Descriptions — Civil Engineering of Courses

915. Earth Structures
Fall of odd-numbered years, 3(3-0)
P: CE 812.

916. Soil Dynamics
Spring, 3(3-0)
P: CE 812.

921. Advanced Topics in Groundwater
Spring of odd-numbered years, 3(3-0)
P: CE 821.
Formation and use of numerical simulation to model the physics of flow and contaminant transport in complex settings or the mechanics of immiscible fluids in porous media.

929. Selected Topics in Hydraulics
Fall of odd-numbered years. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
P: CE 829 or CE 828 or CE 829.
Advanced fluid mechanics and hydraulics related to civil and environmental engineering.

999. Doctoral Dissertation Research
Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 72 credits in all enrollments for this course.

CLASSICAL STUDIES

CLA

Department of Romance and Classical Languages
College of Arts and Letters

120. English from Latin and Greek Roots
Fall of odd-numbered years, 3(3-0)
Prefixes, suffixes, and roots of English vocabulary from Greek and Latin word elements.

121. Medical Terminology
Spring of even-numbered years. 3(3-0)
Basic Greek and Latin word elements used in the formation of prefixes, suffixes, and roots.

202. Introduction to Ancient Studies
Fall, 2(1-2) Interdepartmental with Arts and Letters, History, and History of Art, Administered by Arts and Letters.
Methods and current trends in the study of the Greek and Roman world. Visits to library and museum collections.

300. Greek Civilization
Fall, 3(3-0)
R: Not open to freshmen.
Political, social, religious, and intellectual life of ancient Greece from the Mycenaean period to the death of Alexander the Great, through such authors as Homer, Herodotus, Aeschylos, Euripides, Aristophanes, Thucydides, and Plato.

310. Roman Civilization
Spring, 3(3-0)
R: Not open to freshmen.
Enduring features of Roman civilization to Justinian. Political institutions, religion, architecture, literary forms, creative arts, and gender roles.

350. Greek and Roman Literature in English Translation
Fall, 3(3-0)
R: Not open to freshmen. Representative works of major Greek and Roman authors.

400. Women in Classical Greek Society
Fall, 3(3-0) Interdepartmental with Women's Studies.
R: Not open to freshmen and sophomores.
Images, roles, and statuses of women in Greek society as seen through literary sources.

410. Greek Mythology
Spring, 3(3-0)
R: Not open to freshmen and sophomores.
Myths as social discourse defining order in Greek culture, as sources of inspiration for poets and thinkers, and as legacy for modern Western culture.

420. Greek and Roman Religions
Fall of odd-numbered years, 3(3-0)
R: Not open to freshmen and sophomores.

499. Senior Thesis
Fall, Spring, Summer. 3(3-0) Interdepartmental with Arts and Letters.
Scholarly research and writing with a focus on specific problems, under faculty supervision.

COMMUNICATION

COM

Department of Communication
College of Communication Arts and Sciences

100. Human Communication
Fall, Spring, Summer, 3(3-0)
Process and functions of communication. Principles underlying communication behavior. Practice in analyzing communication situations and in speaking and writing.

200. Methods of Communication Inquiry
Fall, Spring, Summer, 3(3-0)
P: MTH 110 or MTH 115 or designated core on mathematics placement test.
Nature and conduct of communication inquiry. Significant questions about communication and finding systematic answers.

225. An Introduction to Interpersonal Communication
Fall, Spring, Summer, 3(3-0)
Principles and practice of interpersonal communication. Emphasis on effective and responsible interpersonal communication.

240. Introduction to Organizational Communication
Fall, Spring, Summer, 3(3-0)
Theories, systems, structures and processes of organizational communication. Organizational cultures. Communication in multinational organizations and in individual, leadership, supervisor-subordinate and small group situations.

275. Effects of Mass Communication
Fall, Spring, Summer, 3(3-0) Interdepartmental with Telecommunication. Administered by Telecommunication.
R: Not open to freshmen.
Major social effects of mass media on audience behavior. Political communication. Media effects on children. Message strategies producing attitude change. Interrelationships between mass media and interpersonal communication.

315. Information Gathering and Interviewing Techniques
Fall of odd-numbered years, 3(3-0)
R: Open only to juniors and seniors.
Information gathering as a relational process. Interaction through the asking and answering of questions.

325. Interpersonal Communication Theory and Research
Fall, Spring, 3(3-0)
R: Open only to juniors and seniors.
Theories, processes and models of interpersonal communication. Topics include conflict resolution, deception, consensus, and uncertainty reduction in communication.

340. Dyadic and Group Processes in Organizations
Spring, 3(3-0)
R: Open only to juniors and seniors.
Theory and research on dyadic and group relations within organizations. Topics include leadership, motivation, networks, decision making, and organizational taxonomy.

375. Audience Response to Mediated Communication
Spring, 3(3-0)
R: Open only to juniors and seniors.
Theory and research on audience responses to mediated communication including entertainment.

391. Topics in Verbal or Intercultural Communication
Fall, 3(3-0) A student may earn a maximum of 8 credits in all enrollments for this course.
P: One 200 level course in Communication. R: Not open to freshmen and sophomores.
Topics in cultural diversity and verbal interaction.

399. Special Topics in Communication
Spring, 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course.
P: One 200 level COM course. R: Not open to freshmen and sophomores.
Contemporary issues in communication.

425. Communication in Close Relationships
Fall, Spring, 4(4-0) P: COM 225 or COM 325. Open only to juniors, seniors, or graduate students. A student must complete a Tier I writing requirement. A student must complete a Tier I writing requirement. Credit/no credit only.

425. Communication in Close Relationships
(W)
Fall, Spring, 4(4-0) P: COM 225 or COM 325. Open only to juniors, seniors, or graduate students. A student must complete a Tier I writing requirement. A student must complete a Tier I writing requirement. Credit/no credit only.

440. Organizational Communication Structure (W)
Fall, 4(4-0) P: COM 340. Open only to juniors, seniors, or graduate students. Organizational Communication in organizations. A student must complete a Tier I writing requirement. Systems approaches to information processing and communication structures in organizations.
820. Critical Perspectives in Communication Theory and Process
Fall, Spring. 3(3-0)
P: One 200 level course in Communication. R: Not open to freshmen and sophomores.
Evaluation of efficiency of messages. Interdependence of communication and other societal factors, emphasizing criteria for ethical and social appropriateness.

475. Communication Campaign Design and Analysis (W)
Fall. 4(4-0)
R: Open only to junior, senior or graduate student Communication majors. Completion of Tier I writing requirement.
Design and analysis of campaigns presented through mediated channels including electronic and print media.

490. Practicum in Communication Research and Instruction
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
P: One 200 level COM course. R: Not open to freshmen and sophomores. Approval of department; application required.
Supervised practical experience in a professional environment.

810. Communication Research I
Fall. 4(4-0)
Communication research strategy and methodology. Scientific process. Derivation and test of hypotheses. Methods of research design.

828. Cross-Cultural Communication Theory and Process
Spring. 3(3-0)
Perspective on media processes pertaining to individuals, groups, and large-scale systems. Topics include cognitive processing of media, public opinion and affective responses to media.

999. Doctoral Dissertation Research
Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 99 credits in all enrollments for this course.
R: Open only to Ph.D. students in Communication.

COMMUNICATION ARTS AND SCIENCES
College of Communication Arts and Sciences

492. Special Topics
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 16 credits in all enrollments for this course.
R: Approval of department. Varied topics pertaining to the study of communication processes.

493. Internship
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
R: Open only to Communication majors. Approval of department; application required. Supervised practical experience in an applied communication setting.

599. Master's Thesis Research
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 14 credits in all enrollments for this course.
R: Open only to graduate students in Communication.

901. Communication Research Design I
Spring. 4(4-0)
P: One introductory research design or statistics course. Methods of data collection and analysis. Writing and critiquing research reports.

902. Communication Research Design II
Spring. 4(4-0)
P: COM 901. R: Open only to graduate students. Further study of methods of data collection and analysis. Writing and critiquing research reports.

915. Organizational Communication I
Spring of odd-numbered years. 3(3-0)
P: COM 815; COM 800 or COM 902.
Emphasis on organizational communication. Organization's embeddedness in a larger social environment.

921. Micro and Macro Media
Fall of odd-numbered years. 3(3-0)
P: COM 800 or COM 902.
Perspective on media processes pertaining to individuals, groups, and large-scale systems. Topics include cognitive processing of media, public opinion and affective responses to media.

922. Interpersonal Communication
Fall. 3(3-0)
P: COM 800 or COM 902.
Theory and research in interpersonal communication. Role of communication in processes such as interpersonal influence and relationship development.

990. Independent Study
Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course.
R: Open only to graduate students in Communication. Approval of department. Individualized study under faculty direction.

COMPUTER SCIENCE
CPS
Department of Computer Science
College of Engineering

190. Using Computers
Fall, Spring, Summer. 3(2-2)
R: Freshmen and sophomores only. Not open to students in the College of Engineering and the College of Natural Science. Applications of computation. Computer hardware, software, communication and networks. Impact of computation and computers on the individual and society. Hands-on application exercises. Databases, file systems, graphics, spreadsheets, word processing.

130. Introduction to Computing
Fall, Spring, Summer. 3(2-2)
Computer Aided Software Engineering for design. Structured modular BASIC for programming. Selection, loops, arrays, sequential and direct files, character window, and spreadsheets. Applications from business, science and humanities.