

GRADUATE COUNCIL: PROPOSAL FOR CHANGE IN EXISTING COURSE/PROGRAM

Originating Unit

Type of action: change in course change in program

Type of change requested:

Number

Course Title

Description

Prerequisite(s) Program

Drop Course

Requirements

Drop Program*

Other, please specify

**A SACSCOC Drop Program Justification form will need to be completed*

Semester and year course/program will take effect:

Course instructional methodology:

course component types: [ugradcouncil.tcu.edu/forms/Course Component Types.pdf](http://ugradcouncil.tcu.edu/forms/Course%20Component%20Types.pdf)

Current name:

Proposed name:

Appropriate computer abbreviation (30 spaces or less):

Programs Only

Current program code:

(ex:EDCE-PHD)

Proposed code (list 2)

or

Current CIP code:

Does the change require a new or change in CIP code: Yes No

If yes, what is the proposed new CIP code:

*for reference please visit: nces.ed.gov/ipeds/cipcode/resources.aspx?y=56

Is the program already considered TCU STEM: Yes No

Does the change include a request to be a TCU STEM program: Yes No

Description of change (omit if dropping a course or program):

Present Catalog Copy

Proposed Catalog Copy:

Supporting evidence or justification:

Explain how the change(s) will affect the current outcomes and assessment mechanisms?

Additional resources required

Faculty:

Space:

Equipment:

Library:

Financial Aid:

Other:

Change in teaching load:

Does this change affect any other units of the University? Yes No

If yes, submit supporting statement signed by chair of affected unit.

If cross-listed, provide evidence of approval by all curriculum committees appropriate to both the originating and the cross-listed units.

Chair of Originating Unit:

Name: Mary U. Bien

Unit: Management & Leadership

Signature:

Mary U. Bien

Energy Current Events

MANA 70670

Spring 2025 8W2

Instructor Name: Rob Clarke, Adjunct

Number of Credits: 1.5

Class Location: TBD

Class Meeting Day(s) & Time(s): TBD

Office: N/A

Contact Information:

Robert Clarke

VP Upstream Research/Americas

+1 346 9517 direct | +1 214 587 2565 mobile

woodmac.com | [LinkedIn](#) | [Twitter](#) | [YouTube](#)

Response Time: Unless I am traveling, I generally respond the same day to emails received before 7 pm. I will respond to emails received after 7 pm the following day.

Course Information

Course Description

This 8-week course explores the current issues facing companies in the energy sector such as capital, debt, cash flows, emissions and other regulatory compliance, the impact of mergers & acquisitions, domestic & global economics and policies, among other possibilities.

Course Educational Objective

Students in this course will learn to analyze and evaluate issues in the energy industry in light of current events and ascertain their potential impact on corporate earnings and the future of energy organizations.

Course Learning Objectives

Students who complete this course will be able to:

1. Understand the sustainability pressure the E&P sector is under. What has changed the past few years and why does that create strategy challenges going forward? What performance metrics are investors placing the most emphasis on now and why?
2. Be able to analyze and track debt, cash flow, spending, and return of capital metrics. Articulate the rationale for why these metrics are critical to capitalizing energy firms.
3. Describe what the future of US onshore looks like for specific upstream E&Ps. Be able to argue if consolidation (M&A) continues to happen. And quantify the benefits (or not) of M&A; operational synergies, reduced costs, lower WACC.
4. Know how decarbonization pressures impact the US independents and US Majors. Understand how they vary among peer groups too. Appreciate and model the level of spend needed to pursue a lower carbon strategy.

5. Articulate the types of assets will build a resilient upstream portfolio. Be able to SWOT onshore shale and tight oil versus conventional deepwater or energy transition projects.
6. Demonstrate basic knowledge in valuing oil and gas projects. What variables drive NPV the most? Identify differentiated modeling inputs among companies and contrast against the importance of macro commodity prices or changing tax terms.
7. Showcase awareness and understanding of the rapidly unfolding energy transition. Will fossil fuel demand drop? Where, why, and how? Understand, interpret, and present variations of datasets that make a bull or bear case for scaling back upstream investment.

Mapping of Course Outcomes and Course Activities and Assignments

Course Outcome(s)	Course Activities: Assignments, Exams/Quizzes, Presentations, etc.	Number of Instances
All	Weekly lectures that incorporate current events into each learning outcome	8
1,2,4	Assigned reading: industry white papers, company material, SEC filings	6
3,4,5,6	Prepare for external speakers	4
3,4,5	External videos	2-4
2,3,4	Midterm essay exam – 1 question in small groups	1
1,5,6,7	Final exam – Company strategy presentations	1

Required Materials:

No textbook is required. Students will research energy industry periodicals, news stories, websites, etc. All other course materials will be available online for downloading from the course site.

Prerequisites

There are no academic pre-requisites for the course. All students are expected to have a working familiarity with personal computers, including operating system procedures, file creation and transfer, operation of Microsoft Word and Microsoft Power Point, and experience in using the Internet and social media (including email).

Punctuality: Class will start on time each class period.

Format

Course material will be delivered through a mix of in-class lecture presentations, reading assignments, videos, case studies, etc.

Attendance Policy: Attendance is **mandatory** and will be taken at the beginning of class.

Cell Phones/Laptops/Tablets: All cell phones are to be turned off or put in the silent mode. Should you receive a call that you need to answer, please leave the classroom. Texting during class is prohibited. Tablets and Laptops are to be used for taking notes only.

Instructor Availability and Response Time

Please feel free to email me directly with questions about grades, requests for help, or other issues that are not appropriate for the rest of the class to read. I check email regularly and will respond to all emails as quickly as possible to make sure there are no pressing issues involving assignments. You may also communicate with me via telephone. Please do not assume that you will reach me on weekends but, feel free to leave me a message or text.

Course Policies and Requirements

<u>Grade Calculation</u>	<u>Points</u>	<u>Grade Percentage</u>
1) Guest Speaker Research	200	20%
2) Mid-term Essay	350	35%
3) Final Exam/Presentations	450	55%
Total	1000	100%

Tests: There will be a Mid-term Exam comprised of an essay question to be worked on in small groups. The Final Exam will consist of presentations on the devised company strategies.

Grading Concerns

If you believe I have graded an assignment, quiz or exam incorrectly, you may submit your concern to me in writing no later than 48 hours after the assignment is returned to you.

Rescheduling of Finals Policy: According to the Faculty/Staff Handbook "Rescheduling of Finals" section, arrangements for rescheduling a final must be made one week prior to the last day of classes as stated in the university calendar. Rescheduling of final examinations is permitted 1) for meeting the 24-hour rule or 2) for graduating seniors whose faculty members must submit final grades by Wednesday 5 pm of finals week. Unless the student is graduating, the exam must be taken during final examination week.

Homework: All classes have assigned reading. You should complete the readings and be prepared to answer questions in class.

Website: Course materials, including any lecture notes, can be accessed through TCU Online.

Tentative Course Schedule

Below is the tentative course schedule. The schedule may be altered or revised depending on course progress.

Date	Topic	Preparation / Reading Assignment	Learning Activity Synchronous Sessions
Week 1	Overview of US E&P sector & quantitative evaluation of performance metrics	Kimmeridge papers	In person lecture w/ Zoom option. Team formation for midterm essay and final presentation.
Week 2	What makes the Majors different? How do they manage portfolio risk and opportunity across the entire value chain?	Pre-read news flow sent by instructor; Production and operator datasets	In person lecture w/ Zoom option; recorded C-Suite interviews.
Week 3	Competing strategies: growing upstream vis-à-vis a lower carbon future.	Deloitte – Striking a balance	In person lecture w/ Zoom option & target external speaker: PXD
Week 4	The PE-backed shale operator. How have they managed capital the past 3 years?	Eagle Ford research and A&D pitch books	In person lecture w/ Zoom option; Group Q&A; discussion of capital markets; guest speaker from EnergyNet
Midterm Group Essay	Early impressions on company assignments. Including earnings season. Does the strategy seem right? Are they leading or lagging?		
Week 5	M&A –downturn consolidation and opportunistic buying	Devon, EQT, Permian Resources and ConocoPhillips deal disclosures	In person lecture w/ Zoom option; possible A&D engineering industry speaker.
Week 6	Energy Transition – What’s behind the regional differences to energy transition adoption?	Industry white papers; energy transition, emissions and net zero research	In person lecture w/ Zoom option; external WoodMac speaker.
Week 7	“Ask an Analyst anything (about your project company).”	TBD. Asset valuations? Asset benchmarking? Exploration? LNG? Global oil markets?	In person lecture w/ Zoom option.
Week 8	Final presentations	NA	In-person presentations with Energy Institute

Date	Topic	Preparation / Reading Assignment	Learning Activity Synchronous Sessions
			guests. Zoom option for remote.

University Information

Campus Life and the Student Experience will Be Different This Year. The health and safety of students, faculty, and staff is Texas Christian University’s highest priority. Safety protocols may change during the semester and may result in modifications or changes to the teaching format, delivery method, or the course schedule (e.g., altering meeting times or frequency; changing beginning or ending dates for a term; or partially or completely moving from a face-to-face classroom teaching to an online teaching or remote learning format). Any changes in teaching format, delivery method, or course schedule will not impact the credit hours for the course.

Health and Wellness. If you are exhibiting symptoms that may be related to COVID-19 (fever or chills, dry cough, shortness of breath, etc.) or are concerned that you may have been exposed to COVID-19, you must self-quarantine and consult with the Brown Lupton Health Center at 817-257-7949 for further guidance.

In addition, you must notify the Campus Life Office immediately at 817-257-7926 or use the TCU COVID-19 Self-Report Hotline, 817-257-2684 (817-257-COVI). Campus Life will inform your professors that you are unable to attend class and provide any assistance and support needed. Click [here](#) for detailed information concerning COVID-19 symptoms: <https://www.cdc.gov/coronavirus>.

If you are unwell but are not exhibiting potential COVID-19-related symptoms, please notify your instructor as soon as possible that you are ill and will not be attending class.

Statement on TCU’s Discrimination Policy. TCU is committed to providing a positive learning, living, and working environment free from unlawful discrimination, harassment, sexual misconduct, and retaliation. In support of this commitment, in its policy on Prohibited Discrimination, harassment, sexual misconduct and retaliation, TCU has a range of prohibited behaviors, including unlawful discrimination and harassment and related sexual and other misconduct based on age, race, color, religion, sex, sexual orientation, gender, gender identity, gender expression, national origin, ethnic origin, disability, predisposing genetic information, covered veteran status, and any other basis protected by law. The Office of Institutional Equity (OIE) is responsible for responding to all reports of discrimination, harassment, sexual misconduct and retaliation.

Please use the following links to review [TCU Policy 1.008 Prohibited Discrimination, Harassment, Sexual Misconduct and Retaliation](#) or to review [TCU Policy 1.009 Responding to Reports of Prohibited Discrimination, Harassment, Sexual Misconduct, and Retaliation](#).

To make a report, you may call OIE at 817-257-8228, email oi@tcu.edu, visit us at The Harrison, Suite 1800 or click here: [Make a Report](#).

[To learn about the Campus Community Response Team \(CCRT\) and Report a Bias Incident click here: https://inclusion.tcu.edu/campus-community-response-team/](https://inclusion.tcu.edu/campus-community-response-team/)

Title IX: TCU's Title IX Coordinator works within OIE. Andrea Vircks-McDew serves as TCU's Title IX Coordinator. You may call 817-257-8228 to make a report, email ois@tcu.edu or a.vircks@tcu.edu, or make a report [here](#). Additional Title IX resources and information are available at <https://www.tcu.edu/institutional-equity/title-ix/index.php>.

Mandatory Reporters: ALL TCU employees, except confidential resources, are considered Mandatory Reporters. Mandatory reporters are required to immediately report to OIE any conduct that raises Discrimination, Harassment, Sexual Misconduct (Title IX or Violence Against Women (VAWA)) or Retaliation. Mandatory reporters cannot promise to refrain from forwarding the information to OIE.

TCU Policy for Religious Observations & Holidays. Students who are unable to participate in a class, in any related assignment or in a university required activity because of the religious observance of a holy day shall be provided with a reasonable opportunity to make up the examination or assignment, without penalty, provided that it does not create an unreasonable burden on the University." For more information, please visit the [TCU Policy for Religious Observations & Holidays](#) webpage.

Student Access and Accommodation. Texas Christian University affords students with disabilities reasonable accommodations in accordance with the Americans with Disabilities Act and Section 504 of the Rehabilitation Act. To be eligible for disability-related academic accommodations, students are required to register with the TCU Office of Student Access and Accommodation and have their requested accommodations evaluated. If approved for accommodations, students are required to discuss their official TCU Notification of Accommodation with their instructors. Accommodations are not retroactive and require advance notice to implement. The Office of Student Access and Accommodation is located in The Harrison, Suite 1200. More information on how to apply for accommodations can be found at <https://www.tcu.edu/access-accommodation/> or by calling Student Access and Accommodation at (817) 257-6567.

Audio Recording Notification. Audio recordings of class lectures may be permitted by the instructor or as an approved disability accommodation through Student Access and Accommodation. Recordings are not to be shared with other students, posted to any online forum, or otherwise disseminated.

Emergency Response Information. Please review [TCU's L.E.S.S. is More public safety video](#) to learn about Lockdown, Evacuate, and Seek Shelter procedures. (<https://publicsafety.tcu.edu/less-is-more/>)

[TCU's Public Safety website](#) provides maps that show our building's rally point for evacuation and the seek shelter location. (<https://publicsafety.tcu.edu/>)

In the event of an emergency, call the TCU Police Department at **817-257-7777**.

Download the [Frogshield Campus Safety App](#) on your phone. (<https://police.tcu.edu/frogshield/>)

Student Perception of Teaching (SPOT). Towards the end of the semester, you will receive an email asking to complete your SPOT for this course. I appreciate your thoughtful and reflective feedback to help make this course successful for future students. You can fill out the SPOT by clicking on the link in the email or in TCU Online when SPOTs open.

Class Norms & Netiquette. All members of the class are expected to follow rules of common courtesy in all email messages, discussions, and chats. If I deem any of them to be inappropriate

or offensive, I will forward the message to the Chair of the department and appropriate action will be taken, not excluding expulsion from the course. The same rules apply online as they do in person. Be respectful of other students. Foul discourse will not be tolerated. Please take a moment and read the [basic information about netiquette](http://www.albion.com/netiquette/) (<http://www.albion.com/netiquette/>).

Participating in the virtual realm, including social media sites and shared-access sites sometimes used for educational collaborations, should be done with honor and integrity. Please [review TCU's guidelines on electronic communications](#) (email, text messages, social networks, etc.) from the Student Handbook. (<https://tcu.codes/policies/network-and-computing-policy/e-mail-electronic-communications-social-networks/>)

Technology Policies. Email: Only the official TCU student email address will be used for all course notification. It is your responsibility to check your TCU email on a regular basis.

Course Materials: TCU students are prohibited from sharing any portion of course materials (including videos, PowerPoint slides, assignments, or notes) with others, including on social media, without written permission by the course instructor. Accessing, copying, transporting (to another person or location), modifying, or destroying programs, records, or data belonging to TCU or another user without authorization, whether such data is in transit or storage, is prohibited. The full policy can be found at: <https://security.tcu.edu/polproc/usage-policy/>.

Violating this policy is considered a violation of Section 3.2.15 of the Student Code of Conduct (this policy may be found in the Student Handbook at <https://tcu.codes/code/index/>), **and may also constitute Academic Misconduct or Disruptive Classroom Behavior** (these policies may be found in the undergraduate catalog at <https://tcu.smartcatalogiq.com/current/Undergraduate-Catalog/Student-Policies/Academic-Conduct-Policy-Details>). TCU encourages student debate and discourse; accordingly, TCU generally interprets and applies its policies, including the policies referenced above, consistent with the values of free expression and First Amendment principles.

Academic Misconduct. Academic Misconduct (Sec. 3.4 from the [TCU Code of Student Conduct](#)): Any act that violates the academic integrity of the institution is considered academic misconduct. The procedures used to resolve suspected acts of academic misconduct are available in the offices of Academic Deans and the Office of Campus Life and are also listed in detail in the [Undergraduate Catalog](#) and the [Graduate Catalog](#) Specific examples include, but are not limited to:

- **Cheating:** Copying from another student's test paper, laboratory report, other report, or computer files and listings; using, during any academic exercise, material and/or devices not authorized by the person in charge of the test; collaborating with or seeking aid from another student during a test or laboratory without permission; knowingly using, buying, selling, stealing, transporting, or soliciting in its entirety or in part, the contents of a test or other assignment unauthorized for release; substituting for another student or permitting another student to substitute for oneself.
- **Plagiarism:** The appropriation, theft, purchase or obtaining by any means another's work, and the unacknowledged submission or incorporation of that work as one's own offered for credit. Appropriation includes the quoting or paraphrasing of another's work without giving credit therefore. *[If you are using Turnitin, place information about your course ID/password or state that items will be checked as part of the TCU Online assignment submission process. If you want to use Turnitin as a spot check, indicate that you may use Turnitin for plagiarism detection.]*
- **Collusion:** The unauthorized collaboration with another in preparing work offered for credit.

- **Abuse of resource materials:** Mutilating, destroying, concealing, or stealing such material.
- **Computer misuse:** Unauthorized or illegal use of computer software or hardware through the TCU Computer Center or through any programs, terminals, or freestanding computers owned, leased or operated by TCU or any of its academic units for the purpose of affecting the academic standing of a student.
- **Fabrication and falsification:** Unauthorized alteration or invention of any information or citation in an academic exercise. Falsification involves altering information for use in any academic exercise. Fabrication involves inventing or counterfeiting information for use in any academic exercise.
- **Multiple submission:** The submission by the same individual of substantial portions of the same academic work (including oral reports) for credit more than once in the same or another class without authorization.
- **Complicity in academic misconduct:** Helping another to commit an act of academic misconduct.
- **Bearing false witness:** Knowingly and falsely accusing another student of academic misconduct.

TCU Online: Our Learning Management System

Technical Requirements: Check your computer is ready by looking at the [specifications list](https://community.brightspace.com/s/article/Brightspace-Platform-Requirements). (<https://community.brightspace.com/s/article/Brightspace-Platform-Requirements>)

Log In: (using your TCU Network Credentials)

1. Access via my.tcu.edu > Student Quick Links > TCU Online
2. Login at the following [website](http://d2l.tcu.edu) (<http://d2l.tcu.edu>) my.tcu.edu

*For information about logging into TCU Online, view these [instructions](http://tcuonline.tcu.edu/kb/how-do-i-log-in/). (<http://tcuonline.tcu.edu/kb/how-do-i-log-in/>).

Student Orientation Tutorial for TCU Online: If you have not yet taken the TCU Online Student Orientation Tutorial, please do so now. To access it, click on the Orientations semester OR view all courses in your My Courses widget visible upon logging in to TCU Online. Click on the "Student Orientation Tutorial" to enter the orientation course. Follow the instructions in the course. You can return to this tutorial at any time.

How This Course Will Use TCU Online. Course lecture materials and assignments will be posted in the Content tab. Announcements regarding upcoming activities will be posted in TCU Online and sent via email at the end of each week.

Getting Help with TCU Online. If you experience any technical problems while using TCU Online, please do not hesitate to contact the TCU Online (D2L) Help Desk. They can be reached by phone or chat 24 hours a day, 7 days a week, 365 days a year.

Phone: 1-877-325-7778

Chat: Chat is available within TCU Online in the Help menu on the navigation bar.

If you are working with the Help Desk to resolve a technical issue, make sure to keep me updated on the troubleshooting progress.

If you have a course-related issue (course content, assignment troubles, quiz difficulties) please contact me.

Personal Settings & Notifications for TCU Online. As a student, you should set up your account settings, profile, and notifications. To do this you will login to TCU Online and select your name on the top right of the screen. In the Profile area, you can upload a photo of yourself and add personal information. In the Notifications area, you can add your phone number to receive text messages when grades are given as well as reminder texts for upcoming assignments and quizzes.

Student Success Tools for TCU Online

Pulse. [Pulse](#) is a phone app which gives you access to the course calendar, assignments, grades, and announcements. This app provides a graph that can help you manage your time. Based on the number of assignments and events on the course calendar for your classes, the graph will display busy times for class work in the upcoming week. You can use this app to manage your daily workload, and it includes the ability to view and access course materials offline. You can download Pulse from the Google Play or Apple Store. You can learn more and download Pulse here: <https://www.d2l.com/products/pulse/>.

ReadSpeaker. [ReadSpeaker](#) includes a number of tools that can enhance your understanding and comprehension of course materials. ReadSpeaker can create an audio version of content that you can listen to while on a page within a course or that you can download to listen offline. ReadSpeaker can also read Microsoft Office files and PDFs. There are additional tools and features to assist you with reading and focusing in TCU Online, tools that provide support for writing and proofing text, and tools that can read non-TCU Online content aloud. You can learn more about how to use ReadSpeaker tools here: <https://tcuonline.tcu.edu/how-to-hub/instructor-how-to-hub-for-tcu-online/integrations-and-mobile/readspeaker/>

Support for TCU Students

Campus Offices

- Alcohol & Drug Education Center (817-257-7100, Samuelson Hall basement)
- Brown-Lupton Health Center (817-257-7938 or 817-257-7940)
- Campus Life (817-257-7926, the Harrison 1600)
- Center for Academic Advising (817-257-7486, Jarvis 140)
- Center for Digital Expression (CDeX) (cdex@tcu.edu, Scharbauer 2003)
- Counseling & Mental Health Center (817-257-7863, Samuelson Hall basement)
- Mary Coats Burnett Library (817-257-7117)
- Office of Religious & Spiritual Life (817-257-7830, Jarvis Hall 1st floor)
- Student Access and Accommodations (817-257-6567, The Harrison 1200)
- Center for Writing (817-257-7221, Reed Hall 419)
- Transfer Student Center (817-257-7855, BLUU 2003)
- Veterans Services (817-257-5557, Jarvis Hall 219)