Summer/Fall 2016
COURSE OFFERINGS
ADMISSION TO HONORS COURSES

Honors courses are designed, first of all, for Honors College members; however, any TTU student with a GPA of 3.0 or better is eligible to enroll in Honors courses as space permits.

For more information, contact: Honors College, McClellan Hall Room 103, (806) 742-1828; honors@ttu.edu

GRADUATION WITH HONORS DESIGNATIONS

Students must complete 24 hours in Honors courses to graduate from Texas Tech University with the transcript designation “with Honors from the Honors College.” See the Honors College Student Handbook on the web for more details.

A student who wishes to graduate with the transcript designation “with Highest Honors from the Honors College” must complete an Honors Thesis and 30 hours of Honors coursework. Permission from the Honors College is required before beginning the Honors Thesis. Students must maintain a 3.25 pure grade point average both to remain in the Honors College and to graduate with either of these Honors designations.

Students intending to graduate with either designation must file an “Intent to Graduate” form with the Honors College about one year prior to the graduation date. Honors College designations are listed on the transcript and the diploma. These are in addition to other distinctions graduates may earn, such as Magna Cum Laude.
Dear Honors Student,

Welcome to the Honors College course offerings booklet for the Summer 2016 and Fall 2016 semesters. Believe it or not, it’s time to begin working on your summer and fall 2016 schedule! Honors students can began registering via Raiderlink on Friday, April 8th (Honors seniors may register on Thursday, April 7th).

Honors seniors and juniors will, for the most part, be exempted from mandatory advising this semester, although some may receive an email asking them to come in to discuss the completion of their Honors credit hours. Exempt upperclassmen can request Honors course permits by emailing a Permit Request Form (currently found on the Honors College website under Advising > Course Information) to an Honors advisor as early as possible for best chance of reserving a seat in requested classes. All upperclassmen will receive an email from an Honors advisor notifying them of their advising status; all other students will be required to schedule an advising appointment.

Honors advising is mandatory for all Honors freshmen and sophomores, and the Honors registration hold will not be moved forward until the student is advised in our office. Honors advising will begin on Monday, February 29th, with the following schedule (credit hours as of December 2015):

- Seniors and Juniors (60+ hrs.)  February 29 - March 22
- Sophomores (30-59 hrs.)    March 23 - March 31
- Freshmen (0-29 hrs.)       April 1 - April 8

Advising appointments are limited, and permits into Honors courses are given on a first-come, first-served basis. Therefore, it is important to make an appointment as early as possible.

PLEASE DO NOT CALL TO MAKE YOUR APPOINTMENT. Students will receive an email from the Honors College providing a link to our online scheduling tool, Genbook, which is used for scheduling appointments. Genbook will be audited daily to ensure that all students’ appointments are made during the appropriate dates for their classification. Unauthorized appointments will be cancelled.

A list of all university classes to be offered in the fall term is available for students in the MyTech tab of Raiderlink (www.raiderlink.ttu.edu). Students should review both this booklet and the Tech course schedule on Raiderlink before the advising appointment and arrive with a preliminary schedule. The advising session will go quickly and smoothly if students will:

- Come prepared! Students will need to complete a Permit Request Form (currently found on the Honors College website under Advising > Course Information) by reviewing the university’s fall schedule and the Honors course booklet. Students without tentative schedules (including times/days of classes) will be asked to reschedule the Honors advising appointment.
- If you have questions concerning your degree requirements or additional registration holds, schedule an appointment with your primary advisor prior to your visit with the Honors College.
- Arrive on time. Since your appointment will only be scheduled for a short time period, it is imperative that you arrive on time and prepared. If you arrive late for your appointment, you will be rescheduled.
- Cancel your appointment beforehand if you are unable to make it. Any student who fails to notify us that he or she will miss an advising appointment will be rescheduled for April 7th or later.

Remember that registration for fall courses must be completed on the web. Your Honors advisor will not enroll in your fall courses. Thus, if you do not know your e-raider password, you need to call the IT Help Desk (742-HELP) prior to April 7th to ensure that your registration will be trouble-free. Happy scheduling!

-Honors College Advisors

Times, room numbers, and other course information are subject to change.

Be sure to check the Summer/Fall 2016 course booklet for changes.
Once a course is full, the course is closed. Students may elect to be placed on a waitlist for closed courses. FULL/CLOSED courses are listed in red text.

**EVHM 4302-H01** EVHM Capstone Experience: Camino de Santiago (CRN# 37724) Prof. K. Caswell Spain: May 19-June 3, 2016

**Prerequisite:** Instructor approval is required; email Professor Caswell at Kurt.Caswell@ttu.edu.

**Course dates:** May 19-June 3, 2016 (Intersession)

Spain is our classroom in this Honors summit experience course: a two-week backpacking trip on the Camino de Santiago, the famed thousand year-old pilgrimage route to the picturesque city of Santiago de Compostela. We’ll focus our work on developing leadership skills and understanding group dynamics, as well as exploring the natural and cultural history of northern Spain and the Camino. Students will take on leadership roles, and be offered peer feedback on judgment and decision-making. Creative and critical writing and reading will complete our training. We’ll conduct writing workshops in the field. In addition, we’ll attend to experiences in solitude and in community, and make a point of exploring the flora, fauna, geology, weathers, archaeology, history, and culture of the region.

**THIS COURSE FULFILLS 3 HOURS OF THE HONORS SUMMIT REQUIREMENT.**

***STUDY ABROAD:*** Contact Kurt Caswell at kurt.caswell@ttu.edu for more information.

**HONS 1304-H01** Introduction to Music Theory (CRN# 37902) Prof. T. Cimarusti MTWRF 9:00 AM-1:00 PM

**Course dates:** May 18-June 2, 2016 (Intersession)

Have you ever wanted to learn how to read music? How about learning how to write a song? This course will introduce students to the theory of music, providing them with the skills needed to read and write Western music notation, as well as to understand, analyze, and listen informedly. The course will cover material such as pitches, scales, intervals, clefs, rhythm, form, meter, and basic harmony. Examples from pop and classical musics will aid in our understanding of fundamental concepts. A final project will consist of composing a four-part harmonization and/or a song implementing the skills and knowledge acquired throughout the semester. Although the course is suitable for those who have never studied music academically, students with some background in music wishing to deepen their understanding of music theory are also welcome.

**Note:** Students who entered Honors in Fall 2013 or later must take an upper-level Seminar (3000/4000 course) to fulfill the Honors Seminar curricular requirement. This course is not an upper-level Seminar.

**THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.**

**CATALOG YEAR PRIOR TO 2014:** THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM VISUAL AND PERFORMING ARTS REQUIREMENT.

**CATALOG YEAR 2014-2015 AND LATER:** THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM CREATIVE ARTS REQUIREMENT.

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**SUMMER I 2016 COURSE OFFERINGS**

Once a course is full, the course is closed. Students may elect to be placed on a waitlist for closed courses. FULL/CLOSED courses are listed in red text.

**EVHM 4300-H01** EVHM Senior Portfolio (CRN# 38158) Prof. K. Caswell

A writing workshop in creative nonfiction focused on the relationship between people and nature. Students will practice a variety of structural and stylistic approaches with an eye toward developing their personal voice. Research – scientific, philosophical, cultural, theological – will be a major part of the writing process. Students will also learn how to submit their writing for publication. A final student reading will be open to the public. This course has writing intensive requirements.

Students wishing to enroll in this course must obtain permission from Professor Caswell. For more information, contact Kurt Caswell (kurt.caswell@ttu.edu), 806-834-6604.
This is a survey of Western Civilization from prehistory to the Age of Louis XIV. It covers an ambitious span of time. The intellectual goal for this course is equally ambitious. In addition to understanding the place of history in the humanities, our purpose is to “know ourselves.” We shall examine the roots and development of western institutions, religions, economies, and cultures. We want to know the “who, what, when, where, how and why” of our mutual heritage.

CATALOG YEAR PRIOR TO 2014-2015: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM HUMANITIES REQUIREMENT.

HONS 2301-H01  Honors Experience in Fine Arts: Culture and the Built Environment in Spain  (CRN# 37937)  Prof. J. Aranha  MTWR 9:00-10:00 AM

Prerequisite: Instructor approval is required; email Professor Aranha at Joseph.Aranha@ttu.edu
Course dates: June 3-July 10, 2016
What can be learned about lifestyle, beliefs, values, traditions and other aspects of a society by experiencing and understanding its architecture? How do factors such as culture, history, climate, technology and materials shape buildings and give identity and character to a city? The city of Seville in southern Spain will be the classroom where students will study and learn answers to these questions within the context of Spain. Living with a host family; drinking a coffee in a street café; spending an evening biking along the river; hanging out on a weekend night in a plaza away from the tourist attractions; strolling through a local neighborhood market; or visiting a building that was formerly a convent or a ceramics factory, together with excursions to Granada, Cordoba and elsewhere in the region, students will get ‘hands-on’ opportunities to experience architecture, observe how people use the city, discuss issues, and be introduced to ideas and physical conditions, both past and present that have contributed to the unique identity of one of Spain’s most historic, vibrant and beautiful cities.

Note: Students who entered Honors in Fall 2013 or later must take an upper-level Seminar (3000/4000 course) to fulfill the Honors Seminar curricular requirement. This course is not an upper-level Seminar.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

***STUDY ABROAD IN SPAIN: The course will be offered at the TTU Center in Seville during Summer 1, 2016 by Architecture professor Joe Aranha. Students will arrive in Seville June 04, 2016 and will return from Madrid, July 10, 2016. For additional information contact joseph.aranha@ttu.edu.

HONS 3301-H03  History of Modern Italy  (CRN# 36720)  Prof. S. D'Amico  Italy: June 7-July 7, 2016

Prerequisite: Instructor approval is required; email Professor Wong at Aliza.wong@ttu.edu.
Course dates: June 7-July 7, 2016
THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM HUMANITIES REQUIREMENT.
CATALOG YEAR 2014-2015 AND LATER: THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.

***STUDY ABROAD IN ITALY: Contact Dr. Aliza Wong at aliza.wong@ttu.edu for more information.

HONS 4302-H02  Great Cities of Italy  (CRN# 37838)  Prof. A. Wong  Italy: June 7-July 7, 2016

Prerequisite: Instructor approval is required; email Professor Wong at Aliza.wong@ttu.edu.
Course dates: June 7-July 7, 2016
THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

***STUDY ABROAD IN ITALY: Contact Dr. Aliza Wong at aliza.wong@ttu.edu for more information.
Dangerous ship crossings, unknown and hostile terrain, starvation, bad weather, bandits, and no communication with loved ones for months or years. The nineteenth-century botanists, biologists, and ornithologists were the original Indiana Jones in their quest to discover new plant and animal species. They were courageous and determined, just as were the illustrators traveling with them, who produced some of the most important and often lovely scientific records of the day. In this Honors College seminar experience, we will travel with them, too, as we learn by illustrating plants and birds ourselves, using many of their same techniques. We will paint and draw and yes, go out into the field a time or two, but do not be afraid! You do not have to have prior skill or experience in either to be successful in their course.

**THIS COURSE FULFILLS 3 HOURS OF THE HONORS SUMMIT REQUIREMENT.**

**CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM VISUAL AND PERFORMING ARTS REQUIREMENT.**

**CATALOG YEAR 2014-2015 AND LATER: THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.**

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**HONS 4302-H01**  **Honors Summit: World Religions and Modern Politics**  
(CRN: 37726)  
Prof. J. Hodes  
MTWF 10:00-11:50 AM

This course will look at the five major religions of the world, Judaism, Christianity, Islam, Hinduism and Buddhism; and discuss, their origins, how they developed, what the main belief systems are of those religions, and their current political power. To give an example, this course when looking at Christianity will explore the Life of Jesus and the creation of the church by the apostles after his death. It will explore the main ideas of Christianity, and then after acquiring a firm understanding of those foundations will jump to the current day. Today the Roman Catholic church is very powerful and the Pope who just visited the United States is an important political figure with enormous influence. The course will examine this pope, his message and the Christian environment he lives in.

**THIS COURSE FULFILLS 3 HOURS OF THE HONORS SUMMIT REQUIREMENT.**

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**HONS 3304-H01**  **Bones, Botanicals, and Birds**  
(Cross-listed with HONS 4302-H03)  
(CRN# 37934)  
Prof. S. Tomlinson  
MTWRF 12:00-2:00 PM

Dangerous ship crossings, unknown and hostile terrain, starvation, bad weather, bandits, and no communication with loved ones for months or years. The nineteenth-century botanists, biologists, and ornithologists were the original Indiana Jones in their quest to discover new plant and animal species. They were courageous and determined, just as were the illustrators traveling with them, who produced some of the most important and often lovely scientific records of the day. In this Honors College seminar experience, we will travel with them, too, as we learn by illustrating plants and birds ourselves, using many of their same techniques. We will paint and draw and yes, go out into the field a time or two, but do not be afraid! You do not have to have prior skill or experience in either to be successful in their course.

**THIS COURSE FULFILLS 3 HOURS OF THE HONORS SUMMIT REQUIREMENT.**

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**POLS 2302-H01**  **American Public Policy**  
(CRN# 37725)  
Prof. J. Hodes  
MTWRF 2:00-3:50 PM

Note: You need not take POLS 1301 and 2302 in any particular order.

We are currently in an age of radical change. Public policies, from health care to education policy, punishment to corporate regulation – are under a new scrutiny in the contemporary climate of economic crisis, and for many citizens, existential crisis – crises that are about the very means by which Americans will live. In this course we will examine particular public policies, their impact on the masses of Americans, and on specific subpopulations (such as Latinos and African Americans) to better understand the significance of this transformative period in public policy that the nation is now undergoing. The major assignments for this course are weekly writing assignments, an in-class presentation of a research topic of your choosing that is relevant to the course material, and a final essay exam.

**CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM UNITED STATES AND TEXAS GOVERNMENT REQUIREMENT.**

**CATALOG YEAR 2014-2015 AND LATER: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM GOVERNMENT/POLITICAL SCIENCE REQUIREMENT.**
Once a course is full, the course is closed. Students may elect to be placed on a waitlist for closed courses. **FULL/CLOSED courses are listed in red text.**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Instructor</th>
<th>CRN</th>
<th>Schedule</th>
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<tr>
<td>EVHM 4300-H02</td>
<td>EVHM Senior Portfolio (CRN# 70216)</td>
<td>Prof. K. Caswell</td>
<td>EVHM 4300-H02</td>
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<td></td>
<td>A writing workshop in creative nonfiction focused on the relationship between people and nature. Students will practice a variety of structural and stylistic approaches with an eye toward developing their personal voice. Research — scientific, philosophical, cultural, theological — will be a major part of the writing process. Students will also learn how to submit their writing for publication. A final student reading will be open to the public. This course has writing intensive requirements. Students wishing to enroll in this course must obtain permission from Professor Caswell. For more information, contact Kurt Caswell (<a href="mailto:kurt.caswell@ttu.edu">kurt.caswell@ttu.edu</a>), 806-834-6604.</td>
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</tbody>
</table>

| HONS 3301-H01    | The Literature of Travel and Adventure (CRN# 70027) | Prof. K. Caswell       | MTWRF 12:00-1:50 PM |
|                  | (Cross-listed with HONS 4302-H01)                 |                       |                  |
|                  | NOTE: This class is reading intensive. It may include a two-day field experience, which may consist of a tour of the editorial offices of Outside magazine, and a workshop with a National Book Award winning travel writer. For students looking for further study of the travel writing genre, this course complements HONS 4302 Summit—Travel Writing. These two courses may be taken in tandem, for both Honors Seminar and Summit credit. |

Albert Camus wrote in his Notebooks that “what gives value to travel is fear.” Apsley Cherry-Garrard asserts that travel is the physical expression of an intellectual passion. And Paul Theroux affirms “travel is glamorous only in retrospect.” People travel for different reasons, and so it follows that there are different kinds of travelers. In this class in the literature of travel and adventure, we’ll investigate distinctions between travel and tourism, pilgrimage and quest. And of note, we’ll study the path of the hero—a psychological and spiritual journey toward self-mastery. We’ll study travel through a handful of great travelers, who are also great travel writers, and through film. Students are expected to engage in dynamic, heart-felt discussion, and write illuminating, well-developed critical essays. **THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.**

**CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM HUMANITIES REQUIREMENT.**

**CATALOG YEAR 2014-2015 AND LATER: THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.**

| HONS 3302-H01    | Epidemiology of Infectious Diseases: Impacts on Human Health, Wildlife, and Agriculture (CRN# 69999) | Prof. C. Kruczek       | MTWRF 10:00-11:50 AM |
|                  | (Cross-listed with Mbio 3400, Mbio 3401, or with instructor’s consent) |                       |                  |
|                  | This course will focus on factors that play a role in disease emergence and reemergence. Basic epidemiological and public health principles will be discussed. Relationships between the spread of disease and human development and technology will also be explored. **THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.** |

**CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM TECHNOLOGY AND APPLIED SCIENCE REQUIREMENT.**

**CATALOG YEAR 2014-2015 AND LATER: THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.**

**THIS COURSE WILL COUNT AS AN UPPER-LEVEL BIOLOGY COURSE PER APPROVAL OF DEPARTMENTAL ADVISOR.**
When Ali G asked Donald Trump “What is the most popular thing in the world?” his one-word answer was “Music.” Trump was correct in thinking that music is, and always has been, pervasive in human culture. Moreover, there are few individuals who lack a strong connection to something musical, be it a favorite band, a meaningful song, or a melody that we hope to never hear again. This course will introduce students to the social, physiological, and psychological reasons behind these connections, shuttling back and forth between the universal and personal manifestations of music and our minds.

**THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.**

**CATALOG YEAR PRIOR TO 2014-2015: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM VISUAL AND PERFORMING ARTS REQUIREMENT.**

**CATALOG YEAR 2014-2015 AND LATER: THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.**

Are you a traveler, an explorer, a free spirit with a deep desire to see the world? Have you already seen some of the world, and want to learn how to tell your story? Or are you a writer who wants practice in the art of travel writing? If you answer YES to any of these questions, this course is for you. In this workshop course in nonfiction travel writing, our major work will be to craft and revise travel essays with an eye toward publication. Students will also read great travel writing and great travel writers—we’ll use the 2014 edition of The Best American Travel Writing as our text.

**NOTES:** This class is writing intensive. It may include a two-day field experience, which may consist of a tour of the editorial offices of Outside magazine, and a workshop with a National Book Award winning travel writer.

For students looking for further study of the travel writing genre, this course complements HONS 3301 Seminar—The Literature of Travel and Adventure. These two courses may be taken in tandem, for both Honors Seminar and Summit credit.

**THIS COURSE FULFILLS 3 HOURS OF THE HONORS SUMMIT REQUIREMENT.**
# MAYMESTER, SUMMER I, AND SUMMER II 2016 HONORS SEMINARS

FULL/CLOSED courses are listed in red text.

## Summer I 2016
- **HONS 2301-H01**
  - Culture and the Built Environment in Spain
  - Spain: June 3 – July 10
- **HONS 3301-H03**
  - History of Modern Italy
  - Italy: June 7 – July 7
- **HONS 3304-H01**
  - Bones, Botanicals, and Birds (Cross-listed with HONS 4302-H03)
  - MTWRF 12:00-2:00 PM

## Summer II 2016
- **HONS 3301-H01**
  - The Literature of Travel and Adventure (Cross-listed with HONS 4302-H01)
  - MTWRF 2:00-3:50 PM
- **HONS 3302-H01**
  - Epidemiology of Infectious Diseases
  - MTWRF 10:00-11:50 AM
- **HONS 3304-H01**
  - Music and Your Mind
  - MTWRF 9:00-10:50 AM

# MAYMESTER, SUMMER I, AND SUMMER II 2016 HONORS SUMMITS

FULL/CLOSED courses are listed in red text.

## Maymester 2016
- **EVHM 4302-H01**
  - Camino de Santiago
  - Spain: May 19-June 3

## Summer I 2016
- **HONS 4302-H01**
  - World Religions and Modern Politics
  - MTWRF 10:00-11:50 AM
- **HONS 4302-H02**
  - Great Cities of Italy
  - Italy: June 7 – July 7
- **HONS 4302-H03**
  - Bones, Botanicals, and Birds (Cross-listed with HONS 3304-H01)
  - MTWRF 12:00-1:50 PM

## Summer II 2016
- **HONS 4302-H01**
  - Travel Writing (Cross-listed with HONS 3301-H01)
  - MTWRF 12:00-1:50 PM
## FALL 2016 COURSE OFFERINGS

Once a course is full, the course is closed. Students may elect to be placed on a waitlist for closed courses. 
**FULL/CLOSED courses are listed in red text.**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>CRN</th>
<th>Instructor</th>
<th>Days</th>
<th>Time</th>
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<tr>
<td>ACCT 2300-H01</td>
<td>Financial Accounting</td>
<td>20419</td>
<td>Prof. Q. Lynn</td>
<td>MWF</td>
<td>2:00-2:50 PM</td>
</tr>
<tr>
<td>ANSC 3301-H01</td>
<td>Principles of Nutrition</td>
<td>35897</td>
<td>Prof. B. Johnson</td>
<td>TR</td>
<td>11:00-12:20 AM</td>
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<td>ANSC 3301-H70</td>
<td>Discussion</td>
<td>37477</td>
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<tr>
<td>ANSC 3401-H01</td>
<td>Reproductive Physiology</td>
<td>10532</td>
<td>Prof. S. Prien</td>
<td>MW</td>
<td>6:00-7:20 PM</td>
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<tr>
<td>ANSC 3401-H50</td>
<td>No-Credit Lab</td>
<td>10541</td>
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<tr>
<td>ANSC 3401-H70</td>
<td>Discussion</td>
<td>10548</td>
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<td>5:00-5:50 PM</td>
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<tr>
<td>ASTR 1401-H01</td>
<td>Stellar Astronomy</td>
<td>29544</td>
<td>Prof. M. Wigmans</td>
<td>MWF</td>
<td>3:00-3:50 PM</td>
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<tr>
<td>ASTR 1401-H51</td>
<td>No-Credit Lab</td>
<td>29545</td>
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<td>12:00-1:50 PM</td>
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<tr>
<td>ASTR 1401-751</td>
<td>Discussion</td>
<td>30004</td>
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**Prerequisites:** 3.0 GPA, sophomore standing, and a B- or better in any college-level mathematics course.

This course is the first course in the accounting sequence and introduces students to all aspects of external financial reporting. Content includes a basic introduction to the preparation of financial statements and the study of annual reports. Course includes discussion of current topics in financial reporting and research on financial statements of companies listed with the Securities and Exchange Commission.

**Prerequisite:** B- or better in CHEM 1305 or 1307.

Nutritional roles of carbohydrates, proteins, lipids, minerals, vitamins, and water. Digestion, absorption, and use of nutrients and their metabolites.

**This course fulfills 3 hours of the Honors Seminar requirement.**

**Prerequisites:** ANSC 2202 and ANSC 2306 or ANSC 3405.

**Corequisites:** ANSC 3401-H50 and ANSC 3401-H70

This course will provide students with an opportunity for an in-depth study of the reproductive process as it occurs in farm animals. This course differs from the regular section and will target highly motivated students with a unique integrated intellectual experience. As such, the fundamental aspects of reproductive physiology and management will be presented using a more interactive and personalized approach. Topics covered in the course include male and female reproductive anatomy, endocrine glands, sex determination, cloning, artificial insemination, and embryo transfer.

**Catalog year prior to 2014:** This course fulfills 4 hours of the Core Curriculum Natural Science requirement.

**Catalog year 2014-2015 and later:** This course fulfills 4 hours of the Core Curriculum Life and Physical Sciences requirement.

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<th>Course Code</th>
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<th>CRN</th>
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<tr>
<td>BECO 4310-H01</td>
<td>Applied Business Economics</td>
<td>35899</td>
<td>Prof. E. Cardella</td>
<td>TR</td>
<td>2:00-3:20 PM</td>
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**Prerequisites:** B- or better in ECO 2302 or ECO 2305 or AAEC 2305.

Economic analysis applied to business decisions and strategy. Topics may include business valuation, pricing strategy, risk management, contracts, and organizational economics.
Note: Enrollment in this course is restricted to Honors students.

Prerequisites: 1) One year of HS Biology, and 2) Freshmen must meet one of the following criteria: SAT of 1200, ACT of 26, or AP Biology score of 3. Instructor strongly recommends taking CHEM 1307 first.

Corequisite: BIOL 1403-H51

Honors Biology I is designed especially with the sophomore life sciences major in mind. This course helps students build a strong foundation in cell biology, biochemistry, genetics (both molecular and classical), reproductive and developmental biology and evolutionary biology. Along with helping students construct a knowledge base in biology, the course will also challenge students to think about problems as biologists think about them. Rather than listening to lectures, students in this course will do their basic research/reading outside of class, whereas class time will be used to refine and clarify understanding, often in the context of small groups. Students in this course are expected to take a very active and responsible role in their education as biologists. This course has writing intensive requirements.


Prerequisites: B- or better in MATH 1452 and PHYS 1408 (may be taken concurrently). Equilibrium of particles and rigid bodies, friction, centroids, and moments of inertia.

Corequisite: CE 3103
Theory of stress and strain in elastic and inelastic bodies subject to various conditions of loading.

Corequisite: CHEM 1105 strongly recommended.
A survey of basic chemical concepts, properties, and reactions.


Prerequisites: Grade of “A” in CHEM 1301 or a passing score on the Chemistry Placement Exam, at least one year of HS Chemistry, and a score of 600/26 or better on the Math portion of the SAT/ACT.

Corequisite: CHEM 1107 is strongly recommended.
This course focuses on a study of the fundamental concepts of chemistry including nomenclature; chemical reactions; stoichiometry; molecular structure and geometry; bonding concepts and paradigms; thermochemistry; states of matter; the physical characteristics of solids, liquids, and gases; phase transitions; and an introduction to solution properties. This course has a limited enrollment and is taught in a “flipped” format, and as such provides opportunities for direct faculty-student interaction, small group discussion, and hands-on and inquiry-based learning. This course is recommended for students who plan careers in chemistry or in the physical and biological sciences, as well as in medicine or engineering.

Prerequisite: CHEM 1308 with a grade of B- or better.
Corequisite: CHEM 3105 strongly recommended.

Organic chemistry, the chemistry of carbon compounds, underlies almost all the stuff of modern life, including combustion, biochemistry, food, pharmaceuticals, and plastics. The first semester course begins with the language of organic chemistry, the symbols and concepts that we use to describe, understand and predict the structure and bonding of organic molecules. We then discuss some of the fundamental reactions of organic molecules. The emphasis is on understanding simple reactions so they can be applied to more complex systems.

Corequisite: COMS 2300-H71

Equips students with the skills necessary for successful public speaking. Students will learn to prepare and deliver effective presentations, adapt to various audiences, and adjust to different speaking contexts. Emphasizes the application of public speaking theory.

THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM ORAL COMMUNICATION REQUIREMENT.

Prerequisite: Must be accepted to the Whitacre College of Engineering

For students majoring in mechanical and industrial engineering and mechanical and electrical/electronics engineering technology. Provides a background in the orthographic project, selected topics of descriptive geometry, engineering drawing techniques, and computer-aided design and drafting software. This Honors section will include extensive use of Autodesk 3D Inventor, an introduction to design methodologies, and an introduction into 3D simulations.

THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM ORAL COMMUNICATION REQUIREMENT.

Prerequisites: B- or better in ENGL 1301 and ENGL 1302

This course will examine the generic conventions of fiction through a sub-genre developed in the mid-Victorian age and aimed at young readers, the school story. Best known to modern readers through the Harry Potter books, school stories have a long tradition in England reaching back to the 1850s. Initially, these stories were considered appropriate for young people, and thus had to be acceptable to their elders. Later, after the genre had established itself as popular among young readers, it began to appear in cheap forms that could be purchased from a student's pocket money, and thus had to appeal to the young buyers rather than their parents. We'll think about some of the implications of that as we read the first widely popular school story, Tom Brown's Schooldays, Kipling's Stalky and Co. stories, excerpts from Eric, or Little by Little, stories from schoolboy paper The Magnet, and, of course, Harry Potter.

CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM HUMANITIES REQUIREMENT.


Prerequisites: B- or better in ENGL 1301 and ENGL 1302

Join Professor Kurt Caswell on a journey through four genres and four worlds while mastering critical writing in ENGL 2391: Critical Writing. You'll explore Shakespeare's Othello; Ceremony, Leslie Marmon Silko's novel about a young American Indian war veteran; the Pulitzer Prize winning book about Iraq and Afghanistan, The Forever War by Dexter Filkins; and The Epic of Gilgamesh, the oldest story in the world. The course will focus on the writing process rather than content, and students will engage in meaningful discussion about these books toward this end. We'll build a dynamic, lively community of writers, and learn by sharing our work with each other. This class is reading and writing intensive.

CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM HUMANITIES REQUIREMENT.


Prerequisite: Must be accepted to the Whitacre College of Engineering
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>CRN</th>
<th>Instructor</th>
<th>Days</th>
<th>Time</th>
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</thead>
<tbody>
<tr>
<td>ENGL 2391</td>
<td>Introduction to Literary Studies</td>
<td>33066</td>
<td>Prof. B. Clarke</td>
<td>TR</td>
<td>2:00-3:20 PM</td>
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<td></td>
<td><strong>Prerequisites:</strong> B- or better in ENGL 1301 and ENGL 1302. Extensive practice in writing critical essays about literature.</td>
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<tr>
<td>ENGR 2331</td>
<td>Professional Communication for Engineers</td>
<td>37622</td>
<td>Prof. S. Millerick</td>
<td>TR</td>
<td>9:30-10:50 AM</td>
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<td></td>
<td><strong>Prerequisites:</strong> B- or better in ENGL 1302. Rhetorical theory and conventions applied to communication strategies for engineering practice in the global workplace, addressing collaboration, ethical situations, community service, and electronic communication.</td>
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<td>THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM ORAL COMMUNICATION REQUIREMENT.</td>
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<tr>
<td>ENGR 2392</td>
<td>Engineering Ethics and Its Impact on Society</td>
<td>36420</td>
<td>Prof. R. Burgess</td>
<td>MWF</td>
<td>9:00-9:50 AM</td>
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<td>In this section of ENGR 2392 (formerly ENGR 4392), students will be expected to explore important ethical concepts and current engineering issues in-depth. Assignments and discussions will focus on the connection between conceptual analysis and day-day engineering practice. Students will be asked to describe the nature and extent of their obligations as engineers. Contemporary challenges in engineering practice will be explored along with methods of ethical analysis. Students should walk away with a better appreciation of the ethical foundations of engineering as well as with useful tools (such as the cross-impact analysis) for ethical analyses.</td>
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<tr>
<td>EVHM 3300</td>
<td>Research Methods Writing</td>
<td>33228</td>
<td>Prof. K. Caswell</td>
<td>MWF</td>
<td>2:00-2:50 PM</td>
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<td>A writing workshop in creative nonfiction focused on the relationship between people and nature. Students will practice a variety of structural and stylistic approaches with an eye toward developing their personal voice. Research – scientific, philosophical, cultural, theological – will be a major part of the writing process. Students will also learn how to submit their writing for publication. A final student reading will be open to the public. This course has writing intensive requirements.</td>
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<td>Students wishing to enroll in this course must obtain permission from Professor Caswell. For more information, contact Kurt Caswell (<a href="mailto:kurt.caswell@ttu.edu">kurt.caswell@ttu.edu</a>), 806-834-6604.</td>
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<tr>
<td>EVHM 4300</td>
<td>EVHM Senior Portfolio</td>
<td>28349</td>
<td>Prof. K. Caswell</td>
<td>MWF</td>
<td>9:00-9:50 AM</td>
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<tr>
<td>FREN 2390</td>
<td>French Culture</td>
<td>37187</td>
<td>Prof. A. Jonsson</td>
<td>MWF</td>
<td>11:00-11:50 AM</td>
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<td><strong>Note:</strong> Credit does not apply to major or minor requirements. A multimedia approach to topics related to French culture. Taught in English. May not be repeated.</td>
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This course lets you answer for yourself some of the thorniest questions in American history: how did this disparate set of British colonies become one nation? Why did the national structure break apart into Civil War less than a century later? Readings, writing assignments, and discussions all provide access to the methods historians use to answer such questions and investigate the human condition. Primary source readings will inform your analysis of debates concerning historical events and processes, while the textbook and secondary sources provide both the necessary narrative spine and many alternative explanations that historians have considered for these claims. This hands-on examination of historical issues requires your active engagement and participation, so come prepared to think!

THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM AMERICAN HISTORY REQUIREMENT.

HIST 4309-H01 United States and the Cold War (CRN# 37171) Prof. J. Hart MWF 11:00-11:50 AM

SEMINAR

Prerequisite: Junior standing or consent of instructor.

Examines the causes, course, and consequences of the Cold War between the U.S. and the Soviet Union. This course is writing intensive.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

HONS 3300-H01 Individual Honors Research (CRN# 14937) Contact: Prof. K. Williams

HONS 3300-H02 Individual Honors Research (CRN# 22103) Contact: Prof. J. Brink (HAL Majors Only)

Note: This course is for students interested in completing an Honors Thesis, not for students involved in URS.

Prerequisites: Enrollment in the Honors College and approved Honors thesis project application on file.

Contents will vary to meet the needs of students. Independent work under the individual guidance of a faculty member, who must be either a member of the graduate faculty or approved by the Honors College Associate Dean (Aliza.wong@ttu.edu).

HONS 3301-H04 Bridging the Gap Between the Sciences and the Humanities: Folklore (CRN# 35988) Prof. K. Ketner TR 9:30-10:50 AM

SEMINAR

One often encounters the assumption that there is an overwhelming separation between the sciences and the arts/humanities. This seminar will consider that alleged division and explore the hypothesis that the divide is an illusion. We will consider the possibility that these disciplines include unifying common features when viewed through the lens of interdisciplinary study of methods. Another feature of the seminar will be the opportunity to open a dialogue between these two grand aspects of human endeavor. For this semester, we will focus on the special topic of FOLKLORE. The study of folklore is an academic specialty with a long history. Its subject matter is relevant and active in both science and in the humanities. This course has writing intensive requirements.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM HUMANITIES REQUIREMENT.

CATALOG YEAR 2014-2015 AND LATER: THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.

HONS 3301-H05 Africa's Role in the Contemporary World (CRN# 14968) Prof. T. Nagy W 2:00-4:50 PM

SEMINAR

Prerequisite: Junior or senior standing.

Africa is the continent least understood by Americans; it is often presented by the media as a land of war, famine, and pestilence. This course will present Africa’s contemporary reality – the positive as well as the negative – by examining major current issues after briefly surveying Africa’s history, geography, societies, and culture. Themes covered will include: political dynamics; regional conflicts; human rights and women’s issues; economic development and poverty (including the role played by international assistance); involvement of external forces and globalization; refugees and migration; and environmental and public health crisis (including HIV/AIDS). The course will also examine Africa’s role in current U.S. global policy priorities, including US security concerns. The required texts are: Understanding Contemporary Africa (edited by April and Donald Gordon); Things Fall Apart (Chinua Achebe); and supplemental articles designated by the instructor and available in a compendium. This course has writing intensive requirements.

THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM HUMANITIES REQUIREMENT.

CATALOG YEAR 2014-2015 AND LATER: THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.
One Health emphasizes the complex system interactions of human, animal, plant and environment. This holistic approach enables further understanding and familiarity with the interwoven and interdependent aspects of infectious disease (re) emergence, biosecurity, public health, cultural beliefs about disease, and geographic context. In addition, human geography will be explained in a manner that underscores the dynamics of human-environmental interactions and health. This is a unique, multidimensional course that is intended to encourage focused problem solving, analysis, and communication.

**THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.**

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Note: Application to take this course is mandatory. Enrollment is limited to Honors students only. Eligible students must have junior standing by hours or be May/August/December 2018 TTU graduates (as shown on the Tech system) with steady progress made toward completion of medical school science requirements. Students must submit to a criminal background check and will need to pass a TB test prior to entry in the class. Applications are due Wednesday, March 23, 2016 to sarah.timmons@ttu.edu in the Honors College.

This course block provides the framework for Pre-Med students to learn the fundamental concepts of the various roles and responsibilities of physicians. Learning occurs in several settings including classroom instruction, small group forums, and clinical settings. The students also explore ethical, cultural, psychological, and economic dimensions of clinical care through these various learning settings.

**THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.**

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CATALOG YEAR PRIOR TO 2014-2015: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM VISUAL AND PERFORMING ARTS REQUIREMENT.

CATALOG YEAR 2014-2015 AND LATER: THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.

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CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM VISUAL AND PERFORMING ARTS REQUIREMENT.

CATALOG YEAR 2014-2015 AND LATER: THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.

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This course is a comprehensive history of music in the West Texas region. West Texas has a celebrated music history making it a premier location to study topics related to music and place. Students will explore topics such as history, process, place, style and identify as related to music. The music styles include brass band, gospel, rock and roll, country & western, Tejano, conjunto, blues, jazz and other musical genres. Students will read materials related to music and place from a number of geographic areas and from varied theoretical frameworks.

**THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.**

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CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM VISUAL AND PERFORMING ARTS REQUIREMENT.

CATALOG YEAR 2014-2015 AND LATER: THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.
In 2015, the reboot of the television program *Mystery Science Theater 3000* (*MST3K*) became the largest crowd funded video project in history. No small feat for a show that it had its last broadcast 16 years ago in 1999. *MST3K* a low budget comedy program that made fun of and riffed on b-movies aired on two major cable networks, one public access station, and produced a theatrical film in the span of eleven years (1988-1999). The show developed a fanatical following and is now considered by fans and critics one of the funniest and smartest programs to ever grace the small screen. In today’s transmedia world the impact of riffing is all around us from mash-ups on YouTube to fan created cultures. This particular section of the “Icons of Popular Culture” seminar will focus on *MST3K* (and its various offshoots), the history of riffing (which pre-dates *MST3K*), comedy writing, fandom, and taking one form of art and creating something new and unique from it.

**THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.**

**CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM VISUAL AND PERFORMING ARTS REQUIREMENT.**

**CATALOG YEAR 2014-2015 AND LATER: THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.**

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<th>Course Code</th>
<th>Course Title</th>
<th>CRN</th>
<th>Instructor</th>
<th>Time</th>
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<tbody>
<tr>
<td>HONS 4300-H01</td>
<td>Individual Honors Research</td>
<td>(CRN# 15026)</td>
<td>Prof. K. Williams</td>
<td></td>
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<tr>
<td>HONS 4300-H02</td>
<td>Individual Honors Research</td>
<td>(CRN# 22333)</td>
<td>Prof. J. Brink</td>
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</tr>
<tr>
<td>HONS 4301-H01</td>
<td>Torts Law</td>
<td>(CRN# 24624)</td>
<td>Prof. R. Rosen</td>
<td>TWR 10:00-10:50 AM</td>
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<tr>
<td>HONS 4301-H03</td>
<td>Contracts Law</td>
<td>(CRN# 28796)</td>
<td>Prof. B. Shannon</td>
<td>MTWR 8:00-8:50 AM</td>
</tr>
<tr>
<td>HONS 4302-H01</td>
<td>Courage to Continue: Europe, the Second</td>
<td>(CRN# 37440)</td>
<td>Prof. A. Wong</td>
<td>MWF 2:00-2:50 PM</td>
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<td>World War, and Testing the Limits of Humanity</td>
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Note: Enrollment is limited to Honors students only. This course is cross-listed with TTU Law School Course LAW 5404. Application to take this course is required. Applications are due Wednesday, March 30, 2016 to sarah.timmons@ttu.edu in the Honors College. This course is assessed on a Pass/Fail basis for undergraduate students. Students subsequently admitted to the TTU School of Law may have this course waived from their law school degree plan provided that a C+ or higher is earned in the class. Class commences one week earlier than TTU undergraduate classes.

A study of the enforceability of promises, the creation of contractual obligations, performance and breach, the impact of the contract on the legal relationships of nonparties, and the examination of contract doctrine in three settings: personal services, sales of goods, and construction contracts. Class will be held in Law, Room 106.

**THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.**
Dangerous ship crossings, unknown and hostile terrain, starvation, bad weather, bandits, and no communication with loved ones for months or years. The nineteenth-century botanists, biologists, and ornithologists were the original Indiana Jones in their quest to discover new plant and animal species. They were courageous and determined, just as were the illustrators traveling with them, who produced some of the most important and often lovely scientific records of the day. In this Honors College seminar experience, we will travel with them, too, as we learn by illustrating plants and birds ourselves, using many of their same techniques. We will paint and draw and yes, go out into the field a time or two, but do not be afraid! You do not have to have prior skill or experience in either to be successful in their course.

**THIS COURSE FULFILLS 3 HOURS OF THE HONORS SUMMIT REQUIREMENT.**

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**Note:** Non-Honors students interested in HUM 2301 must contact Professor Brink (jim.brink@ttu.edu) for approval before receiving a permit to enroll.

Why is a given literary, philosophical or artistic work considered “novel,” “innovative” or “revolutionary”? How is it that the new appears against a certain intellectual background? To what extent is novelty an “objective” characteristic, intrinsic to the work itself and to what extent is it the result of its interaction with the intellectual/artistic environment within which it emerges? What roles do extraneous factors (such as competition and demands of the market, political pressure/spONSorship, ideological and religious censorship) play in the genesis of novelty? What are the major patterns of intellectual and artistic change in the West? These are some of the questions that we will be addressing in the class. The seminar is an introduction to the Western humanities from Antiquity to Renaissance, with a special emphasis on the issues of novelty, originality, “paradigm shift,” and intellectual change. The course proposes a close look at some of the intense “knots” of novelty, first of all in philosophy and literature, but also in the arts, with the aim of bringing about a better understanding of how cultural history works, what the main “patterns of change” in the Western tradition are, how originality is possible, and how the new is produced. This course has writing intensive requirements.

**THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.*

*Note: Students who entered Honors in Fall 2013 or later must take an upper-level Seminar (3000/4000 course) to fulfill the Honors Seminar curricular requirement. This course is not an upper-level Seminar.

**CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM HUMANITIES REQUIREMENT.**

**CATALOG YEAR 2014-2015 AND LATER: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM LANGUAGE, PHILOSOPHY, AND CULTURE REQUIREMENT.**

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**IE 2324-H01**

**Engineering Economic Analysis**

(CRN# 36169) Prof. J. Carrell

TR 11:00-12:20 PM

**Prerequisite:** B- of better in Math 1451.

Theory and practice of economic decision-making in engineering, business, and personal contexts, including selection between alternatives, break even, risk vs. return, depreciation, taxes, and inflation. This Honors section will include applications of these practices through coursework and projects.

**THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM SOCIAL AND BEHAVIORAL SCIENCES REQUIREMENT.**

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**ISQS 3344-H01**

**Introduction to Production and Operations Management**

(CRN# 33343) Prof. J. Flamm

T 11:00-12:20 PM

**Prerequisites:** B- or better in ISQS 2340 and B- or better in MATH 2300 or 2345.

**Co-requisite:** ISQS 3344-702

An overview of the production and operations function in organizations with examples of the application of computer and quantitative skills to management problems. Both design and operating problems are discussed.

**CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE TECHNOLOGY AND APPLIED SCIENCE REQUIREMENT.**

**CATALOG YEAR 2014-2015 AND LATER: THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.**
Complementary and Integrative Medicine (CRN# 37511)  Prof. J. McComb  TR 9:30-10:50 AM

**Prerequisite:** Senior standing.

In this hands-on interactive class, students will explore complementary methods in improving health outcomes that have been used in integrative medicine. The complementary methods are: (a) mindfulness; (b) yoga; (c) meditation; and (d) biofeedback. The overall student learning outcome is to be able to assess and critique a chosen complementary approach in improving specific health outcomes.

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Essentials of Scholarly Research (CRN# 18385)  Prof. L. Heinz  W 9:00-9:50 AM

Designed to introduce students to life-long information literacy skills and establish the tools for effective and efficient research in a university library. Objectives are based on the ACRL Standards for Information Literacy for Higher Education. Honors students will be required to critically analyze and synthesize information resources to be included in an annotated bibliography and literature review on a topic of their choosing. Case studies will be used in class to discuss issues of academic integrity and ethical use of information.

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Calculus I with Applications (CRN# 29411)  Prof. R. Siwatu  MW 1:00-2:50 PM

**Prerequisites:** Score of 7 on Math Placement Exam or score of 3 on the AP AB Calculus exam; or score of 5 on the MPE or 660/29 on the Math section of the SAT/ACT; or MATH 1350 or 1550 with B- or better; or score of 5 on MPE and MATH 1321 with B- or better.

Differentiation of algebraic and transcendental functions, applications of the derivative, differentials, indefinite integrals, definite integrals. Honors Calculus expands on the regular calculus course by looking in depth into why the concepts work, rather than merely using the concepts. In addition, various additional applications and topics that should be interesting to students will be covered. Honors calculus does not require more work than regular calculus, but rather more interesting approaches to the topics.

**THIS COURSE FULFILLS 4 HOURS OF THE CORE CURRICULUM MATHEMATICS REQUIREMENT.**

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Calculus I with Applications (CRN# 29412)  Prof. A. Solynin  TR 12:30-1:50 PM  T 2:00-2:50 PM

**Prerequisites:** Score of 7 on Math Placement Exam or score of 3 on the AP AB Calculus exam; or score of 5 on the MPE or 660/29 on the Math section of the SAT/ACT; or MATH 1350 or 1550 with B- or better; or score of 5 on MPE and MATH 1321 with B- or better.

Differentiation of algebraic and transcendental functions, applications of the derivative, differentials, indefinite integrals, definite integrals. Honors Calculus expands on the regular calculus course by looking in depth into why the concepts work, rather than merely using the concepts. In addition, various additional applications and topics that should be interesting to students will be covered. Honors calculus does not require more work than regular calculus, but rather more interesting approaches to the topics.

**THIS COURSE FULFILLS 4 HOURS OF THE CORE CURRICULUM MATHEMATICS REQUIREMENT.**

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Calculus II with Applications (CRN# 29573)  Prof. R. Iyer  MW 1:00-2:50 PM

**Prerequisite:** B- or better in MATH 1451.

Methods of integration, parametric equations, polar coordinates, hyperbolic functions, and applications. Honors Calculus expands on the regular calculus course by looking in depth into why the concepts work, rather than merely using the concepts. In addition, various additional applications and topics that should be interesting to students will be covered. Honors calculus does not require more work than regular calculus, but rather more interesting approaches to the topics.

**THIS COURSE FULFILLS 4 HOURS OF THE CORE CURRICULUM MATHEMATICS REQUIREMENT.**

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Linear Algebra (CRN# 15055)  Prof. R. Iyer  TR 9:30-10:50 AM

**Prerequisite:** B- or better in MATH 1452.

This course will involve a balance of theory, application and computation. The many uses of linear algebra will be emphasized in conjunction with the philosophy that serious applications of linear algebra require some computing capability. To this end the course will involve significant use of MATLAB. This course will be enriched for Honors students with additional readings, projects, and/or expositions.

**CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM MATHEMATICS REQUIREMENT.**

**CATALOG YEAR 2014-2015 AND LATER: THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.**
Prerequisite: B- or better in MATH 1452.
Partial differentiation; functions of several variables; multiple integrals, line integrals, surface integrals, Stokes Theorem. Honors Calculus expands on the regular calculus course by looking in depth into why the concepts work, rather than merely using the concepts. In addition, various additional applications and topics that should be interesting to students will be covered. Honors calculus does not require more work than regular calculus, but rather more interesting approaches to the topics.

CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 4 HOURS OF THE CORE CURRICULUM MATHEMATICS REQUIREMENT.
CATALOG YEAR 2014-2015 AND LATER: THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.

Prerequisite: B- or better in MATH 1452.
Partial differentiation; functions of several variables; multiple integrals, line integrals, surface integrals, Stokes Theorem. Honors Calculus expands on the regular calculus course by looking in depth into why the concepts work, rather than merely using the concepts. In addition, various additional applications and topics that should be interesting to students will be covered. Honors calculus does not require more work than regular calculus, but rather more interesting approaches to the topics.

CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 4 HOURS OF THE CORE CURRICULUM MATHEMATICS REQUIREMENT.
CATALOG YEAR 2014-2015 AND LATER: THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.

Note: MATH 3342 and 4342 cannot both be counted toward a mathematics major or minor.
Prerequisite: B- or better in MATH 2450.
This course is designed to cover topics from mathematical statistics that are of interest to students from engineering and/or the sciences. Topics will include descriptive statistics, elementary probability, random variables and their distributions, mean, variance, parameter estimation, hypothesis testing, regression, and analysis of variance. In addition, students will get hands-on experience in the process of experimentation, data collection, and analysis via a group project where students will propose an experiment, get approval, design the experiment and data collection methodology/protocols, run/conduct the experiment and gather data, then analyze the data and draw conclusions. This will all be presented in a written report as well as an oral presentation before their peers.

Note: This course is open to Math minors, but does not fulfill degree requirements for Math majors.
Prerequisite: B- of better in MATH 1452.
Ordinary differential equations, Laplace transforms, and other selected topics. This course will be enriched for Honors students with additional readings, projects, and/or expositions.
Students will critically analyze and evaluate media content and its influence on consumers and create their own media content in response to a topic of their choice, in the form of video essays. As media consumers, it is important to know how to critically analyze the media and understand how you may be influenced by its content. As potential media producers, it is important to know how this work may be affecting others. The primary focus of the course is on United States media, but the international media landscape will also be discussed when relevant.

**CATALOG YEAR PRIOR TO 2014: THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.**

**CATALOG YEAR 2014-2015 AND LATER: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM LANGUAGE, PHILOSOPHY, AND CULTURE REQUIREMENT.**

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**ME 2301-H01 Statics**

(CRN# 24854) Prof. J. Hanson

**Prerequisites:** B- or better in MATH 1452 and PHYS 1408.

The Mechanical Engineering discipline may be broadly divided into two fundamental topical areas: thermal sciences (thermodynamics, fluid mechanics, and heat transfer) and mechanical sciences (statics, solid mechanics, and dynamics). Statics is the introductory course for the mechanical sciences. Course topics include the fundamental principles and analysis procedures for particles, rigid bodies, and systems of rigid bodies in static equilibrium and an introduction to solid mechanics or the determination of stresses and deformations in bodies in static equilibrium. Honors Engineering Mechanics I also includes an introduction to the numerical methods of structural analysis. Although this course is designed for engineering majors, it is also appropriate for non-majors with a potential interest in engineering or a general interest in technological topics.

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**MGT 3370-H01 Organization and Management**

(CRN# 30889) Prof. F. Yitzhak

**Prerequisite:** Only students with a declared Business major or BAUD classification and a cumulative 3.0 Tech GPA may take this course.

Organization and Management serves as an introduction to the field of management, providing an overview of the major management functions – planning, organizing, leading and controlling. This is an engaging, challenging course that focuses on how organizations: 1) set goals and establish plans to reach them; 2) divide work and organize to achieve strategic and operational goals; 3) lead members toward goal attainment through motivation, communication, and group processes; and 4) monitor and control performance to ensure task completion and take corrective action when necessary. A classroom-as-organization pedagogy will be applied whereby students work in teams and practice shared leadership to complete case analyses, experiential exercises, and oral presentations. Thus, experiential learning is achieved as students apply management principles in a team setting to complete course assignments. This course is taught using active learning and experiential techniques and is primarily discussion-based, but also has written components. Critical thinking skills are required for the experiential exercises and case analyses and will be enhanced during this course.

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**MGT 4380-H01 Strategic Management**

(CRN# 15064) Prof. C. Duran

**Prerequisites:** Only business students who have completed BLAW 3391, ISQS 3344, FIN 3320, MKT 3350, MGT 3370, and MGT 3373 with grades of B- or better and are in their final semester. No COBA classifications permitted.

Strategic Management is the capstone, integrative course for graduating business administration students. This is an exciting, challenging course that focuses on how firms formulate, implement, and evaluate strategies. Students use all the knowledge and concepts acquired from prior business courses, integrate them with new strategic-management techniques, and use them to chart the future direction of different organizations. The major responsibility of students in this course is to make objective strategic decisions and to justify them through oral presentations and written case studies. This course is taught using active learning and experiential techniques and is primarily discussion-based, but also has written components. Critical thinking skills are required for the experiential exercises and case analyses and will be enhanced during this course. This Honors course periodically contains a service learning experience and case. Service learning is an active learning technique that combines application of course concepts, interaction with a community partner, and reflective components. The students will have the chance to apply the strategic management concepts learned in this course in a real world setting. This course has writing intensive requirements.
Study of the nutrients found in foods and utilization of those nutrients by the body. Designed to convey the basic principles of nutritional science.

CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 4 HOURS OF THE CORE CURRICULUM NATURAL SCIENCE REQUIREMENT.
CATALOG YEAR 2014-2015 AND LATER: THIS COURSE FULFILLS 4 HOURS OF THE CORE CURRICULUM LIFE AND PHYSICAL SCIENCES REQUIREMENT.

PFP 3301-H01  Introduction to Personal Finance  (CRN# 35772)  Prof. C. Browning  TR 9:30-10:50 AM  
SEMINAR
Introduction to personal finance, including goal setting, cash management, credit, insurance, taxes, housing, investment alternatives, and retirement plans. To better understand how individuals and families make financial decisions to meet their goals, reading assignments and discussion will focus on topics that are both relevant and timely. Class time will be spent collaboratively learning about the financial marketplace and behavioral tendencies, which form the environment in which people make financial decisions. Current issues such as financial literacy, time preferences, investment in human capital, behavioral finance, and generational differences will be explored. Discussion will arise from the readings assigned that focus on current issues, often found in popular press such as the Wall Street Journal, USA Today, and Kiplinger’s Magazine. It will also come from interesting and sometimes controversial new research related to how and why people think about money as they do. We all know that our financial decisions are not always rational, as assumed in economic theory. However, behavior research from economic, psychological, and socio-cultural perspectives can inform us regarding financial decision making.
THIS COURSE FULFILLS 3 HOURS OF THE HONORS SEMINAR REQUIREMENT.

CATALOG YEAR PRIOR TO 2014: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM SOCIAL AND BEHAVIORAL SCIENCES REQUIREMENT.
CATALOG YEAR 2014-2015 AND LATER: THIS COURSE DOES NOT FULFILL A CORE CURRICULUM REQUIREMENT.

PHIL 2310-H02  Logic  (CRN# 37180)  Prof. J. Velasco  MWF 11:00-11:50 AM
Factoring a large number, putting a huge list of names in alphabetical order, or solving a Sudoku problem: each is an example of the kind of problem that can clearly be formalized and solved in a rote manner if you know the right method, or better, if you have access to the right computer program. But is every problem like that? What about analyzing the latest telescope data or even analyzing an editorial in the newspaper? Does the same logic underlie every type of problem? In this class, we will study notions like logical reasoning, logical consequence, and proof, and learn how to prove what follows (or doesn't follow) from what. Along the way, we will look at the scope and the limits of logic. To do this, we will see how logic connects with the real world (which we will explore through the history of the computer) and how it might extend into the most abstract of concepts such as the notion of infinity.

THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM MATHEMATICS REQUIREMENT.

PHIL 2320-H02  Introduction to Ethics  (CRN# 37181)  Prof. J. Schwartz  TR 11:00-12:20 PM
So how ought persons behave toward one another? And does it even make any sense to reason about moral questions in the first place? After all, perhaps morality is just an individual subjective response, like one’s taste in ice cream. Or maybe it’s just a matter of religious dogma, so that one needn’t think for oneself or bother trying to reason about it at all. Or perhaps all behavior boils down to self-interest anyway, so that talk of "moral obligation" is merely empty rhetoric. And, if it is not empty talk, what could possibly ground moral obligation? Imagine having one of those heavy late-night dorm discussions, but with Plato, Thomas Hobbes, John Stuart Mill, and Immanuel Kant chiming in. You will find that, even though those folks are long dead, it turns out that they had a lot to say about matters of morality that still concern us deeply today. In this course, we will explore the potential of thinking carefully and creatively about morality, and we will do so in the company of some of the giants of Western moral philosophy. (Did you know that the 17th Century philosopher, Thomas Hobbes, even came up with a theory to explain why people stay late at parties?)

CATALOG YEAR PRIOR TO 2014-2015: THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM HUMANITIES REQUIREMENT.
Note: This course is open to Honors students and non-Honors Physics and Engineering majors.

**Prerequisites:** B- or better in MATH 1451 or MATH 2323.

**Corequisites:** PHYS 1408-H51 and PHYS 1408-H71.

Calculus-based introductory physics course. Mechanics, kinematics, energy, momentum, gravitation, waves, and thermodynamics. The Honors section differs from the regular sections in its small class size and increased opportunities for discussion. This section is specifically taught for Physics majors as well as Honors students.

**CATALOG YEAR PRIOR TO 2014:** THIS COURSE FULFILLS 4 HOURS OF THE CORE CURRICULUM NATURAL SCIENCE REQUIREMENT.

**CATALOG YEAR 2014-2015 AND LATER:** THIS COURSE FULFILLS 4 HOURS OF THE CORE CURRICULUM LIFE AND PHYSICAL SCIENCES REQUIREMENT.

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Note: This course is open to Honors students and non-Honors Physics and Engineering majors.

**Prerequisites:** B- or better in PHYS 1408 and MATH 1452.

**Corequisites:** PHYS 2401-H51 and PHYS 2401-H71.

Calculus-based introductory physics. Electric and magnetic fields, electromagnetic waves, and optics. The Honors section differs from the regular sections in its small class size and increased opportunities for discussion. This section is specifically taught for Physics majors as well as Honors students.

**CATALOG YEAR PRIOR TO 2014:** THIS COURSE FULFILLS 4 HOURS OF THE CORE CURRICULUM NATURAL SCIENCE REQUIREMENT.

**CATALOG YEAR 2014-2015 AND LATER:** THIS COURSE FULFILLS 4 HOURS OF THE CORE CURRICULUM LIFE AND PHYSICAL SCIENCES REQUIREMENT.

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Note: POLS 2301 is not required before POLS 2302.

We are currently in an age of radical change. Public policies, from health care to education policy, punishment to corporate regulation are under a new scrutiny in the contemporary climate of economic crisis, and for many citizens, existential crisis – crises that are about the very means by which Americans will live. In this course we will examine particular public policies, their impact on the masses of Americans, and on specific subpopulations (such as Latinos and African Americans) to better understand the significance of this transformative period in public policy that the nation is now undergoing. The major assignments for this course are weekly writing assignments, an in-class presentation of a research topic of your choosing that is relevant to the course material, and a final essay exam.

**THIS COURSE FULFILLS 3 HOURS OF THE CORE CURRICULUM GOVERNMENT/POLITICAL SCIENCE REQUIREMENT**

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Introduction to fundamental concepts in psychology. Emphasis on the physiological, social, emotional, and environmental determinants of behavior.

**THIS COURSE FULFILLS 3 HOURS OF THE CORE SOCIAL AND BEHAVIORAL SCIENCES REQUIREMENT.**

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**Prerequisite:** B- or better in PSY 1300.

Study of individual experience and behavior in relation to social stimulus situations. Survey of experimental work and reports on current problems.

**Prerequisite:** Two years of high school Spanish.

A comprehensive one-semester review.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>CRN</th>
<th>Instructor</th>
<th>Days</th>
<th>Time</th>
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<tbody>
<tr>
<td>SPAN 2301-H01</td>
<td>A Second Course in Spanish I</td>
<td>10942</td>
<td>Prof. J. McNutt</td>
<td>MWF</td>
<td>11:00-11:50 AM</td>
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<tr>
<td>SPAN 2302-H01</td>
<td>A Second Course in Spanish II</td>
<td>10947</td>
<td>Prof. J. McNutt</td>
<td>MWF</td>
<td>10:00-10:50 AM</td>
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<tr>
<td>THA 2301-H01</td>
<td>Introduction to Acting</td>
<td>37146</td>
<td>Prof. R. Nolen</td>
<td>TR</td>
<td>12:30-1:50 PM</td>
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</table>

**Prerequisite:** B- or better in SPAN 1502 or SPAN 1507.

This course emphasizes listening, reading, written and oral skills in order to develop students' communicative competence. In addition, this course will place significant stress on the development of students' intercultural competence through reading texts and written assignments. The development of all of these crucial skills is integrated in a highly interactive and fun environment in which students practice and improve their Spanish every day.

**Prerequisite:** B- or better in SPAN 2301.

This course emphasizes listening, reading, written and oral skills in order to develop students' communicative competence. In addition, this course will place significant stress on the development of students' intercultural competence through reading texts and written assignments. The development of all of these crucial skills is integrated in a highly interactive and fun environment in which students practice and improve their Spanish every day.

All people are performers. Every day we “present” a different side of ourselves to the various persons with whom we come in contact. We are all skilled at a kind of “deception” which allows us to transform our voices and our bodies as needed to get what we want. As children, we learn what works and what doesn’t work in our interactions with adults. These become ingrained in us. In this course, we remind ourselves what our different sides consist of, we learn strategies for acquiring our needs, we learn to relate to each other, to sympathize and even empathize with people different from ourselves. We become better citizens in a global society. In the study of acting we learn to be better sociologists, psychologists, public speakers, athletes, managers, anthropologists, parents, children, friends. In short, we learn much more about the human condition in order to reflect it to others.

**Catalog Year Prior to 2014:** This course fulfills 3 hours of the Core Curriculum Visual and Performing Arts Requirement. **Catalog Year 2014-2015 and Later:** This course fulfills 3 hours of the Core Curriculum Creative Arts Requirement.
HIST 4109-H01  United States and the Cold War  Prof. J. Hart  MWF 11:00-11:50 AM

HONS 3301-H02  Early Clinical Experience  Prof. L. Johnson  MW 1:00-1:50 PM, W 2:00-4:50 PM
HONS 3304-H02  History of West Texas Music  Prof. C. Peoples  TR 5:00-6:20 PM
HONS 3304-H04  Mystery Science Theatre 3000: Textual Poaching, Fandom, the Mash-Up, and the Culture of Riffing  Prof. R. Weiner  M 6:00-8:50 PM

HONS 4301-H03  Contracts Law  Prof. B. Shannon  MTWF 8:00-8:50 AM
HUM 2301-H01  Western Intellectual Tradition I  Prof. J. Brink  TR 8:00-9:20 AM
PFP 3301-H01  Introduction to Personal Finance  Prof. C. Browning  TR 9:30-10:50 AM

FALL 2016 HONORS SUMMITS

FULL/CLOSED courses are listed in red text.

HONS 4302-H01  World War II  Prof. A. Wong  MWF 2:00-2:50 PM
HONS 4302-H02  Bones, Botanicals, and Birds  Prof. S. Tomlinson  T 2:00-4:50 PM