Descriptions — Teacher Education of Courses

999. Doctoral Dissertation
Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 36 credits in all enrollments for this course. R: Open only to Ph.D. students.

TELECOMMUNICATION TC

Department of Telecommunication
College of Communication Arts and Sciences

100. The Information Society
Fall, Spring, Summer. 3(3-0)
Technological and social trends in the information society. Social policy involving information technologies and information services. Examples from the telephone, computer, television, cable, radio and satellite systems.

200. History and Economics of Telecommunication
Fall, Spring, Summer. 4(4-0)
P: EC 201 or concurrently. R: Not open to freshmen. Institutional, economic and content development of telecommunication including broadcasting, cable, new video technologies, and telephone and data transmission.

201. Introduction to Telecommunication Technology
Fall, Spring, Summer. 4(4-0)
P: MTH 110 or MTH 118; CPS 101 or CPS 131 or concurrently. R: Not open to freshmen. Operational principles of audio, data, and video telecommunication technologies.

240. Telecommunication Media Arts
Fall, Spring. 4(4-2)
R: Not open to freshmen. Characteristics of image and sound media and their role in shaping the meaning of media messages. Application of aesthetic principles in the design of mediated communication.

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

310. Basic Telecommunication Policy
Fall, Spring, Summer. 4(4-0)
P: TC 100, TC 200, TC 201, TC 240. Policy and plans in telecommunication systems and services in the United States and other nations.

342. Basic Video Design and Production
Fall, Spring. 4(2-4)
P: TC 240. R: Open only to Telecommunication majors. Approval of department; application required. Conceptualization, design, planning, producing, directing, editing, and evaluation of video programs.

343. Basic Audio Production
Fall, Spring. 4(4-2)
P: TC 201, TC 240. R: Open only to Telecommunication majors. Approval of department; application required. Basic audio production techniques. In-depth audio and radio industry analysis. Media writing.

345. Media Arts Content and Culture
Spring. 3(3-0)
R: Not open to freshmen and sophomores. Media content as cultural discourse. Cultural themes in content and structure of media entertainment, news, sports, religious and political programs and commercials.

352. Broadcast and Cable Programming and Audience Promotion
Fall, Spring, Summer. 3(3-0)
P: TC 200, TC 240, or approval of department. R: Not open to freshmen. Evaluation, selection, and scheduling of cable and broadcast programming. Audience promotion strategies and techniques.

354. Telecommunication Marketing and Sales Promotion
Fall, Spring. 3(3-0)
P: TC 200, MSC 300. Application of advertising and marketing concepts to broadcast stations, cable systems, program networks and telecommunications.

361. Telecommunication System and Service Policies
Spring. 3(3-0)
P: TC 200, TC 201, TC 310, ACC 290. Services, systems, and public policy related to telephone and telecommunication.

370. History of Film and Documentary
Fall, Spring. 4(2-4)
R: Not open to freshmen. Analysis of fiction and non-fiction forms, emphasizing social background and cultural values. Screening of significant feature and documentary films.

422. Advanced Video Design and Production
(W)
Fall. 4(3-4)
P: TC 342, TC 343. R: Open only to Telecommunication majors. Completion of Tier I writing requirement. Approval of department; application required. Advanced principles of studio and field production. Techniques of design, recording, editing and writing. Emphasis on electronic field production and editing.

442. Audio Industry Design and Management
(W)
Fall, Spring. 4(3-2)
R: Approval of department. Current and future hypermedia capabilities. Applications and design of systems.

452. Telecommunication and Information Industries
(W)
Spring. 4(4-0)
P: TC 100, TC 200, TC 201. R: Completion of Tier I writing requirement. Telecommunication and information industry issues including economic dynamics, market structures, business practices, and interfaces with other industries.

456. Multichannel Television
(W)
Fall. 4(4-0)
P: TC 362, TC 364. R: Open only to Telecommunication seniors and graduate students. Completion of Tier I writing requirement. Telecommunication in a multichannel environment; developments in broadcasting, cable, satellite, and direct broadcast satellite, direct broadcast satellite, multipoint distribution systems, and home video applications.

458. Telecommunication Management
Fall, Spring. 4(4-0)
P: TC 365, MGT 302. R: Approval of department. Theoretical and practical aspects of telecommunication management including case studies.

462A. Telecommunication Applications
Organizational Impact
Fall of even-numbered years. 3(2-2)
P: TC 361. R: Approval of department; application required. Use and effects of telecommunication and information technology in organizational settings.

462B. Telecommunication Applications
Teleconferencing
Fall. 3(2-2)
P: TC 240. R: Approval of department; application required. Methods of teleconferencing including assessing requirements for teleconferencing, design and implementation, and system evaluation.

462C. Telecommunication Applications
Electronic Information Services
Spring of odd-numbered years. 3(2-2)
P: TC 361. R: Approval of department; application required. Advanced electronic information services applications including electronic bulletin board, audio text and video text services, and voice and electronic mail.

463. Digital Telecommunication Networks
Fall. 3(3-0)

465. Telecommunication Network Management
(W)
Spring. 4(4-0)
P: TC 463, TC 464, MGT 302. R: Open only to Telecommunication and College of Engineering majors. Completion of Tier I writing requirement. Techniques for analyzing organizational requirements for voice, data and image communication systems.

476. Telecommunication Research Methods
(W)
Spring. 4(4-0)
R: Open only to seniors and graduate students. Completion of Tier I writing requirement. Telecommunication research methods including content analysis, sampling, experiments, surveys, statistics, ratings, polling and qualitative research.

477. International Telecommunication
(W)
Fall, Spring. 4(4-0)
R: Open only to seniors and graduate students. Completion of Tier I writing requirement. International approaches to the use of television, radio, cable, telephone, data and satellite communication. Development, international interaction, data flows, propaganda, impact on cultures.

490. Independent Study
Fall, Spring, Summer. 1 to 7 credits. A student may earn a maximum of 7 credits in all enrollments for this course.

491. Special Topics in Telecommunication
Fall, Spring. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Approval of department. Contemporary issues in telecommunication.
943. Telecommunication Internship  
Fall, Spring, Summer. 1 to 7 credits. A student may earn a maximum of 7 credits in all enrollments for this course.

P: TC 100, TC 200, TC 201. R: Open only to Telecommunication majors. Approval of department; application required. Supervised professional experience in a telecommunication institution, business or facility.

801. Telecommunication Technologies  
Fall, Spring, Summer. 3(3-0)
Trends in mass media and information technologies and their applications. Topics include broadcast systems, telephone systems, data communications, satellite systems, and fiber optic systems.

810. Telecommunication Policy Analysis  
Fall, Spring, Summer. 3(3-0)
R: Open only to graduate students in Telecommunication or approval of department.
Analysis of major public and private telecommunication policies. Applying concepts and data from law, political science, economics, communication and general social science.

821. Mass Communication Theory and Research  
Fall, Spring, 3(3-0)
Current telecommunication and mass communication research and theories, including exposure patterns, diffusion of news and social effects of mass media.

824. Media Campaigns and Formative Evaluation  
Spring. 3(3-0)
Impact of public communication campaigns aimed at educating and persuading mass audiences. Strategies for message development and ongoing assessment. Techniques for audience analysis and evaluation.

840. Telecommunication Media Arts Theory  
Fall. 3(3-0)
Theoretical perspectives which inform mediated expression. Processes of creating, analyzing, and disseminating knowledge with telecommunication media.

842. Design and Development of Media Projects  
Spring. 4(3-2)
P: TC 442 or approval of department; TC 840. R: Open only to graduate students in Telecommunication or approval of department.
Overview of production industry and technology. Message design and development. Project management and production techniques.

851. Financial Aspects of Telecommunication  
Fall. 3(3-0)
P: TC 458 or approval of department. R: Open only to graduate students in Telecommunication or approval of department.
Telecommunication properties and systems. Broadcast, common carrier, and cable capitalization. Pricing, acquisition criteria, and forecasting techniques.

862. Economic Structure of Telecommunication Industries  
Spring, Summer. 3(3-0)
R: Open only to graduate students in Telecommunication or approval of department.
Economic aspects of telecommunication and information industries. Emphasis on market structure, conduct, performance. Content diversity, new technologies, recent regulatory policies, and antitrust.

866. Multichannel Telecommunication Management  
Spring. 3(3-0)
R: Open only to graduate students in Telecommunication or approval of department.
Management and promotion issues in broadcast television, multichannel television and programming.

869. Special Topics in Telecommunication  
Fall, Spring. 3(3-0)
R: Open only to graduate students in the College of Communication Arts and Sciences or approval of department. Contemporary issues. Topics vary.

899. Master's Thesis Research  
Fall, Spring. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments.
R: Open only to graduate students in Telecommunication. Approval of department; application required. Individualized study under faculty supervision.

916. Qualitative Research Methods  
Spring. 3(3-0) Interdepartmental with Journalism and Advertising, Administered by Journalism.
R: Open only to Ph.D. students in Mass Media and Communication.
Qualitative research in mass and specialized communication systems. Topics include documentary, bibliographic, case study and participant observation methods.

921. Media Theory  
Fall. 3(3-0) Interdepartmental with Advertising and Journalism. Administered by Advertising.
R: Open only to Ph.D. students in Mass Media and Communication.

990. Law and Public Policy of the Media  
Fall. 3(3-0) Interdepartmental with Journalism and Advertising, Administered by Journalism.
R: Open only to Ph.D. students in Communication Arts and Sciences-Mass Media or Communication or approval of department.
Theoretical frameworks concerning media and communication processes, and their interactions with technology. Social, organizational, critical, and economic perspectives.

965. Media Economics  
Spring, 3(3-0) Interdepartmental with Advertising and Journalism.
R: Open only to Ph.D. students in Communication Arts and Sciences-Mass Media or Communication or approval of department.
Economic theory and analysis relevant to the mass media. Economic structure and performance of mass media and advertising industries. Competition among media and within related industries.

975. Quantitative Research Design  
Fall. 3(3-0) Interdepartmental with Advertising and Journalism. Administered by Advertising.
P: One graduate-level research design or statistics course.
R: Open only to Ph.D. students in Mass Media.
Survey, experimental and content analytic techniques applied to the study of media. Academic and applied research methods. Univariate and multivariate techniques.

THEATRE

Department of Theatre
College of Arts and Letters

100. Theatre and Society  
Fall, Spring. 3(2-2)
Theatre as social comment. Translation of social vision into dramatic art. Demonstration and application of theatrical conventions, play genres, and production techniques.

101. Acting I  
Fall, Spring. 3(2-2)
Improvisational exercises, creative exercises, monologue and scene study.

110. Theatrical Play Analysis  
Fall, Spring. 3(3-0)
Play study in relation to theatrical production.

211. Production Design: Scenery and Lighting  
Fall, Spring. 3 credits.
Technical aspects of the design and construction of stage scenery and lighting.