

**Texas Tech University
Academic Council**

**Meeting of March 19, 2024
1:30 PM, TLPDC, Room 151 and via Zoom**

Attendance

Present: Cindy Akers, Nurcan Bac, Andrea Bilkey, Stefanie Borst, Ashlee Brown, Bobbie Brown, Deedee Brown-Campbell, Chad Cain, Todd Chambers, Robert Cox, John Dascanio, Mayukh Dass, Debbie Davis, Dottie Durband, Stephen Ekwaro-Osire, Kristi Gaines, Matt Gregory, Heather Greenhalgh-Spencer, Lindsay Hallowell, Kaelene Hansen, Wendy-Adele Humphrey, Jorge Iber, Darryl James (Chair), Amy Koerber, Rodney Lackey, Mitzi Lauderdale, Brenda Martinez, Pat McConnel, Kuhn Park, Narissra Punyanunt-Carter, Paul Ruiz (for Genevieve Durham DeCesaro), Pradip Sahu, Kymberli Saldaña, Preston Schmid (for Joel Rivero), Brian Shannon, Sarah Schwintz, Kamau Siwatu, Suzanne Tapp, Elizabeth Trejos-Castillo, Dino Villegas, Janessa Walls, and Stephanie West.

Guest: Sandra Castillo

<p>Action Items:</p>

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| <p>1. None.</p> |
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James called the meeting to order by introducing the minutes from the February meeting. Hearing no discussion, James called for a motion. Davis moved, Cox 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 1-76. The Council experienced technical difficulties, so the remainder of the meeting was conducted via Zoom chat. With no discussion of the course proposals, James called for a motion. Greenhalgh-Spencer moved, Koerber seconded, and the courses were approved. Hallowell then highlighted the informational items.

Next, Hallowell introduced the program proposals, beginning with the voting items, which were items 1-11. The in-person attendees discussed the proposals in detail and decided to table item 2, Investment Management undergraduate certificate, pending discussions between the Colleges of Business and Human Sciences. With no additional discussion of the programs, James called for a motion. Greenhalgh-Spencer moved, Cox seconded, and the remaining programs were approved, with item 2 being tabled. Hallowell then mentioned that the informational program proposals were curricular changes.

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

Voting Items

Add New Course

No.	College	Prefix & No.	Title	Description	Hours/Activity Type	Modality	Effective Term
1	AS	ATMO 4010	Internship in Atmospheric Science	Supervised activity in a professional setting. Opportunity to apply technical skills in a non-academic setting. Prior approval required.	V1-6 Practicum	F2F	Fall 2024
2	AS	BIOL 4360	Conservation Biology	Prerequisite: BIOL 3309. Focuses on the principles of conservation biology, discussing the values of and threats to biodiversity before exploring interdisciplinary approaches to biodiversity protection. [BIOL 5360]	3:3:0:0 Lecture	F2F	Fall 2024
3	AS	ENGL 5166	Creative Writing Practicum	Prerequisite: Admission to the M.F.A. in Creative Writing. Offers a brief, targeted discussion on issues related to writing followed by a focused period of writing-in-place. May be repeated for credit.	1:3:0:0 Practicum, Discussion	F2F	Fall 2025
4	AS	ENGL 5367	Forms and Techniques in Creative Writing	Prerequisite: Admission to the M.F.A. in Creative Writing. Studies the forms, craft, themes, and aesthetics of particular writing genres (fiction, nonfiction, poetry, or literary translation). Focuses on craft, criticism, form, and creative writing. May be repeated for credit.	3:3:0:0 Seminar, Discussion	F2F	Spring 2026
5	AS	ENGL 5395	Teaching Creative Writing	Prerequisite: Permission from Director of Creative Writing. Students analyze theories of creative writing pedagogy practices; examine workshop models; and design exercises, revision techniques, and group dynamics for creative writing courses.	3:3:0:0 Lecture, Discussion	Online	Fall 2025
6	AS	FSCI 6120	Special Topics in Forensic Science	Prerequisite: For professional concentration only. Advanced concepts in forensic science will be presented through classroom presentations and discussions focusing on different aspects of forensic science as found in current journal articles, casework studies, and current research projects.	1:1:0:0 Lecture	Online	Fall 2024
7	AS	GEOL 4010	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	Fall 2024
8	EN	IE 4356	Product Innovation	Prerequisite: IE 3351. Focuses on design and manufacturing for the biomedical device industry, providing skills in biomedical device research and development, teamwork, and interdisciplinary knowledge.	3:3:0:0 Lecture	F2F	Fall 2024
9	MC	JOUR 4306	Sports Journalism	Prerequisites: GPA of 2.5; C or higher in JOUR 3380; pass the Basics of Writing exam with a grade of 70 or higher. Students will learn the fundamentals of gathering, organizing, evaluating, and writing sports information in an accepted professional style across news media platforms. May be repeated for credit.	3:3:0:0 Lecture, Discussion	F2F	Summer 2024
10	MC	JOUR 4360	Business Journalism	Prerequisites: GPA of 2.5; C or higher in JOUR 3380; pass the Basics of Writing exam with a grade of 70 or higher. Teaches students how to report and write compelling stories about companies and businesses, telling audiences about new developments that will impact their wallets. May be repeated for credit.	3:3:0:0 Lecture, Discussion	F2F	Summer 2024
11	MC	JOUR 4371	Investigative Journalism	Prerequisites: GPA of 2.5; C or higher in JOUR 3380; pass the Basics of Writing exam with a grade of 70 or higher. Teaches investigative reporting with an emphasis on data journalism. Students learn to systematically uncover underreported social trends and potential wrongdoing by government agencies, corporate entities, or nonprofit organizations. May be repeated for credit.	3:3:0:0 Lecture, Discussion	F2F	Summer 2024
12	EN	ME 4355	Aircraft Propulsion	Prerequisite: ME 3370. An introduction to aircraft propulsion, including characteristics and performance of aerospace propulsion systems, rocket and air breathing propulsion systems performance and behavior, and designs of rocket or air breathing propulsion systems. Approved departmental elective.	3:3:0:0 Lecture	F2F	Summer 2024
13	AG	NRM 4308	Avian Ecology and Management	Students will examine principles of bird population ecology, adaptation, and conservation of bird populations.	3:3:0:0 Lecture	F2F	Fall 2024
14	HS	PFP 3302	Introduction to Cryptocurrency from a Financial Planning Perspective	Explores cryptocurrency through the lens of imaginary human constructs. Concepts include Bitcoin, Ethereum, real-world applications, investment risks, and regulation. [PFP 5302]	3:3:0:0 Lecture	F2F	Summer 2024
15	HS	PFP 5302	Introduction to Cryptocurrency from a Financial Planning Perspective	Explores cryptocurrency through the lens of imaginary human constructs. Concepts include Bitcoin, Ethereum, real-world applications, investment risks, and regulation. [PFP 3302]	3:3:0:0 Lecture	Online	Summer 2024
16	VP	VPA 2303	Arts for K-8 Teachers	This interactive, process-oriented course will enable its students to construct inquiry processes from art and music education content, leading to deeper understanding and EC-6 classroom application.	3:3:0:0 Lecture	F2F	Fall 2024
17	AG	VSCI 5304	Application of Immunology in Animal Health	Covers immunological concepts and their applications in animal health, providing a solid foundation for further specialization and practical understanding through lectures and research analysis.	3:3:0:0 Lecture	Online	Fall 2024
18	UN	WGS 3332	Feminist Philosophy	Examines philosophical issues in feminist thought. Topics may include oppression, sexual difference, the intersection between multiple identities, sex and sexuality, aesthetics, epistemology, and ethical theories. [PHIL 3332]	3:3:0:0 Lecture	F2F	Fall 2024

Change Course Title

No.	College	Prefix & No.	Title	Effective Term
19	VM	DVM 5120	Proposed: Integrated Clinical Reasoning 1 Current: Clinical Presentations 1	Fall 2024
20	VM	DVM 5121	Proposed: Integrated Clinical Reasoning 2 Current: Clinical Presentations 2	Fall 2024
21	VM	DVM 6320	Proposed: Integrated Clinical Reasoning 3 Current: Clinical Presentations 3	Fall 2024
22	VM	DVM 6321	Proposed: Integrated Clinical Reasoning 4 Current: Clinical Presentations 4	Fall 2024
23	VM	DVM 7220	Proposed: Integrated Clinical Reasoning 5 Current: Clinical Presentations 5	Fall 2024
24	VM	DVM 7321	Proposed: Integrated Clinical Reasoning 6 Current: Clinical Presentations 6	Fall 2024
25	AS	ECO 5312	Proposed: Microeconomics I Current: Microeconomic Analysis	Fall 2024
26	AS	FSCI 5260	Proposed: Courtroom Testimony for Forensic Scientists Current: Report Writing and Expert Testimony	Fall 2024

Change Course Number

No.	College	Prefix & No.	Title	Effective Term
27	AS	Proposed: ECO 5343 Current: ECO 5317	Natural Resource and Environmental Economics	Fall 2024

Change CIP Code

No.	College	Prefix & No.	Title	Change Requested	Effective Term
28	AS	ECO 6312	Microeconomics II	Change CIP Code to 45.0603.00	Fall 2024
29	AS	ECO 6313	Microeconomics III	Change CIP Code to 45.0603.00	Fall 2024
30	AS	ECO 6322	Macroeconomics II	Change CIP Code to 45.0603.00	Fall 2024
31	AS	ECO 6323	Macroeconomics III	Change CIP Code to 45.0603.00	Fall 2024

Change Course Modality

No.	College	Prefix & No.	Title	Change Requested	Effective Term
32	EN	ENGR 1110	Engineering Seminar	Change from online to F2F	Fall 2024
33	AS	SPMT 5321	Financial Management in Sport	Add 100% online modality	Fall 2024
34	AS	SPMT 5329	Sport Event Management	Add 100% online modality	Fall 2024
35	AS	SPMT 5344	Applied Issues in Sport Analytics	Add 100% online modality	Fall 2024
36	AS	SPMT 5347	Sport Media Management	Add 100% online modality	Fall 2024
37	AS	SPMT 5348	Sponsorship and Endorsement in Sport	Add 100% online modality	Fall 2024

Delete Course

No.	College	Prefix & No.	Title	Effective Term
38	VP	ARTH 5313	Arts of the Ancient World	Fall 2024
39	AS	ECO 5346	Game Theory	Fall 2024
40	AS	GEOG 3363	Geography of South America	Fall 2024
41	AS	GEOL 4332	Spatial Data Analysis and Modeling in Geosciences	Fall 2024
42	LW	LAW 6010	Global Biosecurity Law	Fall 2024
43	LW	LAW 6096	Supreme Court Seminar	Fall 2024
44	AS	SPAN 4303	Advanced Oral Expression in Context	Fall 2024

Multiple Changes

No.	College	Change Type	Prefix & No.	Title	Description	Credit/Contact Hours / CIP Code / Activity Type /	Effective Term
45	VP	Title, Description, Prefix	Proposed: DT 3351 Current: DAN 3351	Proposed: Theatre and Dance in the Community Current: Dance in the Community	Proposed: Allows students to immerse themselves in a performing arts-related discipline from the standpoint of community engagement. Students, with faculty mentorship, will create and implement projects that integrate the performing arts within a community need or interest.		Fall 2024
46	EN	Description, Tandem	ECE 4380	Embedded Systems	Proposed: Control of peripherals. Maintain continuous data streams. Real-time operating systems. [ECE 5380] Current: Control of peripherals. Streaming data. Implementation of discrete convolution. Real-time operating systems.		Fall 2024
47	EN	Description, Tandem	ECE 5380	Embedded Systems	Proposed: Control of peripherals. Maintain continuous data streams. Real-time operating systems. [ECE 4380] Current: Control of peripherals, streaming of data, implementation of discrete convolution, real-time operating systems.		Fall 2024
48	AS	Title, CIP Code	ECO 5311	Proposed: Macroeconomics I Current: Macroeconomic Theory and Policy		Change CIP Code to 45.0603.00	Fall 2024
49	AS	Number, Title, CIP Code	Proposed: ECO 5301 Current: ECO 5313	Proposed: Mathematical Economics Current: Mathematical Economics I		Change CIP Code to 45.0603.00	Fall 2024
50	AS	Number, CIP Code	Proposed: ECO 5331 Current: ECO 5314	Econometrics I		Change CIP Code to 45.0603.00	Fall 2024
51	AS	Number, Title, CIP Code	Proposed: ECO 5383 Current: ECO 5316	Proposed: Time Series Economics Current: Time Series Econometrics		Change CIP Code to 45.0603.00	Fall 2024
52	AS	Number, Title, CIP Code	Proposed: ECO 5344 Current: ECO 5319	Proposed: Environmental Economics Current: Advanced Topics in Environmental Economics		Change CIP Code to 45.0603.00	Fall 2024
53	AS	Number, Title, CIP Code	Proposed: ECO 5355 Current: ECO 5321	Proposed: Labor Economics I Current: Labor Markets Theory and Policy		Change CIP Code to 45.0603.00	Fall 2024
54	AS	Number, Title, CIP Code	Proposed: ECO 6356 Current: ECO 5322	Proposed: Labor Economics II Current: The Economics of Wages and Income		Change CIP Code to 45.0603.00	Fall 2024
55	AS	Number, Title, CIP Code	Proposed: ECO 5353 Current: ECO 5324	Proposed: Public Finance I Current: Seminar in Public Finance		Change CIP Code to 45.0603.00	Fall 2024
56	AS	Number, Title, CIP Code	Proposed: ECO 6361 Current: ECO 5328	Proposed: Monetary Economics Current: Monetary Theory II		Change CIP Code to 45.0603.00	Fall 2024
57	AS	Number, Title, CIP Code	Proposed: ECO 6354 Current: ECO 5329	Proposed: Public Finance II Current: Current Problems in Public Finance		Change CIP Code to 45.0603.00	Fall 2024
58	AS	Number, Title, CIP Code	Proposed: ECO 6366 Current: ECO 5332	Proposed: International Finance Current: Advanced International Finance		Change CIP Code to 45.0603.00	Fall 2024

59	AS	Number, Title, CIP Code	Proposed: ECO 5365 Current: ECO 5333	Proposed: International Trade Current: Advanced International Economics		Change CIP Code to 45.0603.00	Fall 2024
60	AS	Number, Title, CIP Code	Proposed: ECO 6341 Current: ECO 5347	Proposed: Industrial Organization I Current: Industrial Organization Theory		Change CIP Code to 45.0603.00	Fall 2024
61	AS	Number, Title, CIP Code	Proposed: ECO 6342 Current: ECO 5348	Proposed: Industrial Organization II Current: Seminar in Empirical Industrial Organization		Change CIP Code to 45.0603.00	Fall 2024
62	AS	Number, Title, CIP Code	Proposed: ECO 5345 Current: ECO 5356	Proposed: Energy Economics Current: Advanced Topics in Energy Economics		Change CIP Code to 45.0603.00	Fall 2024
63	AS	Number, Title, CIP Code	Proposed: ECO 6367 Current: ECO 5357	Proposed: Forecasting Current: Forecasting and Applied Macroeconomics		Change CIP Code to 45.0603.00	Fall 2024
64	AS	Number, Title, CIP Code	Proposed: ECO 6369 Current: ECO 5358	Proposed: Growth and Development Current: Macroeconomics of Economic Development		Change CIP Code to 45.0603.00	Fall 2024
65	AS	Number, Title, CIP Code	Proposed: ECO 6340 Current: ECO 5375	Proposed: Macroeconomic Labor Economics Current: Topics in Labor Economics		Change CIP Code to 45.0603.00	Fall 2024
66	AS	Number, CIP Code	Proposed: ECO 6363 Current: ECO 6353	Consumption and Investment: Microfoundations and Aggregate Dynamics		Change CIP Code to 45.0603.00	Fall 2024
67	AS	Title, Description	FSCI 5258	Proposed: Criminal Investigations Current: Profiling and Forensic Science Investigation	Proposed: Provides an overview of managing criminal investigations. Concepts include overview of major types of crimes, call response, evidence collection, interrogation, and case presentation. Current: Introduction to profiling and forensic science investigation, focusing on fundamentals of profiling methods, and theoretical and practical foundation of dynamics and motivation of serial offenses.		Fall 2024
68	AS	Title, Description	FSCI 5331	Proposed: Forensic Science and the Law Current: Advanced Topics in Forensic Science	Proposed: Presents the justice system and the application of rules of evidence to forensic sciences. It will cover evidence admissibility and landmark cases. Current: Students will experience real-world topics specific to legal issues. The Innocence Project of Texas is dedicated to investigating claims of innocence related to serious crimes.		Fall 2024
69	AS	Title, Description	FSCI 5350	Proposed: Crime Scene Processing and Integrity of Physical Evidence Current: Crime Scene Investigation	Proposed: Presents crime scene processing and the integrity of physical evidence. Topics will include documentation, recognition, collection, and preservation of physical evidence. Current: Relevant issues and the principles of forensic science will be examined. Concepts of identifying, preserving, and collecting of evidence as it relates to solving crimes will be emphasized.		Fall 2024
70	AS	Title, Description	FSCI 5352	Proposed: Quality Assurance and Ethics in Forensic Science Current: Ethics in Forensic Science	Proposed: Introduces the importance of quality assurance, ethics, codes of conduct, and professional practice in forensic science. Current: A survey of ethics and professional standards in forensic sciences. Critical thinking and communication are emphasized.		Fall 2024
71	AS	Number, Title, Description, Credit/Contact Hours, CIP Code	Proposed: GEOG 4010 Current: GEOG 4310	Proposed: Internship in Geography and the Environment Current: Internship In Geography	Proposed: Supervised activity in a professional setting. Opportunity to apply technical skills in a non-academic setting. Prior approval required. Current: Prerequisites: Minimum of 12 hours in geography, minimum 3.0 GPA in geography, and consent of instructor. Supervised activity in a nonacademic setting. Students gain experience in the working world while having the opportunity to utilize accumulated geographic concepts and tools.	Change credit hours from 3 to V1-6	Fall 2024
72	AS	Title, Description	GPH 5330	Proposed: Data Science for Geophysics Current: Geophysical Data Processing	Proposed: Emphasizes the basics of Python programming and data science in geophysics. Current: Emphasizes geophysical data analysis and modeling using Matlab.		Fall 2024

73	MC	Title, Description	JOUR 3317	Proposed: Public Affairs Journalism Current: Publication Design and Graphics	Proposed: Prerequisites: GPA of 2.5; C or higher in JOUR 3380; pass the Basics of Writing Exam with 70 or higher. Teaches students how local governments and courts work, how to obtain information from public institutions, and how to interact with local communities. Students learn to develop a beat by focusing on a particular area of government and the community. Current: Covers the contemporary design and production of mass media publications, including newsletters, annual reports, pamphlets, newspapers, and magazines. Secondary emphasis on desktop publishing technologies.		Fall 2024
74	EN	Number, Credit/Contact Hours	Proposed: PETR 4323 Current: PETR 4121	Petroleum Design II		Change credit hours from 1 to 3	Fall 2027
75	EN	Number, Credit/Contact Hours	Proposed: PETR 4322 Current: PETR 4222	Petroleum Design I		Change credit hours from 2 to 3	Fall 2027
76	VP	Title, Description	VPA 5314	Proposed: Arts Research in Contemporary Contexts Current: The Arts in a Contemporary Context	Proposed: Identifies and interrogates current trends in arts research and examines interdisciplinary research methodologies associated with the composition, performance, reception, and interpretation of artworks. Current: Investigates contemporary practices, trends, problems, and values across the arts by examining key figures whose work is crucial to understanding ways in which interdisciplinarity informs contemporary arts.		Fall 2024

Voting Items

Add New Program

No.	College	Department	Program Type	Title	Modality/Campus	Hours	Effective Term
1	BA	Finance	Undergraduate Certificate	Corporate Risk Management and Insurance	F2F	12	Fall 2024
2	BA (tabled 3/19/24)	Finance	Undergraduate Certificate	Investment Management	F2F	12	Fall 2024
3	AS	English	Master of Fine Arts	Creative Writing, M.F.A.	F2F	60	Fall 2025
4	EN	Engineering	Undergraduate Minor	Project Engineering	F2F	18	Fall 2024

Modality Change

No.	College	Department	Program Type	Title	Change Requested	Effective Term
5	AS	English	Master of Arts	Technical Communication, M.A.	Add hybrid modality	Summer 2024
6	AS	English	Doctor of Philosophy	Technical Communication and Rhetoric, Ph.D.	Add 100% online and hybrid modalities	Fall 2024

Program Deletion

No.	College	Department	Program Type	Title	Effective Term
7	AS	Kinesiology and Sport Management	Graduate Concentration	Kinesiology, M.S.: Clinical Concentration	Fall 2024
8	AS	Kinesiology and Sport Management	Graduate Concentration	Kinesiology, M.S.: Integrative Physiology Concentration	Fall 2024
9	ED	Curriculum and Instruction	Graduate Certificate	Multidisciplinary Science	Fall 2024
10	AS	Kinesiology and Sport Management	Graduate Certificate	Sport Management	Fall 2024

Multiple Changes

No.	College	Department	Program Type	Title	Change Requested	Effective Term
11	GR	Interdisciplinary Graduate Opportunities	Graduate Certificate	Cross-Cultural Studies	Add 100% online modality Change curricular content	Fall 2024