

CLASS Department Catalog Changes (Graduate Council, Dec 8.)

Changes to Graduate Certificate in Scientific and Professional Communication

Grad Certificate Changes: **Total Credits for certificate -- 14**

--Required (6 credits)

- 1. COMM 575 or TC 505 (Students chose either academic science writing or popular science writing as the required, though they can take the other as an elective if they'd like).**
- 2. TC 511 (Persuasive)**

--Elective (6 credits). Students must chose 2 from among the following:

- 1. Comm 575/TC 505 (whichever was not used for the requirement)**
- 2. TC 561 (Data Viz.)**
- 3. ENGL 511 (Creative Writing)**
- 4. SPAN 520**
- 5. TC 521 (Prof Writing Work)**
- 6. TC 512 (Int'l Prof Comm)**
- 7. COMM 560 (Public Speaking)**

--Community Service/Internship (TC 500)

Classes to Add/Change

TC 500: Experiential Learning Project (2 cr.)

As a capstone project, students in the Graduate Certificate will develop an independent project that results in 40 hours of work. This requirement can assume the form of a TC-related project at the student's work or a community organization (e.g, a documentation project, a promotional video, a grant proposal and/or fundraising project, etc.)

TC 505: Science Writing (Just a slight change to the course description)

This course provides an overview of science writing genres designed to reach multiple audiences (e.g., specialists, policymakers, students, the public), with an emphasis on nonspecialist audiences. The course is useful both to students pursuing a career as a professional science or technical writer and to students in the sciences hoping to improve their communication skills. Course topics include, but are not limited to, popular science writing (e.g., writing for mainstream magazines and newspapers) and public information (e.g., press releases, websites, science blogs, informational videos). The course involves a service learning project providing students with opportunities for

publication.

Classes to Drop

ENGL 501

Communication, Liberal Arts, Social Sciences (CLASS)

Professors Dezimmer, D. Dunston, S. Dunston, Lara-Martínez, Prusin

Associate Professor Simpson (Chair)

Assistant Professor Dotson, Durão, Kramer-Simpson

Instructors Griffin, Currie, Kieffer, Rowe, Stewart-Langley

Adjunct Faculty Henneke, Kurtz, López, Price

Emeritus Professors Campbell, Corey, Deming, Olsen, Wilson, Yee

Degree Offered: B.S. in Technical Communication, B.G.S., A.G.S.

Minors Offered: Hispanic Studies, History, Literature, Philosophy, Technical Communication

The multidisciplinary Department of Communication, Liberal Arts, and Social Sciences develops students' ability to learn, reason, and communicate in diverse fields of study and areas of human experience. The CLASS Department's mission is threefold: to help students write well, think critically, and read widely; to provide an intellectual experience that increases students' awareness of human history, human cultures, and human values; and to encourage the lifelong study of human experience.

The Department provides virtually all courses in three of the five areas of the General Education Core Curriculum required by the New Mexico Higher Education Department for the comprehensive education of undergraduates enrolled in New Mexico state institutions of higher education.

These areas are:

Area 1 — Communications (College Writing and Public Speaking);

Area 4 — Social Sciences (Cultural Anthropology, Political Science, Social Science, Women's and Gender Studies);

Area 5 — Humanities/Liberal Arts (Art History, Communication, Creative Writing, Hispanic History, History, Languages, Literature, Media Studies, Music, Philosophy, Popular Culture, Technical Communication, Visual Art).

The Department offers three degrees: an industry-endorsed Bachelor of Science in Technical Communication, a Bachelor of General Studies, an Associate of General Studies, a graduate Certificate in Scientific and Professional Communication, and several minors, allowing students to enrich their studies at Tech to become successful professionals and knowledgeable members of society.

Degrees and Curricula:

Bachelor of Science in Technical Communication

The Technical Communication curriculum combines courses from three fields of study to prepare students for technical communication positions upon graduation:

- The TC courses introduce students to document design, graphics, and computer documentation, created online and for multimedia. The TC courses also develop students' writing, speaking, and editing abilities.
- The humanities and social science courses improve students' understanding and appreciation of history, literature, philosophy, psychology, and the arts.
- The science and technology courses provide students a background in one specific science or engineering discipline.

Minimum credit hours required — 132

In addition to the General Education Core Curriculum (page 7), the following courses are required:

- Technical Communication—35 credit hours of technical communication courses including TC 100 (1), 101 (1), 151 (3), 202 (3), 211 (3), 321 (3), 411 (3), 420 (3), 421 (3), 422 (3), and nine credit hours of technical communication electives. MGT 330 is an approved TC elective. All technical communication courses must be completed with grade C or better. Students may use these TC courses to fulfill Area 5 of the General Education Core Curriculum Requirements (page 7) with the exception of TC 321, TC 421, and TC 422.
- Humanities: 12 credit hours in excess of the General Education Core Curriculum Requirements and excluding TC courses.
- Foreign Language: Six credit hours of one language
- Science or Engineering: 12 credit hours in a single discipline in excess of general degree requirements
- Electives to complete 132 hours

Sample Curriculum for the Bachelor of Science in Technical Communication

Semester 1

| | |
|----------|----------------------------|
| 1 | TC 101 (orientation) |
| 3 | ENGL 111 (college English) |
| 4 | MATH 131 (calculus) |
| 4 | CHEM 121 & 121L (general) |
| <u>3</u> | Foreign Language |
| 15 | Total credit hours |

Semester 2

| | |
|----------|-------------------------------|
| 3 | TC 151 (visual communication) |
| 3 | ENGL 112 (college English) |
| 4 | MATH 132 (calculus) |
| 4 | CHEM 122 & 122L (general) |
| <u>3</u> | Foreign Language |
| 17 | Total credit hours |

Semester 3

| | |
|----------|------------------------------|
| 3 | TC 202 (elements of editing) |
| 5 | PHYS 121 & 121L (general) |
| 3 | Humanities |
| 3 | Social Science |
| <u>1</u> | Elective |
| 15 | Total credit hours |

Semester 4

| | |
|----------|---------------------------|
| 3 | TC 211 (media studies) |
| 5 | PHYS 122 & 122L (general) |
| 3 | Humanities |
| 3 | Social Science |
| <u>1</u> | Elective |
| 15 | Total credit hours |

Semester 5

| | |
|----------|------------------------------|
| 1 | TC 100 (community service) |
| 3 | ENGL 341 (technical writing) |
| 6 | Humanities |
| 3 | Humanities/Social Science |
| <u>3</u> | Science or Engineering |
| 16 | Total credit hours |

Semester 6

| | |
|----------|--|
| 3 | TC 421 (professional writing workshop) |
| 3 | Technical Communication Elective |
| 6 | Humanities |
| 3 | Social Science |
| <u>3</u> | Science or Engineering |
| 18 | Total credit hours |

Semester 7

| | |
|----------|-----------------------------|
| 3 | TC 321 (internship) |
| 3 | TC 411 (persuasive writing) |
| 3 | TC 420 (senior seminar) |
| 3 | TC Elective |
| <u>3</u> | Science or Engineering |
| 15 | Total credit hours |

Semester 8

| | |
|----------|----------------------------------|
| 3 | Technical Communication Elective |
| 3 | TC 422 (senior thesis) |
| 3 | Science or Engineering |
| <u>6</u> | Electives |
| 15 | Total credit hours |

Bachelor of General Studies

Minimum credit hours required — 130

This degree allows a student to plan a program of courses according to individual educational goals and career plans. The Bachelor of General Studies degree will be awarded after completion of 130 credit hours with a grade-point average of 2.0 or more. Other requirements for this degree include the following:

- Completion of the General Education Core Curriculum listed below.
- 42 credit hours in courses numbered 300 or above.
- Completion of the BGS Academic Career Plan with a stated Emphasis area or areas.
- Fulfillment of the Institution's residence credit requirement (30 credit hours).
- To be admitted into the program for this degree, the candidate must meet with the CLASS department chair and the BGS academic advisor, who will be assigned by the CLASS department chair, to create a BGS Academic Career Plan that will be on file with the Registrar. Any changes to the BGS Academic Career Plan must be approved by the CLASS department chair and the student's BGS academic advisor. These changes will be on file with the

Registrar and must be met, along with the above-stated requirements, before the degree will be awarded.

General Education Core Curriculum for the Bachelor of General Studies (BGS)

Area 1: Communications (9 credit hours)

- ENGL 111 — ENGL 111 is waived for students who scored 27 or higher on the ACT English Test or 610 or higher on the SAT Critical Reading Test. These students must take ENGL 112, ENGL 242 and ENGL 341 to fulfill the 9 credit hours in this area.
- ENGL 112
- COMM 242 or ENGL 341

Area 2: Mathematics (3 credit hours)

- MATH 101
- MATH 103
- MATH 104
- MATH 105
- MATH 131

Area 3: Laboratory Sciences (8 credit hours with associated labs)

- BIOL 111 & Lab
- BIOL 112 & Lab
- CHEM 109
- CHEM 121 & Lab
- CHEM 122 & Lab
- PHYS 121 & Lab
- PHYS 122 & Lab
- ES 110 & Lab
- ES 111 & Lab
- CSE 113
- Engineering with lab (ChE, CE, EE, ENVE, MATE, METE, ES, MENG, ME, PETR)

Area 4: Social Sciences (6 credit hours)

- Anthropology (ANTH)
- Economics (ECON)
- Political Science (PS)
- Psychology (PSY)
- Social Sciences (SS)

- Women's and Gender Studies (WGS)

Area 5: Humanities (6 credit hours)

- English (ENGL), except 103, 111, 112, 341. If ENGL 242 is used to fulfill credits in Area 1, it cannot also count in Area 5.
- Art History (ART)
- History (HIST)
- Humanities (HUMA)
- Music (MUS) except for performance ensembles
- Technical Communication (TC) except TC 321, 420, 422
- Foreign Languages (SPAN, FREN, GERM). Other languages may be counted only if they are listed or approved by the CLASS Department.

Area 6: Additional Courses from Area 4 or Area 5 (6 credit hours)

NOTE: Students who plan to pursue a career or graduate studies that require a Bachelor of Science degree are advised to pursue another degree program at New Mexico Tech.

Associate of General Studies

Minimum credit hours required — 65

A two-year certificate, Associate of General Studies, may be awarded after completion of 65 credit hours of course work approved by the CLASS department chair and the student's AGS academic advisor with a grade-point average of 2.0 or above. Fulfillment of the Institution's residence requirement (30 credit hours) must also be met.

- To be admitted into the program for this degree, the candidate must meet with the CLASS department chair and the AGS academic advisor, who will be assigned by the CLASS department chair, to create a AGS Academic Career Plan that will be on file with the Registrar.
- Any changes to the AGS Academic Career Plan must be approved by the CLASS department chair and the student's AGS academic advisor. These changes will be on file with the Registrar. The certificate will be awarded only after completion of the above requirements and completion of the AGS academic Career Plan and after petition to the Vice President for Academic Affairs.
- Completion of the General Education Core Curriculum listed below.

General Education Core Curriculum for the Associate of General Studies (AGS)

Area 1: Communications (9 credit hours)

- ENGL 111 — ENGL 111 is waived for students who scored 27 or higher on the ACT English Test or 610 or higher on the SAT Critical Reading Test. These students must take ENGL 112, ENGL 242 and ENGL 341 to fulfill the 9 credit hours in this area.
- ENGL 112
- COMM 242 or ENGL 341

Area 2: Mathematics (3 credit hours)

- MATH 101
- MATH 103
- MATH 104
- MATH 105
- MATH 131

Area 3: Laboratory Sciences (8 credit hours with associated labs)

- BIOL 111 & Lab
- BIOL 112 & Lab
- CHEM 109
- CHEM 121 & Lab
- CHEM 122 & Lab
- PHYS 121 & Lab
- PHYS 122 & Lab
- ES 110 & Lab
- ES 111 & Lab
- CSE 113
- Engineering with lab (ChE, CE, EE, ENVE, MATE, METE, ES, MENG, ME, PETR)

Area 4: Social Sciences (6 credit hours)

- Anthropology (ANTH)
- Economics (ECON)
- Political Science (PS)
- Psychology (PSY)
- Social Sciences (SS)
- Women's and Gender Studies (WGS)

Area 5: Humanities (6 credit hours)

- English (ENGL), except 103, 111, 112, 341. If ENGL 242 is used to fulfill credits in Area 1, it cannot also count in Area 5.
- Art History (ART)

- History (HIST)
- Humanities (HUMA)
- Music (MUS) except for performance ensembles
- Technical Communication (TC) except TC 321, 420, 422
- Foreign Languages (SPAN, FREN, GERM). Other languages may be counted only if they are listed or approved by the CLASS Department.

Area 6: Additional Courses from Area 4 or Area 5 (6 credit hours)

Graduate Certificate in Scientific and Professional Communication

Minimum credit hours required — ~~1418~~

The Scientific and Professional Communication Graduate Certificate offers graduate students and post-baccalaureate professionals an opportunity to build and strengthen their professional communication abilities for academic and professional work. The ~~1418~~ hours of coursework required for the Certificate ~~brings-provides~~ the student ~~from-with~~ a general foundation (~~ENGL 501 and TC 511~~ COMM 575 or TC 505, and TC 511), ~~to specific media of presentation (COMM 560)~~, while elective courses are available to students with specific interests; for example professionals who work in ~~the Americas~~ bilingual environments will benefit from SPAN 520, ~~engineers may be interested in a course specifically designed for Engineering Communication (COMM 570)~~. ~~The program also provides students with the opportunity to work on a project for work or for a non-profit organization as part of the coursework.~~ Requirements for this degree include the following:

- ~~ENGL 501 (3), TC 505 (3), TC 511 (3), COMM 560 (3)~~ COMM 575 or TC 505 (3), TC 511 (3)
- Six credits from the following: ENGL 511 (3), COMM 560 (3), COMM 570 (3), COMM 575 (3), PHIL 521 (3), SPAN 520 (3), TC 505 (3), TC 512 (3), TC 521 (3), TC 561 (3), TC 589(3)
- A two credit Experiential Learning Course (TC 500) in which students complete a TC-related project for work (e.g., a documentation project or a publicity video) or for a local organization (e.g., grant-writing and fund-raising for a homeless shelter).

Students must be concurrently enrolled in a graduate degree program at NMT or meet the admissions criteria to enroll in a graduate degree program (including as special graduate students).

Minors

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The CLASS Department offers several minors to explore a field of study in more detail.

All Minors

- *Minimum credit hours required—18*
- *Restriction: If a student takes more than one minor in the CLASS Department, only six (6) credit hours of one minor may be applied towards another minor.*
- *Additional requirements as listed under each minor.*

Minor in Hispanic Studies

The following courses are required:

- One of the following sequences (6)
 - SPAN 113 and 114, Elementary Spanish I and II
 - SPAN 113N and 114N, Spanish for Native Speakers
- An additional 12 credit hours in any topic relevant to Hispanic Studies with the consent of the minor advisor

Minor in History

The following courses are required:

- A 100-level history course sequence (6)
- Twelve (12) additional credit hours in history courses. Of these 12 credit hours, six (6) credit hours may be taken in art history or music surveys
- Students taking the history minor are strongly encouraged to take the 12 additional credit hours from as wide a variety of topics as possible.

Minor in Literature

The following courses are required:

- 18 credit hours in ENGL literature courses

Minor in Philosophy

The following courses are required:

- PHIL 231, Comparative Introduction to Western Philosophy
- Fifteen (15) additional credit hours in philosophy courses.
- With the consent of the minor advisor, of these 15 credit hours, six (6) credit hours may be taken in upper-division courses that have a substantial philosophical focus and content.

Minor in Technical Communication

The following courses are required:

- TC 151 (3)

- TC 202 (3)
- TC 211 (3)
- Nine (9) additional credit hours of TC courses

General Education Core Curriculum Information

The courses offered through the CLASS Department fulfill four areas (Area 1, 4, 5, and 6) required for the Bachelor of Science. Additional Social Sciences are offered through the Psychology Department (PSY courses) and the Management Department (ECON courses).

Anthropology Courses:

The following courses may be used to fulfill Area 4: Social Sciences of the General Education Core Curriculum (page 7).

ANTH 101, Introduction to Cultural Anthropology, 3 cr, 3 cl hr

An introduction to the science of cultural Anthropology, its terminology, theory practice and subject matter. Students are encouraged to engage with other cultures to find similarities and connections, not differences and separation. Studies human beings, their social and cultural institutions, beliefs, and practices around the world and next door, creating a medley of adaptations to common problems.

ANTH 370, Nahuatl Mythology & Anthropology, 3 cr, 3 cl hr

A study of Native language, literature, and mythology of Central America. The class explores a specific native literature in its own language and discusses an "American" worldview. Topics include the concept of a fragmented self and of multiple souls, of political community and redistribution, a quincesimal (5) and vigesimal (20) system of counting, sexuality, and the foundation of a Native philosophy. (Same as SPAN 370)

Art History Courses:

The following courses may be used to fulfill Area 5: Humanities of the General Education Core Curriculum (page 7).

ART 272, Art History, 3 cr, 3 cl hrs

Survey of art of the western hemisphere from prehistory to the 21st century. May incorporate an interdisciplinary approach. [NMCCNS ARTS 2113: General Education Area V]

ART 372, Issues in Art History, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or consent of instructor

Issues, topics, or specific periods in the visual arts. May incorporate an interdisciplinary approach. Topics may include, among others, Visual and Other Arts; Modern Art; Art and Science; Literature inspired by Art; Modern Art, Sci Fi, and Film.

Communication Courses:

The following courses may be used to fulfill Area 5: Humanities of the General Education Core Curriculum (page 7).

COMM 242, Public Speaking, 3 cr, 3 cl hrs

A study of the principles of speech; practice in the preparation and delivery of various types of speeches, classified according to function; practice in the basic skills of oral communication; the development of poise and self-confidence. [NMCCNS COMM 1113: General Education Area I]

COMM 360, Advanced Public Speaking, 3 cr, 3 cl hrs

Prerequisites: COMM 242 or consent of instructor

Theory and practice of ethical and professional speech communication. Researching, writing and presenting professional presentations. Designing and using effective visuals, including posters and electronic presentation aids. Conducting group presentations and discussions about ethical and cross-curriculum issues in historical, cultural and workplace context.

COMM 560, Professional Public Speaking, 3 cr, 3 cl hrs

Prerequisites: Consent of instructor

Theory and practice of ethical and professional speech communication. Research, writing and presenting professional presentations. Designing and using effective visuals, including posters and electronic presentation aids. Conducting group presentations and discussions about ethical and cross-curriculum issues in historical, cultural and workplace context. Design, schedule and present a formal research colloquium.

COMM 570, Communication in Engineering, 3 cr, 3 cl hrs

Prerequisites: Graduate Enrollment in Engineering

Advanced communication/writing courses linked to engineering disciplines, focusing on graduate and professional genres (e.g., conference abstracts, journal articles, and conference presentations). Emphasis on communicating technical information to a variety of audiences.

COMM 575, Communication in the Sciences 3 cr, 3 cl hrs

Prerequisites: Graduate Enrollment in Sciences

Advanced communication/writing courses linked to science disciplines, focusing on graduate and professional genres (e.g., conference abstracts, journal articles, and conference presentations). Emphasis on communicating technical information to a variety of audiences.

COMM 580, Thesis & Dissertation Boot Camp 1 cr Boot Camp is a weeklong, intensive course on thesis-writing. Students receive short workshops on time-management and project planning, strategies for overcoming writer's block, peer review, and graduate school thesis requirements (e.g., formatting, copyright, etc.). Additionally, students spend 5-6 hours a day in a distraction-free writing environment and have opportunities for feedback from the instructor or available writing consultants.

English Courses:

The following courses (except ENGL 103, 105, 111, 112, 305, 315, 341) may be used to fulfill Area 5: Humanities of the General Education Core Curriculum (page 7).

Writing Program Courses:

ENGL 103, Pre-College English, 3 cr, 3 cl hrs

The basics of writing: sentence types, structure, and construction; topic sentences, paragraph development and coherence; the complete essay; grammar, usage, and punctuation. Prepares students for ENGL 111. *(Does not fulfill the English portion of the General Education Core Curriculum, page 7.)*

ENGL 105, Introductory Academic Communication, 1 cr, 1 cl hr

The course introduces students to the general culture of a US university and provides opportunities to discuss language-related issues in their coursework (e.g., understanding lectures, communicating with professors and TAs, etc.). Students are also introduced to strategies for drafting and editing academic writing and for preparing and giving academic presentations.

ENGL 111, College Writing: Exposition, 3 cr, 3 cl hrs

The essentials of academic prose; techniques and mechanics of writing well; rhetorical strategies. [NMCCNS ENGL 1113: General Education Area I]

ENGL 112, College Writing: Argument and Analysis, 3 cr, 3 cl hrs

Prerequisite: ENGL 111 or equivalent course passed with a C or better

A continuation of ENGL 111 with critical reading and writing; writing arguments; library research paper. [NMCCNS ENGL 1123: General Education Area I]

ENGL 305, Communication for Multilingual Students, 1 cr, 1 cl hr

Prerequisite: At least junior standing or consent of instructor

Students work on reading and responding to academic texts in English; crafting and expressing an original argument on an academic topic; and correctly summarizing, paraphrasing, and citing academic texts. Students will write and present on topics in their fields of study, provide constructive feedback on each other's work, and practice articulating and answering questions on academic topics.

ENGL 315, Academic and Scientific Communication for Multilingual Students, 3 cr, 3 cl hrs

Prerequisite: At least junior standing

This course offers a more advanced introduction to language issues in writing for scientific and technical fields. Students in this class explore language use and academic genres in their fields of study and complete an extended research project on a technical topic. The course culminates in a technical research report and conference-style presentation.

ENGL 341, Technical Writing, 3 cr, 3 cl hrs

Prerequisites: ENGL 111 and 112 or the equivalent passed with a grade C or better and at least junior standing

This course emphasizes clear, accurate, and precise communication and scientific and technical information to a variety of audiences, for a variety of purposes. Students will be taught how to effectively analyze the components of writing situations and appropriately conduct research, write content in a professional, yet accessible style, incorporate visuals, organize and format documents. The course culminates with a substantial technical research report and oral presentation. In addition, students work on writing documents including memos, proposals, short reports, and instructions.

ENGL 501, Graduate Writing Seminar, 3 cr, 3 cl hrs

Prerequisite: Proficiency in written and spoken English, Graduate standing or consent of instructor

Intensive practice in academic writing for graduate students. Focuses on writing and revision. Reviews the history and development of science writing and surveys the professional environments in which scientists are expected to publish. Students should come with a draft of a substantial piece of work—such as an article, chapter, or grant proposal.

ENGL 511, Graduate Creative Writing, 3 cr, 3 cl hrs

Prerequisite: Consent of instructor

Professional-level writing in fiction, poetry, creative non-fiction or plays. Focuses on the genre of the student's choice. Students write often, revise

frequently, learn and apply methods of Creative Writing instruction.

Literature Courses:

ENGL 120, Introduction to Literature, 3 cr, 3 cl hrs

Survey of major works of poetry, short fiction, and drama in English and in translation. [NMCCNS ENGL 1013: General Education Area V]

ENGL 311, Creative Writing, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or consent of instructor

The study and writing of one genre or a combination of the following genres: poetry, fiction, creative nonfiction, playwriting and screenwriting. Emphasis on reading and analyzing literature.

ENGL 312, Short Fiction, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or consent of instructor

Concentrated study of major works of short fiction written in English and in translation.

ENGL 321, American Literature, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or consent of instructor

An historical survey of 17th, 18th, and 19th century writing, covering the Colonial, Enlightenment, and Romantic periods. Among the authors studied are Anne Bradstreet, Benjamin Franklin, Edgar Allan Poe, Nathaniel Hawthorne, and Emily Dickinson. [NMCCNS ENGL 2513: General Education Area V]

ENGL 322, American Literature, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or consent of instructor

An historical survey of 19th and 20th century writing, covering Realism and Naturalism and the Modern period. Among the authors studied are Mark Twain, Willa Cather, Robert Frost, Eugene O'Neill, Ernest Hemingway, William Faulkner, Katherine Anne Porter, and James Baldwin. [NMCCNS ENGL 2523: General Education Area V]

ENGL 323, American Nature Writing, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or consent of instructor

Survey of American nature Writers, such as Lewis and Clark, Thoreau, Edward Abbey, and Leslie Marmon Silko, with literary and philosophical analysis of their observational, documentary, rhetorical, inter-disciplinary, and self-reflective strategies to develop students' own skills in these areas and to produce their own nature writing. (Same as PHIL 323)

ENGL 324, Ecotopia: The Intersection of Science and Literature, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or consent of instructor

Utopian Literature, whether Paradise myths or novels set on an idyllic island or in the future, chronicles human aspirations for a better society. Ecotopia—a neologism coined in 1968—combines utopian desires for better relationships between humans with more recent desires and need for a better relationship with the environment. The course provides a review of utopian literature throughout history and focuses on contemporary science fiction novels and developments in architecture, technology, science, and alternative social structures. Shares lecture with ENGL 524, with additional expectations for graduate credit.

ENGL 325, World Literature, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or consent of instructor

Literature of the West from the Classics through the Renaissance.
[NMCCNS ENGL 2613: General Education Area V]

ENGL 326, World Literature, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or consent of instructor

Literature of the West from Neoclassicism to Contemporary. [NMCCNS ENGL 2623: General Education Area V]

ENGL 331, British Literature, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or consent of instructor

A survey of British literature from its origin through the Age of Enlightenment. Major authors studied include the Beowulf poet, Chaucer, Shakespeare, and Milton. [NMCCNS ENGL 2413: General Education Area V]

ENGL 332, British Literature, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or consent of instructor

A continuation of ENGL 331, this course surveys British literature of the nineteenth and twentieth centuries. Emphasis is upon the major literary movements of Romanticism and Realism. [NMCCNS ENGL 2423: General Education Area V]

ENGL 352, Contemporary Latin American Novel, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or equivalent

Survey of the 20th century Latin American regional novel. How contemporary writers have portrayed the Latin American continent: social-realism, surrealism, the boom, neo-baroque, magical realism, mestizaje, social-protest, negrismo, etc. Focus on reading classical works such as Arguedas, Asturias, Castellanos, Fuentes, Roa Bastos, Rulfo. (Same as Spanish 352)

ENGL 355, Latin American Fiction & the Arts, 3 cr, 3 cl hrs

A historical journey of a multi-cultural continent. Politics, economic disparity, military dictatorship, oppression and revolutionary resistance are studied through the lens of arts and literature. The most varied styles—social-realism, surrealism, fantasy, magical-realism, etc.—complement factual history to offer an accurate picture of a cruel social reality. (Same as SPAN 355)

ENGL 357, Latin American Literature, 3 cr, 3 cl hrs

A review of Latin American literary production with examples of its cultural and artistic diversity. The class examines the most important writers from Mexico, the Caribbean, Central America, the Andean region and the Southern cone, and relates their poetic legacy to the social sciences and philosophy. (Same as SPAN 357)

ENGL 431, Literary Genres, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or consent of instructor

The study of a particular type of literature, its origins, characteristics, subtypes, and some of its major writers and works. Possible genres are poetry, drama, short stories, science fiction, novels, and nonfiction writing. May be repeated for credit with different genres.

ENGL 435, Major Writers, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or consent of instructor

Intensive study of the writing of a major world author or authors, such as Willa Cather, Nathaniel Hawthorne, Herman Melville, William Shakespeare, Mark Twain. May be repeated for credit with different writers.

ENGL 436, Issues and Themes in Literature, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or consent of instructor

Concentrated study of issues, ideas, and themes as they affect or are embodied in literature. Possible topics include, among others, Environment, Gender, Ethnicity, Travel, and Place. May be repeated for credit with different issues.

ENGL 440, Philosophical Novels, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 and one PHIL course

Exploration of the use and articulation of philosophy in novels. (Same as Phil 440)

ENGL 491, Directed Studies, hrs and cr to be arranged

Prerequisite: ENGL 112 or consent of instructor

ENGL 511, Graduate Creative Writing, 3 cr, 3 cl hrs

Prerequisite: Consent of instructor

Professional-level writing in fiction, poetry, creative non-fiction or plays.

Focuses on the genre of the student's choice. Students write often, revise frequently, learn and apply methods of Creative Writing instruction.

ENGL 524, Ecotopia: The Intersection of Science and Literature, 3 cr, 3 cl hrs

Prerequisite: Graduate Standing or consent of instructor

Utopian Literature, whether Paradise myths or novels set on an idyllic island or in the future, chronicles human aspirations for a better society. Ecotopia—a neologism coined in 1968—combines utopian desires for better relationships between humans with more recent desires and need for a better relationship with the environment. The course provides a review of utopian literature throughout history and focuses on contemporary science fiction novels and developments in architecture, technology, science, and alternative social structures. Shares lecture with ENGL 324, with additional expectations for graduate credit.

French Courses:

The following courses may be used to fulfill Area 5: Humanities of the General Education Core Curriculum (page 7).

FREN 113, Elementary French I, 3 cr, 3 cl hrs

Elements of French, with particular emphasis on pronunciation, through conversational materials. Stress is placed on the fundamentals of French grammar, spelling, and written expression. Supplementary readings reinforce comprehension and give additional sources for spontaneous oral expression in class discussion. [NMCCNS FREN 1113: General Education Area V]

FREN 114, Elementary French II, 3 cr, 3 cl hrs

Prerequisite: FREN 113 or equivalent

Continuation of FREN 113. [NMCCNS FREN 1123: General Education Area V]

FREN 215, Intermediate French I, 3 cr, 3 cl hrs

Prerequisite: FREN 114 or equivalent

Introduction to literary passages of easy comprehension. Translation and practice of composition, with emphasis on oral performance in class. Review of grammar through exercises.

FREN 216, Intermediate French II, 3 cr, 3 cl hrs

Prerequisite: FREN 215 or equivalent

Continuation of FREN 215.

German Courses:

The following courses may be used to fulfill Area 5: Humanities of the General Education Core Curriculum (page 7).

GERM 113, Elementary German I, 3 cr, 3 cl hrs

Elements of German, with emphasis on the spoken language. Grammar and composition are introduced in connection with the subjects of oral practice.

GERM 114, Elementary German II, 3 cr, 3 cl hrs

Prerequisite: GERM 113 or equivalent

Continuation of GERM 113.

History Courses:

The following courses may be used to fulfill Area 5: Humanities of the General Education Core Curriculum (page 7).

HIST 131, Western Civilization I 5000BC—1500 AD, 3 cr, 3 cl hrs

Examines pivotal events in the history of the western world (primarily the European continent) from the early civilizations to the Renaissance. Explores the political, socio-economic, and cultural developments in the Fertile Crescent, ancient Greece and Rome, and medieval Europe. The course is organized in chronological and topical units, each within the framework of political geography, economy, religion, and culture.

HIST 132, Western Civilization II, 1500 AD—present, 3 cr, 3 cl hrs

Examines the political, social, economic, and cultural developments from the Reformation to the European Union. Explores the watersheds in European history that continue to shape modern politics and societies.

HIST 141, American History to 1865, 3 cr, 3 cl hrs

A survey of American history from pre-contact North America to the end of the Civil War. The social, cultural, intellectual, and political history of the American people. [NMCCNS HIST 1113: General Education Area V]

HIST 142, American History since 1865, 3 cr, 3 cl hrs

A continuation of HIST 141, with attention given to the rise of the United States as a world power, urbanization and industrialization, the role of the state, and civil rights movements. [NMCCNS HIST 1123: General Education Area V]

HIST 151, World History I, 3 cr, 3 cl hrs

The evolution of the major Eurasian civilizations from the beginning of

historical times to the beginning of the 16th century, with special reference to social, political, and cultural developments.

HIST 152, World History II, 3 cr, 3 cl hrs

A continuation of HIST 151, emphasizing social, political, and cultural developments in Eurasian civilization from 1500 to the present.

HIST 161, Europe in the 19th Century, 1815-1914, 3 cr, 3 cl hrs

An introduction to the major developments and themes in nineteenth century European history, including major international developments such as the Congress System, the Revolutions of 1848, the advance of modern ideologies and major trends in arts and sciences, and the causes of World War I.

HIST 162, Europe in the 20th Century, 1914-2000, 3 cr, 3 cl hrs

Explores the great watersheds of the last century in Europe, from World War I to the fall of the USSR and the rise of the European Union. Several case-studies help students understand the legacy of the 20th century and the problems we face today.

HIST 3xx: Crime & Society, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or consent of instructor

The course explores political, socio-economic, and cultural impacts of crime on societies. Through reading, class discussions, and films the students will compare and contrast the impact of crime on the state, its institutions, and its people in America and Europe. The key topics will reveal the role of crime in public life, the methods and integrity of law enforcement agencies, the punishment of criminals, and public perception of justice.

History 3XX: Revolutions in World History 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or consent of instructor

The course examines the political, economic, social, and psychological impact of the major revolutionary movements between the 17th century and today. Students will study the causes of revolutions, the ideologies that inspired the revolutionaries, and revolutionary methods of state creation and state control, and evaluate how revolutions shape contemporary politics.

History 3XX: Ancient and Medieval Foundations of Modern Science and Technology 3 cr, 3 cl hrs.

Prerequisite: ENGL 112 or consent of instructor

This course discusses the history of science and technology up to the Scientific Revolution. It offers an overview of historical evolution of fundamental scientific concepts and technological developments in Western and non-Western cultures from prehistory to the seventeenth century.

HIST 345, The Rise and Fall of the Soviet Union, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or consent of instructor

The Bolshevik Revolution, the development of Stalinist totalitarianism, reform under Khrushchev, the “stagnation” era of Brezhnev, and the end of the “great experiment” with Gorbachev.

HIST 348, War and Society, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or consent of instructor

The political, economic, social, and ideological implications of warfare.

HIST 376, Mass Violence through the Ages, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or consent of instructor

This course examines the nature and dynamics of mass violence and aggression, and their impact on politics and societies. Through lectures and readings, students explore and compare political, sociological and psychological dimensions of genocides, state terror, and ethnic cleansing.

HIST 385, Latin American Cultural History, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or consent of instructor

Overview of the cultural history of the Iberian world on both sides of the Atlantic from the earliest cultural expression to the current Hispanic presence in the United States. Multicultural creations of Hispanic societies. Cultural productions, i.e., fiestas, toreo, music, painting, literature, graffiti—in their political, economic, and historical background. (Same as SPAN 385)

HIST 386, Introduction to The Middle East, 3 cr, 3 cl hrs

Prerequisite: At least one 100-level history course or equivalent; ENGL 112

The course is a general introduction to the history of the area known as the Fertile Crescent, with a focus on the political, ethnic, religious, and socio-economic policies of the principal states of the region.

HIST 387, Eastern Europe in The 20th Century, 3 cr, 3 cl hrs

Prerequisite: At least one 100-level history course or equivalent; ENGL 112

The course explores major political, socio-economic, and cultural developments in the “Lands Between” - the Baltic States, Poland, Hungary, Czechoslovakia, Romania, Bulgaria, Yugoslavia, and Albania—with particular attention to politics, economics, and culture.

HIST 421, The Age of Radical Ideologies, 3 cr, 3 cl hrs

Prerequisites: ENGL 112 or consent of instructor

The theory and practice of nationalism, anarchism, communism, and fascism in the 19th and 20th centuries.

HIST 448, The Cold War, 3 cr, 3 cl hrs

Prerequisites: ENGL 112 or consent of instructor

Senior-level seminar examining the history of the Cold War.

HIST 466, Historical Fiction, 3 cr, 3 cl hrs

Prerequisites: ENGL 112 or consent of instructor

This seminar explores the genre of historical fiction, examining several historical fiction novels and shorter works.

HIST 467, Film Genres, 3 cr, 3 cl hrs

Prerequisites: ENGL 112 or consent of instructor

Writing intensive senior-level seminar. Examines a selected film genre (e.g. film noir, westerns, science fiction) in depth.

HIST 472, Special Topics, 3 cr, 3 cl hrs

HIST 491, Directed Studies, hrs and cr to be arranged

Prerequisite: Senior standing or consent of instructor

Humanities Courses:

The following course may be used to fulfill Area 5: Humanities of the General Education Core Curriculum (page 7).

HUMA 301, Practical Creativity, 3 cr, 3 cl hrs

Prerequisites: ENGL 112 or consent of instructor.

May be applied by philosophy minors toward the requirement for 18 credit hours in philosophy.

An investigation of factors impacting creativity (discipline, time-pressure, constraints), conceptions of creativity (play, inspiration, complex adaptive systems), and applications of creativity (problem solving, negotiation, art).

HUMA 311, Shakespeare and Music, 3 cr, 3 cl hrs

Prerequisites: ENGL 112 or consent of instructor.

An interdisciplinary study of selected works of Shakespeare through a musical lens. Shakespeare's plays were written to be spoken and heard, and this course explores the parallel issues of choice and constraint in the acts of speaking and hearing Shakespeare's words, applying tools commonly used to facilitate the performance and reception of music.

Music & Music Performance Courses:

The following courses may be used to fulfill Area 5: Humanities of the General Education Core Curriculum (page 7).

MUS 105, Fundamentals of Music, 3 cr, 3 cl hrs

An introduction to the basic materials of music: tones, rhythm, notation, singing, and composition. [NMCCNS MUSI 1113: General Education Area V]

MUS 110, Music Appreciation, 3 cr, 3 cl hrs

A listening-intensive study of rhythm, melody, and musical structure in Western and other music from antiquity to the present. [NMCCNS MUSI 1113: General Education V]

MUS 201, Comprehensive Musicianship I, 3 cr, 3 cl hrs, 1 lab hr

Prerequisite: MUS 105 or consent of instructor

A detailed study of notation, keys, scales, intervals, chords, clefs, and transpositions. Practical application to keyboard, instruments, and voice.

MUS 301, Composition, 3 cr, 3 cl hrs

Prerequisite: ENGL 112

An introduction to the structural principles of music composition. Students will use software tools to study patterns in existing compositions and then create several computer-based compositions within specific design constraints. Final project compositions will be presented in public performance. Prior music background not required.

MUS 311, Opera, 3 cr, 3 cl hrs

Prerequisite: MUS 105, or consent of instructor

A musical and socio-historical exploration of selected great operatic works.

Music Performance Courses:

These courses are "offered on demand," i.e. when a sufficient number of students want to enroll, and they may be taken for elective credit only. These courses can be repeated for credit as determined by the instructor. These courses may NOT be used to fulfill Area 5: Humanities of the General Education Core Curriculum (page 7).

MUS 171, 172, Beginning Group Voice, 1 cr, 2 cl hrs

Basic techniques of correct singing.

MUS 273, 274, Intermediate Group Voice, 1 cr, 1 cl hr

Prerequisite: MUS 171, 172, or consent of instructor

Development of personal vocal technique, musicianship, diction.

MUS 331–332, Chamber Choir, 1 cr, 2 cl hrs

Prerequisite: Consent of instructor

MUS 333–334, Concert Chorus, 1 cr, 2 cl hrs

The Concert Chorus performs large-scale choral works independently and together with the Chamber Orchestra. Interested students without prior singing experience are encouraged to participate.

MUS 341–342, Jazz Ensemble, 1 cr, 2 cl hrs

Prerequisite: Consent of instructor

MUS 351–352, Chamber Orchestra, 1 cr, 2 cl hrs

Prerequisite: Consent of instructor

MUS 361–362, Chamber Music, 1 cr, 1 cl hr

Prerequisite: Consent of instructor

MUS 377, 378, Vocal Performance, 1 cr, 1 cl hr

Prerequisite: MUS 273, 274, or consent of instructor

Practical and theoretical aspects of solo vocal performance.

Philosophy Courses:

The following courses may be used to fulfill Area 5: Humanities of the General Education Core Curriculum (page 7).

PHIL 120, Introduction to Philosophy, 3 cr, 3 cl hrs

An exploration of major issues and approaches in the history and practice of philosophy, including questions of value, knowledge, reality, and problems that arise in social and political philosophy. A fundamental aim of the course is to improve skills in critical thinking, problem-solving, and evaluating.

PHIL 231, Western Philosophy, 3 cr, 3 cl hrs

Introduction to Western philosophical methods, metaphysics, epistemology, ethics, and major philosophers in comparison to one major Asian philosophy text such as the Tao Te Ching. [NMCCNS PHIL 1113: General Education Area V]

PHIL 323, American Nature Writing, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or consent of instructor

A survey of American nature Writers, such as Lewis and Clark, Thoreau, Edward Abbey, and Leslie Marmon Silko, with literary and philosophical analysis of their observational, documentary, rhetorical, inter-disciplinary, and self-reflective strategies to develop students' own skills in these areas and to produce their own nature writing. (Same as ENGL 323)

PHIL 300, Philosophy of Science, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or consent of instructor

An introduction to the philosophical bases and problems of the formal and empirical sciences. Includes the nature of scientific methods, problems and paradoxes of induction, logic of explanation, concepts of causality, determinism and probability, measurement theory, and special philosophical issues in physical, biological, and behavioral sciences.

PHIL 315, Philosophy of Digital Communication, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or consent of instructor

A philosophical and historical overview of the shift to digital modes of communication; explores the impact of this digital shift on culture, identity, communication, education, art, medicine, ethics, community, and the production of knowledge. (Same as TC 315.)

PHIL 321, Professional Ethics, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or consent of instructor

Ethical theories and their applications in business, research, and engineering.

PHIL 342, Philosophy of Bioethics, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or consent of instructor

Exploration of ethical issues embedded in medicine and related activities; focuses on broad areas including: the physician/patient relationship, the media's influence on medicine, the role of the pharmaceutical industry, gene therapy, cloning and stem cell research, organ transplantation, human and animal research, reproductive technologies, and the global allocation of resources.

PHIL 351, World Religions, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or consent of instructor

Survey of the theologies of Christianity, Judaism, Islam, Hinduism, Buddhism, and other religions. [NMCCNS PHIL 1113: General Education Area V]

PHIL 352, Asian Philosophy, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or consent of instructor

Survey of the philosophical traditions of China (Confucianism and Taoism), India (Hinduism and Islam), and Japan (Buddhism).

PHIL 421, Periods or Figures in Philosophy, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or consent of instructor

Study of a single philosopher's work or a philosophical school.

PHIL 440, Philosophical Novels, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 and one PHIL course

Exploration of the use and articulation of philosophy in novels. (Same as ENGL 440)

PHIL 451, American Philosophy, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or consent of instructor

Survey of American philosophy, including pragmatism from its roots in American Romantic writers such as Emerson to contemporary figures such as Richard Rorty and Stanley Fish, nature philosophers such as Thoreau and Ed Abbey, feminist philosophy, and Native-American philosophy.

PHIL 521, Professional Ethics, 3 cr, 3 cl hrs

Introduce students to the concepts, theory, and practice of ethics and effective written and oral communications. Study cases and apply classical moral theory to decisions encountered in professional careers.

Political Science Courses:

The following courses may be used to fulfill Area 4: Social Sciences of the General Education Core Curriculum (page 7).

PS 151, Introduction to Political Science, 3 cr, 3 cl hrs

An introduction to political ideas, events and institutions. Explores the relationships between politics and society; examines the interdependence of citizenship and community life; investigates the complex interaction between values, issues and political behavior.

PS 171, American Government, 3 cr, 3 cl hrs

An examination of American democracy as a creative, evolving, and fluid process; how citizens and political institutions interact to create power, establish rights, and pursue interests. [NMCCNS GOVT 1113: General Education Area IV]

PS 361, Issues in International Relations, 3 cr, 3 cl hrs

Considers current international issues in light of the transforming structure of world politics; examines the changing status of America as a world power; and investigates the roles of culture, economic power, and technology in the process of global change.

PS 370, Public Policymaking, 3 cr, 3 cl hrs

An analytical examination of the policymaking process within the American political system, with special attention to who is involved in the process, how decisions are made, and what the consequences are of alternative

policy choices.

Social Science Courses:

The following courses may be used to fulfill Area 4: Social Sciences of the General Education Core Curriculum (page 7).

SS 120, Social Thought, 3 cr, 3 cl hrs

From Machiavelli and Marx to Steinem and Foucault, this course explores some of the major historical and contemporary theoretical works and authors in selected social sciences. The focus is on the cultural framework in which these thoughts emerged and the impact they had on society. (Same and ANTH 120 and WGS 120)

SS 301, Interdisciplinary Problem Solving, 3 cr, 3 cl hrs

Prerequisites: ENGL 112 or consent of instructor

An introduction to the Theory of Inventive Problem Solving (TRIZ), including techniques for problem definition, functional modeling, and concept generation. Emphasis on qualitative, interdisciplinary approaches to technical problems.

SS 501, Creative Problem Solving, 3 cr, 3 cl hrs

Prerequisites: Graduate Standing or consent of instructor

Techniques for defining problems and generating solution concepts, using Theory of Inventive Problem Solving (TRIZ) methods and incorporating additional tools that provide clarity and flexibility when approaching challenges creatively. Emphasis on qualitative, interdisciplinary approaches to technical problems. Application of these methods to graduate students' own- and peers'-design and/or experimental problems.

Spanish Courses:

The following courses may be used to fulfill Area 5: Humanities of the General Education Core Curriculum (page 7).

SPAN 113, Elementary Spanish I, 3 cr, 3 cl hrs

Elements of Spanish, with emphasis on the spoken language. Grammar and writing are introduced in connection with the subjects of oral practice. [NMCCNS SPAN 1113: General Education Area V]

SPAN 113N, Spanish for Native Speakers, 3 cr, 3 cl hrs

Elements of Spanish, with emphasis on the spoken and written language. Grammar and writing are introduced in connection with the subjects of oral

practice.

SPAN 114, Elementary Spanish II, 3 cr, 3 cl hrs

Prerequisite: SPAN 113 or equivalent

Continuation of SPAN 113. [NMCCNS SPAN 1123: General Education Area V]

SPAN 215, Intermediate Spanish I, 3 cr, 3 cl hrs

Prerequisite: SPAN 114 or equivalent

Expansion of vocabulary through conversation. Stress is placed on the correction of vocabulary and speech for native speakers. Extensive readings from literary models provide materials for emphasis on the principles of composition. Review of grammar.

SPAN 216, Intermediate Spanish II, 3 cr, 3 cl hrs

Prerequisite: SPAN 215 or equivalent

Continuation of SPAN 215; readings in Spanish literature.

SPAN 352, Contemporary Latin American Novel, 3 cr, 3 cl hrs

Prerequisite: SPAN 215 or equivalent

Survey of the 20th century Latin American regional novel. How contemporary writers have portrayed the Latin American continent: social-realism, surrealism, the boom, neo-baroque, magical realism, mestizaje, social-protest, negrismo, etc. Focus on reading classical works such as Arguedas, Asturias, Castellanos, Fuentes, Roa Bastos, Rulfo. All readings and reports to be in Spanish. (Same as ENGL 352)

SPAN 355, Latin American Fiction & the Arts, 3 cr, 3 cl hrs

A historical journey of a multi-cultural continent. Politics, economic disparity, military dictatorship, oppression and revolutionary resistance are studied through the lens of arts and literature. The most varied styles—social-realism, surrealism, fantasy, magical-realism, etc.—complement factual history to offer an accurate picture of a cruel social reality. (Same as ENGL 355)

SPAN 357, Latin American Literature, 3 cr, 3 cl hrs

A review of Latin American literary production with examples of its cultural and artistic diversity. The class examines the most important writers from Mexico, the Caribbean, Central America, the Andean region and the Southern cone, and relates their poetic legacy to the social sciences and philosophy. (Same as ENGL 357)

SPAN 370, Nahuatl Mythology & Anthropology, 3 cr, 3 cl hr

A study of Native language, literature, and mythology of Central America. The class explores a specific native literature in its own language

and discusses an “American” worldview. Topics include the concept of a fragmented self and of multiple souls, of political community and redistribution, a quintesimal (5) and vigesimal (20) system of counting, sexuality, and the foundation of a Native philosophy. (Same as ANTH 370)

SPAN 385, Latin American Cultural History, 3 cr, 3 cl hrs

Prerequisite: SPAN 215 or equivalent

Overview of the cultural history of the Iberian world on both sides of the Atlantic from the earliest cultural expression to the current Hispanic presence in the United States. Multicultural creations of Hispanic societies. Cultural productions, i.e., fiestas, toreo, music, painting, literature, graffiti—in their political, economic, and historical background. All readings and reports to be in Spanish. (Same as HIST 385)

SPAN 520, Advanced Spanish Reading & Comprehension, 1 cr, 1 cl hr

Creative writing in Spanish. The class explores the poetic and musical legacy of the Spanish speaking countries, and writes poems, short stories, or a small literary piece in Spanish.

Technical Communication Courses:

TC 100, Community Service, 1 cr, 1 cl hr

Proposing and then reporting in writing on a semester-long community service activity with any nonprofit organization. To be graded S/U. May be repeated for credit.

TC 101, Orientation to Technical Communication, 1 cr, 1 cl hr

Guest speakers introduce students to the myriad activities and career paths of technical communicators.

TC 151, Visual Communication, 3 cr, 3 cl hrs

Students are introduced to the significance of visual symbols in human communication. They learn fundamental graphic and document design principles, develop a vocabulary for analyzing the rhetoric, ethics, and politics of images, and apply this knowledge to the production of effective technical visuals.

TC 202, Elements of Editing, 3 cr, 3 cl hrs

Prerequisite: ENGL 112

Grammar review. Description of types and levels of editing. Responsibilities of editors. Use of editing and proofreading symbols, usage guides, style guides, and style sheets. Production aspects of editing. Practice in online and hardcopy editing of short manuscripts.

TC 211, Media Studies, 3 cr, 3 cl hrs

Prerequisites: ENGL 112

Survey of media of mass communication, including print, television, film, and internet. Emphasis on social impact of media and on developing tools to examine media messages. Students will form research groups to present on and analyze selected media events.

TC 305, Science Writing, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 and at least junior standing or consent of instructor

This course provides an overview of science writing genres designed to reach multiple audiences (e.g., specialists, policymakers, students, the public, etc.), with an emphasis on nonspecialist audiences. Course topics include, but are not limited to, the rhetorical history of science communication, popular science writing and science journalism, and public information for research groups and facilities (e.g., press releases, websites, science blogs). This course is ideal for TC students interested in working for one of New Mexico's many national labs and research facilities and for students in the sciences interested in improving their scientific communication skills. The course involves a service learning project providing students with opportunities for publication.

TC 315, Philosophy of Digital Communication, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or consent of instructor

A philosophical and historical overview of the shift to digital modes of communication; explores the impact of this digital shift on culture, identity, communication, education, art, medicine, ethics, community, and the production of knowledge. (Same as PHIL 315.)

TC 316, International Professional Communication, 3 cr, 3 cl hrs

Prerequisite: ENGL 112 or consent of instructor

Producing efficient and effective information for audiences situation in different geographic locations is a major concern of companies and organizations, both large and small. This course develops the knowledge and skills needed to analyze and solve the problems posed by a world that is increasingly diverse, interconnected, and driven by knowledge, technology and the capacity to learn and adapt to new and ever changing contexts and situations. During the course, students will produce artifacts that demonstrate development and accomplishments as an international professional communicator. Shares lecture with TC 512, with additional expectations for graduate credit.

TC 321, Internship, 3 cr

Prerequisites: TC 202 and 211; ENGL 341; and consent of TC faculty

Work during a school term or the summer in a technical communication

or media field, such as writing, gathering data, or production work, for an on- or off-campus publications agency. To receive credit, students must have their internships approved in advance by the TC faculty. Students produce a report about their internship program.

TC 351, Web Design, 3 cr, 3 cl hrs

Prerequisites: TC 151

This course introduces students to the fundamentals of web design, including principles of usability, aesthetics, and interactivity. Students will learn and apply current web design theories and relevant technology tools to practical course projects.

TC 361, Advanced Visual Communication: Data Visualization, 3 cr, 3 cl hrs

Prerequisites: ENGL 112 or consent of instructor

Knowing how to communicate information graphically and in such a way as to intuitively engage its audiences is a fundamental skill to have in a world permeated by data. This course develops the knowledge and skills needed to evaluate, plan and produce aesthetic, ethical, and functional data displays—graphs, charts, technical illustrations, maps, interactive displays, and others—for people engaged in science, technology, business, government, and academia, as well as for semi-specialized and lay audiences. Shares lecture with TC 561, with additional expectations for graduate credit.

TC 371, Publications Management, 3 cr, 3 cl hrs

Prerequisites: TC 202 and 211 or consent of instructor

Theory and practice of meeting managerial responsibilities. Topics include communication in organizations, management and supervision, project management, technology and professional communication, legal and ethical issues, and contract employment. Includes a collaborative research project using ethnographic methods.

TC 411, Persuasive Communication, 3 cr, 3 cl hrs

Prerequisites: ENGL 112 and at least junior standing, or consent of instructor

Theory and practice of producing proposals, sales literature, application letters, résumés, and other documents and media that promote the interest of individuals or organizations in industry and government. Topics in psychology, rhetoric, and advertising may be considered. Students gain practical experience in design, writing, and illustrating promotional texts, particularly technical proposals.

TC 420, Senior Seminar, 3 cr, 3 cl hrs

Prerequisites: TC 211 and senior standing in the Technical Communication program

Readings in professional journals and discussion of current issues in technical and professional communication. Taught as a seminar with students presenting papers. Research leading to proposal for TC 422, Senior Thesis.

TC 421, Professional Writing Workshop, 3 cr, 3 cl hrs

Prerequisites: ENGL 112 and at least junior standing, or consent of instructor

Emphasis on the development and writing processes of professional communication documents, which might include computer/software documentation, websites, videos, policy and procedural manuals. Students gain practical experience working on an in-depth documentation project with clients and developing materials for users.

TC 422, Senior Thesis, 3 cr, 3 cl hrs

Prerequisite: TC 420

Initiation, production, and presentation (oral and written) of an original research project in technical communication.

TC 461, Digital Media Design, 3 cr, 3 cl hrs

Prerequisites: TC 351 or consent of TC faculty

This course builds on the skills students learn in Web Design, providing the necessary tools and experience to build large-scale complex websites and applications. Through the course text, lectures, hands-on projects, and self-paced tutorials, students will explore and learn how to appropriately select from the many technological options available for designing large-scale digital projects.

TC 491, Directed Studies, 1–3 cr, as arranged

Prerequisites: TC 202 and 211, or consent of instructor

TC 500: Experiential Learning Project (2 cr.)

As a capstone project, students in the Graduate Certificate will develop an independent project that results in 40 hours of work. This requirement can assume the form of a TC-related project at the student's work or a community organization (e.g. a documentation project, a promotional video, a grant proposal and/or fundraising project, etc.).

TC 505, Science Writing, 3 cr, 3 cl hrs

Prerequisites: Graduate Standing

This course provides an overview of science writing genres designed to reach multiple audiences (e.g., specialists, policymakers, students, the public), with an emphasis on nonspecialist audiences. The course is useful both to students pursuing a career as a professional science or technical writer and to students in the sciences hoping to improve their communication skills. Course topics include, but are not

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limited to, popular science writing (e.g., writing for mainstream magazines and newspapers) and public information (e.g., press releases, websites, science blogs, informational videos). The course involves a service learning project providing students with opportunities for publication. This course provides an overview of science writing genres designed to reach multiple audiences (e.g., specialists, policymakers, students, the public) and is useful both to students pursuing a career as a professional science or technical writer and to students in the sciences hoping to improve their communication skills. Course topics include, but are not limited to, popular science writing (e.g., writing for mainstream magazines and newspapers), public information (e.g., press releases, websites, science blogs, informational videos), and academic/research writing (e.g., journal articles, abstracts, and grant proposals). This course will also include a community service project providing students with an opportunity to generate real-world documents for a research facility at New Mexico Tech. Shares lecture with TC 305, with additional expectations for graduate credit.

TC 511, Persuasive Communication, 3 cr, 3 cl hrs

Prerequisites: Consent of instructor

Instruction in theories and practices of effective persuasive communication. Course content will include extensive audience analysis and planning, drafting, and revising persuasive documents, with a heavy emphasis on funding and research proposals, for targeted audiences.

TC 512, International Professional Communication, 3 cr, 3 cl hrs

Prerequisites: Graduate Standing

Producing efficient and effective information for audiences situated in different geographic locations is a major concern of companies and organizations, both large and small. This course develops the knowledge and skills needed to analyze and solve the problems posed by a world that is increasingly diverse, interconnected, and driven by knowledge, technology, and the capacity to learn and adapt to new and ever changing contexts and situations. Students will compile a professional portfolio demonstrating development and accomplishments as an international professional communicator. Shares lecture with TC 316, with additional expectations for graduate credit.

TC 521, Professional Writing Workshop, 3 cr, 3 cl hrs

Emphasis on the development and writing processes of professional communication documents, which might include computer/software documentation, websites, videos, policy and procedural manuals. Students gain practical experience working on an in-depth documentation project with clients and developing materials for users.

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TC 561, Data Visualization, 3 cr, 3 cl hrs

Prerequisites: Graduate Standing or Consent of Instructor

Knowing how to communicate information graphically and in such a way as to intuitively engage its audiences is a fundamental skill to have in a world permeated by data. This course develops the knowledge and skills needed to evaluate, plan and produce aesthetic, ethical, and functional data displays—graphs, charts, technical illustrations, maps, interactive displays, and others—for people engaged in science, technology, business, government, and academia, as well as for semi-specialized and lay audiences. Shares lecture with TC 361, with additional expectations for graduate credit.

TC 589, Special Topics, 3 cr, 3 cl hrs**Theater Courses:**

The following courses may be used to fulfill Area 5: Humanities of the General Education Core Curriculum (page 7).

THEA 314, Introduction to Theater, 3 cr, 3 cl hrs

Theory and practice of analysis of the play as literature, applying basic modes of literary criticism and vocabulary of literary analysis. Coursework includes organizing and leading a discussion on such subjects as literary analysis, directing, scene or costume design, or playwriting. Practical application includes producing a readers' theater performance.

THEA 514, Introduction to Theater, 3 cr, 3 cl hrs

Theory and practice of analysis of the play as literature, applying basic modes of literary criticism and vocabulary of literary analysis. Coursework includes organizing and leading a discussion on such subjects as literary analysis, directing, scene or costume design, or playwriting. Practical application includes producing a readers' theater performance.

Women's and Gender Studies Courses:

The following courses may be used to fulfill Area 4: Social Sciences of the General Education Core Curriculum (page 7).

WGS 101, Introduction to Gender Studies, 3 cr, 3 cl hrs

This chronologically organized course follows the changes in defining women and men as gendered beings in the U.S. We explore such cultural areas as the economy, politics, sexualities, medicine, religions, and more,

tracing how ideas of femininity and masculinity are created and enforced in various areas of American culture.

WGS 301, Introduction to Women's Studies, 3 cr, 3 cl hrs

This thematically organized course introduces issues important to women and men as gendered beings. Explorations of such cultural areas as the economy, politics, sexualities, medicine, religions, and more, both in their American context as well as in comparison to other cultures.

Graduate Courses Offered:

The following courses are offered for graduate credit:

COMM 560, Professional Public Speaking, 3 cr, 3 cl hrs

Prerequisites: Consent of instructor

Theory and practice of ethical and professional speech communication. Research, writing and presenting professional presentations. Designing and using effective visuals, including posters and electronic presentation aids. Conducting group presentations and discussions about ethical and cross-curriculum issues in historical, cultural and workplace context. Design, schedule and present a formal research colloquium.

COMM 570, Communication in Engineering, 3 cr, 3 cl hrs

Prerequisites: Graduate Enrollment in Engineering

Advanced communication/writing courses linked to engineering disciplines, focusing on graduate and professional genres (e.g., conference abstracts, journal articles, and conference presentations). Emphasis on communicating technical information to a variety of audiences.

COMM 575, Communication in the Sciences 3 cr, 3 cl hrs

Prerequisites: Graduate Enrollment in Sciences

Advanced communication/writing courses linked to science disciplines, focusing on graduate and professional genres (e.g., conference abstracts, journal articles, and conference presentations). Emphasis on communicating technical information to a variety of audiences.

ENGL 501, Graduate Writing Seminar, 3 cr, 3 cl hrs

Prerequisite: Proficiency in written and spoken English, Graduate standing or consent of instructor

Intensive practice in academic writing for graduate students. Focuses on writing and revision. Reviews the history and development of science writing and surveys the professional environments in which scientists are expected to

publish. Students should come with a draft of a substantial piece of work—such as an article, chapter, or grant proposal.

ENGL 511, Graduate Creative Writing, 3 cr, 3 cl hrs

Prerequisite: Consent of instructor

Professional-level writing in fiction, poetry, creative non-fiction or plays. Focuses on the genre of the student's choice. Students write often, revise frequently, learn and apply methods of Creative Writing instruction.

ENGL 524, Ecotopia: The Intersection of Science and Literature, 3 cr, 3 cl hrs

Prerequisite: Graduate Standing or consent of instructor

Utopian Literature, whether Paradise myths or novels set on an idyllic island or in the future, chronicles human aspirations for a better society. Ecotopia—a neologism coined in 1968—combines utopian desires for better relationships between humans with more recent desires and need for a better relationship with the environment. The course provides a review of utopian literature throughout history and focuses on contemporary science fiction novels and developments in architecture, technology, science, and alternative social structures. Shares lecture with ENGL 324, with additional expectations for graduate credit.

PHIL 521, Professional Ethics, 3 cr, 3 cl hrs

Introduce students to the concepts, theory, and practice of ethics and effective written and oral communications. Study cases and apply classical moral theory to decisions encountered in professional careers.

SS 501, Creative Problem Solving, 3 cr, 3 cl hrs

Prerequisites: Graduate Standing or consent of instructor

Techniques for defining problems and generating solution concepts, using Theory of Inventive Problem Solving (TRIZ) methods and incorporating additional tools that provide clarity and flexibility when approaching challenges creatively. Emphasis on qualitative, interdisciplinary approaches to technical problems. Application of these methods to graduate students' own- and peers'-design and/or experimental problems.

SPAN 520, Advanced Spanish Reading & Comprehension, 1 cr, 1 cl hr

Creative writing in Spanish. The class explores the poetic and musical legacy of the Spanish speaking countries, and writes poems, short stories, or a small literary piece in Spanish.

TC 505, Science Writing, 3 cr, 3 cl hrs

Prerequisites: Graduate Standing

This course provides an overview of science writing genres designed to reach multiple audiences (e.g., specialists, policymakers, students, the public) and is useful both to students pursuing a career as a professional science or technical writer and to students in the sciences hoping to improve their communication skills. Course topics include, but are not limited to, popular science writing (e.g., writing for mainstream magazines and newspapers), public information (e.g., press releases, websites, science blogs, informational videos), and academic/research writing (e.g., journal articles, abstracts, and grant proposals). This course will also include a community service project providing students with an opportunity to generate real-world documents for a research facility at New Mexico Tech. Shares lecture with TC 305, with additional expectations for graduate credit.

TC 511, Persuasive Communication, 3 cr, 3 cl hrs

Prerequisites: Consent of instructor

Instruction in theories and practices of effective persuasive communication. Course content will include extensive audience analysis and planning, drafting, and revising persuasive documents, with a heavy emphasis on funding and research proposals, for targeted audiences.

TC 512, International Professional Communication, 3 cr, 3 cl hrs

Prerequisites: Graduate Standing

Producing efficient and effective information for audiences situated in different geographic locations is a major concern of companies and organizations, both large and small. This course develops the knowledge and skills needed to analyze and solve the problems posed by a world that is increasingly diverse, interconnected, and driven by knowledge, technology, and the capacity to learn and adapt to new and ever changing contexts and situations. Students will compile a professional portfolio demonstrating development and accomplishments as an international professional communicator. Shares lecture with TC 316, with additional expectations for graduate credit.

TC 521, Professional Writing Workshop, 3 cr, 3 cl hrs

Emphasis on the development and writing processes of professional communication documents, which might include computer/software documentation, websites, videos, policy and procedural manuals. Students gain practical experience working on an in-depth documentation project with clients and developing materials for users.

TC 561, Data Visualization, 3 cr, 3 cl hrs

Prerequisites: Graduate Standing or Consent of Instructor

Knowing how to communicate information graphically and in such a way as to intuitively engage its audiences is a fundamental skill to have in a world permeated by data. This course develops the knowledge and skills needed to evaluate, plan and produce aesthetic, ethical, and functional data displays—graphs, charts, technical illustrations, maps, interactive displays, and others—for people engaged in science, technology, business, government, and academia, as well as for semi-specialized and lay audiences. Shares lecture with TC 361, with additional expectations for graduate credit.

TC 589, Special Topics, 3 cr, 3 cl hrs

Faculty Research Interests

Dezember—Poetry, the Visual Arts and Poetry, American Literature

Dotson—Science and technology studies

Durão—Visual Communication with an emphasis on Data Visualization, Science and Technology Studies, International professional communication

D. Dunston—Conducting, Music and Science, Creativity and Innovation

S. Dunston—American Literature, Philosophy

Kramer-Simpson—Feedback, Transitioning from college to the workforce, Students developing research interests

Lara-Martínez—Latin American Cultural History, Psychoanalysis

Newmark—American and Multiethnic American Literature, Writing Across the Curriculum, Composition/Rhetoric.

Prusin—Russia, Eastern Europe, Nationalism, Genocide

Simpson—ESL Writing, Graduate Student Writing, Technical and Scientific Communication