BS, be tabled so the task force can discuss the two programs in more detail with the Computer Science department. Bac expressed confusion on why a major-specific concentration needed to be tabled for discussion regarding an interdisciplinary program. Schwintz clarified that she does not foresee the task force preventing the Computer Science concentration from ultimately moving forward for approval, but they would like to make sure they are all on the same page. With no further discussion of the remainder of the voting items, Lauderdale called for a motion. Schwintz moved to approve items 1-7 but to table item 2. Talley seconded. With two oppositions, the motion carried.

Hallowell then summarized the informational items, which were all curricular changes with effective dates of fall 2025 with the exception of three programs. Hallowell explained that with the

credit hour change of AAEC 2401 to 2301, there are several Davis College programs lacking a credit hour in their degree plans. She mentioned her office would like to correct the affected programs to be effective this fall rather than wait until fall 2025 to make the corrections. With no opposition from the Council members, Hallowell said they would make the corrections for this academic year.

For the next item of business, Lauderdale proposed updated language to be added to the published foreign language requirement. TTU began offering an exception for the foreign language requirement when we realized it was not a state requirement. Rather than to continue offering exceptions, Lauderdale proposed changing the published catalog language to exempt from the foreign language requirement any student who graduated high school prior to September 1991. Lauderdale clarified that this does not remove any college- or department-specific foreign language requirements. This only exempts students from the university requirement.

Greenhalgh-Spencer mentioned that many Texas high schools offer computer science courses for foreign language credit and asked if TTU would recognize those credits. Lauderdale said we will be using the TEA definition of foreign language, which includes computer science. The Council then discussed the implications of students coming in with prior learning credit or having graduated from bilingual high schools. With no further discussion, Lauderdale called for a motion. A. Brown moved, Villegas seconded, and the new language was approved.

For the last item of business, Chambers notified the Council of a new website called Red Raider Grad Stats that will house data provided by Steppingblocks. This organization compiles data from publicly available websites, such as LinkedIn, and this data can then be broken down by college. The organization also uses a formula to estimate average salaries that they validate as best they can. Chambers envisions this tool being helpful in advising.

In other business, Lauderdale asked the new Council members to introduce themselves. Jerrod Nutt is the new President-Elect of the Staff Senate.

For an announcement, Lauderdale explained that the small course portal is open, and people can contact Amanda Lange in the Registrar's Office with questions. The deadline for the portal is August 27th. Lauderdale urged departments not to cancel courses after the 4th class day if at all possible. Schwintz asked about a course being offered in the second half of the term, and Lauderdale said she can ignore the small course portal for now or make documentation in the portal that the course begins later.

B. Brown provided the add dates for the term, which are as follows: Add via MyTech August 22-27, add via advisor August 28-September 3, add via advisor with instructor approval September 4-9.

For another announcement, Lauderdale mentioned that Financial Value and Gainful Employment Reporting is due by August 26th. She requested one spreadsheet per college.

Lauderdale pleaded for Council members to continue getting students enrolled in classes, and she also thanked everyone for their hard work thus far.

Hearing no other business or announcements, Lauderdale adjourned the meeting.

Voting Items: Courses

Add New Course							
No.	College	Prefix & No.	Title	Description	Hours/Activity Type	Modality	Effective Term
1	AG	ANSC 4412	Feline Behavior and Training	Prerequisite: ANSC 3314. Covers cat behavior modification and training principles. Students will work with shelter cats to apply these principles and mechanics of training to improve behavior. (CL)	4:3:0:2 Lecture, Non-credit Lab	F2F	Summer 2025
2	AS	BIOL 5360	Conservation Biology	Focuses on the principles of conservation biology, discussing the values of and threats to biodiversity, before exploring interdisciplinary approaches to biodiversity protection. [BIOL 4360]	3:3:0:1 Lecture	F2F	Spring 2025
3	AS	BIOL 6329	Advanced Quantitative Methods	Prerequisite: BIOL 6309, or equivalent evidence of statistical background and experience in R, or consent of instructor. Deals with analyses that go beyond the traditional statistics course, including multivariate analyses, bootstrapping approaches, mixed-effects models, optimization procedures in non-linear models.	3:3:0:0 Lecture	F2F	Spring 2025
4	EN	CS 5370	Introduction to Machine Learning	Introduces principles, algorithms, and applications of machine learning through modeling and prediction and includes formulation of learning problems and concepts of representation, over-fitting, and generalization.	3:3:0:0 Lecture	F2F	Spring 2025
5	EN	CS 5371	Introduction to Quantum Computing	Introduces the mathematical foundation of finite-dimensional density matrix formalism of quantum mechanics relevant to quantum computing, quantum algorithms, and quantum information.	3:3:0:0 Lecture	F2F	Spring 2025
6	ED	EDIT 6310	Research Seminar in Instructional Technology	Covers foundational and advanced instructional technology research by highlighting research knowledge and practical applications of instructional technology through readings, critiques, and research. May be repeated for credit.	3:3:0:0 Seminar	Online	Spring 2025
7	AS	ENGL 5326	MATC Portfolio Capstone	Capstone Course for MATC (ENTC) students. Students use completed projects from previous MATC coursework as artifacts with which to compose their final MATC Portfolio.	3:3:0:0 Lecture	Online	Spring 2025
8	AS	GEOL 5010	Internship in Geosciences	Supervised activity in a professional setting. Opportunity to apply technical skills in a non-academic setting. Prior approval required.	V1-6 Practicum	F2F	Spring 2025
9	EN	IE 5370	Engineering Data Analytics	Prerequisite: Understanding of basic probability and statistics and basic programming skills. Data analysis techniques, tools, and applications, including dimensionality, reduction, regression classification, clustering, support vector machine, neural network, etc. with engineering applications.	3:3:0:0 Lecture	Online	Spring 2025
10	AS	SPAN 5311	Spanish As a Heritage Language: Pedagogical and Methodological Implications	Seeks to help students understand the sociolinguistic and socio-affective needs of Spanish heritage speakers and familiarize them with the best teaching practices for heritage speakers.	3:3:0:0 Seminar	F2F	Spring 2025
11	AS	SPAN 5333	Raciolinguistics I: Theoretical Perspectives	Seeks to explore the interface between language, race, and identity and reflect on strategies to stop perpetuating racial disparities in students' lives and their communities.	3:3:0:0 Seminar	F2F	Spring 2025
12	AS	SPAN 5337	Raciolinguistics II: Research Methodologies	Seeks to briefly review the interface between language, race, and identity and conduct a research project that has IRB approval and will be intended for publication.	3:3:0:0 Seminar	F2F	Spring 2025
13	AS	SPAN 5393	Translation Theory and Linguistic Analysis	A graduate introduction to translation studies covering the main theoretical approaches in the field as well as relevant aspects of linguistic analysis.	3:3:0:0 Lecture	F2F	Spring 2025
14	GR	SVM 6000	Thesis	Students will articulate and compose research activities into a measurable product toward the completion of a thesis as part of the requirement for the program.	V1-6 Thesis	F2F	Spring 2025

Change Course Number				
No.	College	Prefix & No.	Title	Effective Term
15	VS	Proposed: DVM 6285 Current: DVM 5261	Principles of Epidemiology	Spring 2025
16	VS	Proposed: DVM 5291 Current: DVM 6271	Principles of Surgery	Spring 2025

Change Prefix				
No.	College	Prefix & No.	Title	Effective Term
17	GR	Proposed: RE 5310 Current: WE 5310	Wind Energy Law, Policy, and Regulation	Spring 2025
18	GR	Proposed: RE 5311 Current: WE 5311	Wind Energy Finance and Economics	Spring 2025

Change Credit/Contact Hours					
No.	College	Prefix & No.	Title	Change Requested	Effective Term
19	VP	THA 5346	Graduate Speech for the Actor	Change contact hours to 3:3:0:3	Spring 2025

Delete Course				
No.	College	Prefix & No.	Title	Effective Term
20	AS	GEOL 5342	Spatial Data Analysis and Modeling in Geosciences	Fall 2024

Multiple Changes							
No.	College	Change Type	Prefix & No.	Title	Description	Credit/Contact Hours / CIP Code / Activity Type / eLearning	Effective Term
21	EN	Description, Activity Type	ENGR 3000	Engineering Cooperative Education	<p>Proposed: Approval by the Engineering Associate Dean. Global Internships. Alternately, field course for supervised pre-professional educational employment experiences in industry and/or government involving assignments in the student's major.</p> <p>Current: Approval by the Engineering Cooperative Education Director. Field course for supervised preprofessional educational employment experiences in industry and government involving assignments in the student's major.</p>	Change activity type from Independent Study to Practicum	Spring 2025
22	GR	Title, Description	HMGH 5337	<p>Proposed: Intangible Cultural Heritage</p> <p>Current: Perspectives on Intangible Heritage</p>	<p>Proposed: Explores the profound importance of intangible cultural heritage, emphasizing its cultural, social, and economic significance, while fostering sustainable conservation and appreciation.</p> <p>Current: Introduces the concept of intangible heritage, exploring the relationship between tangible and intangible heritage and examining how to ensure its preservation.</p>		Spring 2025
23	HS	Title, Description	ID 3381	<p>Proposed: Lighting and Systems</p> <p>Current: Lighting Systems</p>	<p>Proposed: Survey of principles and applications of lighting and environmental systems in interior design, emphasizing their impact on human well-being in both residential and commercial spaces.</p> <p>Current: Survey of the human factors relating to the luminous environment that support health, safety, comfort, human performance, and aesthetics.</p>		Spring 2025
24	EN	Number, Credit/Contact Hours	<p>Proposed: IE 5035</p> <p>Current: IE 5335</p>	Practicum in Industrial Engineering		Change credit hours from 3 to V1-3	Spring 2025
25	GR	Title, Description	PRAG 5301	<p>Proposed: Common Methods for Cross-Disciplinary Research</p> <p>Current: Seminar in Semeiotic Common Methods for Cross-Disciplinary Research</p>	<p>Proposed: Helps students identify and connect similarities across disciplines, apply learned methodologies to new situations, and develop research questions and shared goals.</p> <p>Current: Natural processes structured as dialogues are semeioses. Semeiotic (developed by C.S. Peirce) is the interdisciplinary scientific theory of such processes.</p>		Spring 2025
26	GR	Prefix, CIP Code	<p>Proposed: RE 5300</p> <p>Current: WE 5300</p>	Advanced Technical Wind Energy I		Change CIP Code to 15.1701.0019	Spring 2025

Voting Items: Programs

Add New Program

No.	College	Department	Program Type	Title	Modality/Campus	Hours	Effective Term
1	EN	Computer Science	Undergraduate Concentration	Computer Science, BS: Cybersecurity Concentration	F2F	15	Fall 2024
2	EN	Computer Science [tabled 8.20.24]	Undergraduate Concentration	Computer Science, BS: Data Science with Artificial Intelligence and Machine Learning Concentration	F2F	15	Fall 2024
3	AG	Agricultural and Applied Economics	Undergraduate Certificate	Excellence in Ag Finance, Undergraduate Certificate	F2F	18	Fall 2024
4	GR	Interdisciplinary Graduate Opportunities	Graduate Certificate	Social Entrepreneurship, Graduate Certificate	F2F, Hybrid, 100% Online	15	Fall 2024
5	EN	Computer Science	Undergraduate Concentration	Computer Science, BS: Software Engineering Concentration	F2F	15	Fall 2024
6	AS	Classical and Modern Languages and Literatures	Graduate Certificate	Spanish-English Translation, Graduate Certificate	F2F	12	Fall 2024

Modality Change

No.	College	Department	Program Type	Title	Change Requested	Effective Term
7	BA	Department of MBA Programs	Master of Business Administration	Master of Business Administration	Add hybrid and 100% modalities	Spring 2025