

Descriptions — Teacher Education

of

Courses

- 930. Educational Selection: Characteristics and Consequences of Student Assessment**
Winter of odd-numbered years. 3(3-0)
Doctoral student or approval of instructor.
Influence of assessment and selection of students on the shaping of student learning, educational trajectory, and access to social position.
- 931. Teaching: An American Argument**
Spring of odd-numbered years. 3(3-0)
Graduate student or approval of instructor.
Historical analysis of competing conceptions of teaching in American social thought, literature, and social science, 1850 to present; implications for understanding, criticism, and reform of teaching.
- 932. Enduring Dilemmas of Educational Policy**
Spring of even-numbered years. 3(3-0)
T E 975, T E 976, T E 977 or approval of instructor.
Enduring dilemmas that confront educational policymakers; how underlying tensions (e.g., between capitalism and democracy) shape policy on issues such as tracking, desegregation, vocationalism, and achievement.
- 933. Policymaking and Education**
Spring of odd-numbered years. 3(3-0)
T E 975, T E 976, T E 977 or approval of instructor.
Impact of social, political, historical, economic, and judicial forces on educational policymaking. Dilemmas of policy formulation and implementation related to desegregation, school finance, compulsory education, and testing.
- 937. Education and Economic Development**
Fall. 3(3-0) Approval of instructor.
Relationship between education and economic development, including economic growth, income distribution, and employment.
- 938. Sociolinguistics, Classrooms, and Educational Inequalities**
Spring. 3(3-0) Approval of instructor.
Sociolinguistic and micro-ethnographic analyses of face-to-face interaction in educational settings, focusing on classrooms as sites for both reinforcing and overcoming educational and socio-economic inequalities.
- 939. Policy and Legal Issues in Testing**
Spring of even-numbered years. 3(3-0)
CEP 401. Interdepartmental with the Department of Counseling, Educational Psychology and Special Education.
Public policy and legal issues concerning the use of standardized testing to make critical decisions about individuals in American public education.
- 975. Seminar: The Purposes and Effects of Schooling**
Fall; every third Summer beginning 1987. 3(3-0) Admission to doctoral program in teacher education or approval of instructor.
Analysis of national and international perspectives on schooling which shape educational aspirations. Implications of different purposes of schooling for curricula, teaching force composition, pedagogical strategies, organizational arrangements, and student outcomes.
- 976. Seminar: Improving the Quality of Teaching**
Winter; every third Summer beginning 1988. 3(3-0) Admission to doctoral program in teacher education or approval of instructor.
Consideration of various disciplines, historical and current accounts, and comparative research to improve the quality of teaching through changes in working conditions, formal teacher education, and school curricula.
- 977. Seminar: Consequences of Educational Reform**
Spring; every third Summer beginning 1989. 3(3-0) Admission to doctoral program in teacher education or approval of instructor.
Multiple and conflicting sources, processes, and consequences of reform in educational policies and practices. Legislative and legal, curricular, institutional, professional, societal, and cross-cultural considerations.
- 982. Seminars in Curriculum, Teaching, and Educational Policy (MTC)**
Fall, Winter, Spring, Summer. 1 to 9 credits. May reenroll for a maximum of 15 credits. Approval of department.
Seminars in teacher education doctoral emphasis areas: curriculum and instruction; disciplinary knowledge in K-12 education; research on teacher knowledge, practice, change; teacher preparation and staff development; teaching, policy, social analysis.
- 983. Readings and Independent Study in Curriculum, Teaching, and Educational Policy**
Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 15 credits. Approval of department.
Individual or group study in the various doctoral emphasis areas of curriculum, teaching, and educational policy.
- 984. Laboratory and Field Experience in Curriculum, Teaching, and Educational Policy**
Fall, Winter, Spring, Summer. 1 to 9 credits. May reenroll for a maximum of 15 credits. Approval of department.
Supervised graduate practicums, observations, internships, externships in the various doctoral emphasis areas of curriculum, teaching, and educational policy.
- 999. Doctoral Dissertation Research**
Fall, Winter, Spring, Summer. Variable credit. Approval of department.
- 220. History and Economics of Telecommunication**
Fall, Winter, Spring, Summer. 4(3-2)
Sophomores, EC 201, successful completion of MTH 108.
Institutional and cultural development and underlying economic principles of the telecommunication field, including broadcast programs.
- 230. Basic Telecommunication Technology**
Fall, Winter, Spring, Summer. 4(4-0)
Sophomores, TC 210, TC 220, CPS 115.
An analysis of technical factors involved in electronic communication: transmission, sound physics and aural technology, light physics, visual behavior and image technology, computer and automation controls, technical telecommunication policy formulation.
- 280. History of the Motion Picture**
Fall, Spring. 4(2-4) Sophomores.
Development of the motion picture from its beginning to the present, emphasizing social background and cultural values. Screening of significant films from various periods and countries.
- 300. The Effects of Mass Communication**
Fall, Winter, Spring, Summer. 4(4-0)
Interdepartmental with the Department of Communication.
Major social effects of mass media on audience behavior. Political communication. Media effects on children. Message strategies producing attitude change. Interrelationship between mass media and interpersonal communication. Decision making in mass media.
- 301. Basic Audio Production**
Fall, Winter, Spring, Summer. 4(2-4)
TC 230, majors or approval of department.
Basic orientation to audio and radio studios, with laboratory experiences in production, writing and performance.
- 302. Basic Video Production**
Fall, Winter, Spring. 4(2-4) TC 230, majors or approval of department.
Basic orientation to video and television studios, with lab experiences in production, writing and performance.
- 310. Basic Telecommunication Policy**
Fall, Winter. 4(4-0) TC 210, TC 220, TC 230.
Essential U.S. public communication policy is treated through rigorous methodological analysis of case and statutory law, public documents and related primary materials.
- 325. Telecommunication Program and Production Management**
Winter. 4(4-0) TC 302 or concurrently.
Sources of program material, economics of program market, program regulation, ascertainment of audience needs and interests, formative and summative research, programming strategy, showmanship, management of production facilities and personnel.
- 335. Audience Survey and Analysis**
Winter, Spring. 4(4-0) Juniors.
Designing research for the study of telecommunication audiences. Survey research, sampling, questionnaire construction, research administration. Analyses and interpretation of research results. Audience measurement services and feedback systems.

TELECOMMUNICATION TC

College of Communication Arts and Sciences

- 210. Telecommunication Process and Effects**
Fall, Winter, Spring, Summer. 4(4-0)
Sophomores or approval of department.
Human communication processes and behavior as modified by telecommunication. Functions, audiences, and implications of electronic media on society.

- 350. Advanced Audio Production**
Fall, Spring. 4(2-4) TC 301, TC 302, approval of department.
Advanced audio production techniques including operation of signal processing equipment and multi-track recorders. Lecture and studio assignments culminate in multi-track studio mixdowns.
- 351. Television Studio Production**
Fall, Spring. 4(2-4) TC 301, TC 302, approval of department.
Advanced television crew operations. Writing and production of programs directed by students in TC 451.
- 360. Introduction to Integrated Telecommunication Systems**
(TC 460.) Fall, Spring. 4(4-0) TC 310 or concurrently.
Telecommunication technology, services and policy for telephone common carrier and private telecommunications networks.
- 361. Television Directing**
Fall, Winter, Spring, Summer. 4(2-4) TC 301, TC 302, approval of department.
Television producing and directing methods with assigned experiences in the television studios.
- 395. Television Content and Culture**
Winter. 4(4-0) Juniors.
Examination of television content as a reflection of cultural values. Analysis of theme, format and dramatic structure.
- 396. The Documentary Film**
Spring. 4(2-4) TC 280.
History of documentary film and analysis of documentary types, providing a solid basis for the understanding and evaluation of the nonfiction film. Screening of significant films.
- 399. Telecommunication Internship**
Fall, Winter, Spring, Summer. 1 to 8 credits. May reenroll for a maximum of 10 credits. Telecommunication juniors and seniors; approval of department.
Internship in a telecommunication studio or in a government agency or business.
- 401. Telecommunication Management**
Fall, Spring. 4(4-0) TC 310, Juniors.
Sales, ratings, facility organization, departmental functions, management duties, promotion, market analysis, programming and program formats. Short case studies are used to illustrate topic areas.
- 410. Property and Rights in Telecommunication**
Spring. 4(4-0) TC 310.
Copyrights, agreements, intellectual, artistic, performance, program and related rights and properties used in telecommunication, communication and related information storage and processing.
- 415. Cable Communication**
Fall, Winter, Spring, Summer. 4(4-0) Juniors.
History, technology, public policy, services, economics, management and social effects of broadband cable communication systems.
- 421. Electronic Field Production and Editing**
Spring. 4(4-2) TC 301, TC 302, approval of department.
Principles of videotape recording and editing in single camera production style. Historical, technical, legal and ethical aspects of electronic field production and editing. Extensive field work required.
- 430. Telecommunication Computer Applications**
Fall. 4(4-0) TC 230, CPS 115 or CPS 120 or approval of department.
Telecommunication applications for computer hardware and software. Includes consideration of human factors, policy and application in consumer, business and research sectors of telecommunication industry.
- 437. Television Program Development**
Fall, Winter, Spring. 3(2-2) Senior nonmajors.
Television production planning and practices. Designed for non-majors who desire a working knowledge of the medium for application in other fields.
- 440. Videotex Systems and Applications**
Spring. 4(4-0) TC 430 or approval of department.
Technology assessment of one-way and interactive videotex systems and applications, system technical design, hardware, software, information providers and users. Policy, economic and social impacts considered.
- 451. Advanced Television Directing**
Fall, Spring. 3(0-6) TC 361, approval of department.
Assigned experiences in television directing of programs written and produced by students in TC 351.
- 452. Telecommunication Industries and Services (MTC)**
Fall, Winter, Spring, Summer. 4(4-0) May reenroll for a maximum of 8 credits. TC 220.
Analysis of different telecommunication industries with focus on economic history, market structure, business practices, and interfaces with other industries.
- 470. Integrated Telecommunication Systems Operations**
Winter. 4(4-0) TC 360 or approval of department.
Operation of voice, data, video and image communication systems. Technical features of transmission systems, protocols, architecture and terminal equipment.
- 480. Integrated Telecommunication System Implementation**
Spring. 4(4-0) TC 470 or approval of department.
Techniques for assessing organizational requirements for voice, data, video and image communication systems. Guidelines for effective implementation of integrated telecommunication systems.
- 489. Telecommunication in Education**
Fall, Winter. 4(4-0) Juniors.
Uses of telecommunication media for instructional purposes. Usage by educational and other public institutions. Corporate and industrial applications for training and education. Applications of interactive telecommunication in education.
- 498. International Telecommunication**
Fall, Summer. 4(4-0) Juniors.
Alternative approaches to television, radio, cable, and satellite communication with examples from selected national and international systems. Telecommunication's role in national development. Conflict and cooperation in information distribution and propaganda.
- 499. Individual Projects**
Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 8 credits. Junior telecommunication majors and approval of department.
- 801. Telecommunication Technologies**
Spring, Summer. 4(4-0) Approval of department.
Developing technologies in telecommunication, such as telephony, cable, multiple multipoint distribution services, videocassette recordings, low power television, videotext, satellite distribution. Impacts and interrelationships of services.
- 810. Telecommunication Policy Analysis**
Winter, Spring. 4(4-0) TC 310, or approval of department.
Systematic interdisciplinary analysis of major public and private telecommunication policies applying tenets from law, political science, economics, communication, general social science and technology.
- 815. Multichannel TV Operations and Programing**
Spring. 4(4-0) TC 401, TC 415 or approval of department.
Case studies in multichannel television system management and programing; cable, multiple multipoint distribution service, satellite master antenna TV, direct broadcast satellite.
- 821. Mass Communication Theory and Research**
Fall, Spring. 4(4-0)
Current behavioral science theories and research, e.g., media institutions, decision-making, mass media exposure patterns, diffusion of news and influence, effective message strategies, political communication, and mass media in socialization.
- 822. Art Instructional Media Laboratory II—Television**
Fall, Winter, Spring, Summer. 4(1-9) May reenroll for a maximum of 8 credits. Approval of department. Interdepartmental with and administered by Studio Art.
Analysis of teaching video tapes and television programs in art. Utilization of television as a medium of artistic expression and communication for application to art education or related fields.
- 825. Seminar in Instructional Television**
Spring. 3(3-0) Approval of department. Interdepartmental with and administered by the Department of Counseling, Educational Psychology and Special Education.
Television use in instruction, particularly as it concerns the learner, the classroom teacher, the instructional developer and the administration.
- 830. The Television Producer**
Winter. 4(4-0) TC 361 or approval of department.
Producer's functions in planning and supervising the execution of television programs, with emphasis on content, organization and use of production techniques to secure the intended audience response.

**Descriptions — Telecommunication
of
Courses**

831. Media Research I
Fall. 4(4-0) Approval of department.
Interdepartmental with the Department of Advertising.
Survey and experimental research designs and their relationship to mass media problems. Applied mass media research, audience research, consumer studies, mass media message research.

832. Media Research II
Winter. 4(4-0) TC 831. *Interdepartmental with the Department of Advertising.*
Data analysis techniques and presentation of mass media research data. Models for the study of mass media research problems.

850. Telecommunication Sales and Sales Management
Winter. 4(4-0) TC 401 or approval of department.

The sales process for telecommunication account executives. Development and presentation of an actual sales presentation. Direction and supervision of facility sales and promotion personnel, setting up compensation plans.

851. Telecommunication Financial Management
Spring. 4(4-0) TC 832.

Financial analysis of broadcast stations and cable systems, acquisition criteria, recapitalization, and evaluation of system performance. Role of finance and managerial economics in pricing, profit maximization. Application of forecasting techniques.

852. Telecommunication Industries
Spring. 4(4-0) EC 201 or approval of department.

Economic examination of telecommunication industries with emphasis on market structure, conduct, performance, program diversity, new technologies, recent regulatory policies, anti-trust, and common carrier.

860. Theory and Research in Information Technologies and Services
Fall. 4(4-0) TC 360 or approval of department.

Current social science research relating to the use and social effects of information technologies and services found in the telecommunications industry.

869. Telecommunication and Development
Fall. 4(4-0) TC 498 recommended.

Role of telecommunication and electronic media in change and development in Third World within frameworks of diffusion of innovations, critical and dependency theories.

870. Comparative Telecommunication Systems
Winter. 4(4-0) TC 498 or approval of department.

Comparative analysis of broadcasting, cable, satellite and telephone systems. Emphasis on development and economics policy, historical and cultural context; consideration of both content and structure in developed and developing countries.

871. International Telecommunication Systems and Issues
Spring. 4(4-0) TC 498 or approval of department.

International issues: crossborder radio, television sales/flows, foreign investment, transborder data flow, satellite broadcasting. Institutions such as ITU, UNESCO, INTELSAT and Eurovision.

875. Formative Evaluation: Audience Research for Message Design
Winter. 4(4-0) TC 335.

Application of social research methods to the design of audience profiles, information needs analysis, and tests of draft scripts.

880. Public Broadcasting
Winter. 4(4-0) TC 489 or approval of department.

Investigation of the role, organization, and problems of non-profit broadcasting by television and radio, especially since its recognition by federal legislation as an alternate program service to commercial broadcasting in the United States.

890. Special Problems
Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 6 credits. Approval of department.

899. Master's Thesis Research
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

910. Public Policy in Mass Media II
Spring. 4(4-0) Students in the Ph.D. Program in the Mass Media or approval of department.

Analysis of theory, documents and research in public policy as it relates to mass media including administrative, antitrust, copyright, advertising and communication policy.

931. Mass Media and the First Amendment
Fall. 4(4-0) Advanced graduate students. *Interdepartmental with the Department of Advertising and the School of Journalism. Administered by the School of Journalism.*

First amendment rights and the mass media. Analysis in depth of past and present public policy in areas of confrontation over guaranteed rights of freedom of expression.

THEATRE THR

College of Arts and Letters

101. Theatre Appreciation: Foundations
Fall, Winter, Spring, Summer. 3(3-0).

An overview of theatre arts as a recreational, cultural and social force in contemporary life; fundamentals of play production.

104. Introduction to Costuming
Fall, Winter, Spring. 3(2-2)

Introductory study of theatrical costuming including theory, patterning, materials, construction and history of dress.

211. Sophomore Acting Practicum
Fall. 4(0-10) THR 223 or approval of department.

Intensive training in rehearsal techniques and performance skills through exercises, improvisation and scenes. Emphasis is placed on individual expression, development and potential.

212. Stage Voice Practicum
Winter. 4(0-10)

Intensive training in breathing, tone production, articulation, and phrasing through exercises and performance projects. Emphasis is placed on helping students understand their voice and speaking potentials.

221. Introduction to Technical Theatre
Fall, Winter, Spring, Summer. 3(2-2)

Fundamentals of the technical aspects of stage practice with an opportunity to practice basic technical theatre skills in the department shops.

223. Introduction to Acting
Fall, Winter, Spring, Summer. 4(1-6)

Training beginning performers to utilize their experiences to develop themselves as artistic instruments.

300A. Rehearsal
Fall, Winter, Spring, Summer. 1(0-3)

May reenroll for a maximum of 7 credits. Approval of department.

Rehearsal in department's major productions.

300B. Production
Fall, Winter, Spring, Summer. 1(0-3)

May reenroll for a maximum of 7 credits. Approval of department.

Construction work or running crew for department's major productions.

301. Beginning Directing
Fall, Winter. 3(0-6) THR 320, THR 321 or approval of department.

Fundamentals of directing emphasizing theory and practice of basic concepts.

302. Intermediate Directing
Winter, Spring. 3(1-4) THR 301 or approval of department.

Emphasis on practical application and expansion of directing technique.

303. Advanced Directing
Spring. 4(0-8) THR 302 or approval of department.

Preparation and performance of a one-act play or short work in selected space with limited resources.

304. Design Media and Techniques
Spring. 3(2-2) THR 320, THR 321 or approval of department.

Basic rendering and design techniques relative to effective costume and scenic design.

320. Theatre Practicum
Fall, Spring. 5(0-15) THR 101, THR 104, THR 221, THR 223 or approval of department. THR 321 concurrently.

Exploration of theatre as a cooperative venture beginning with ideas, expanding through design and rehearsal, culminating in production. Apprenticeship experience stressed.

321. Theatre Production Design
Fall, Spring. 4(0-12) THR 101, THR 104, THR 221, THR 223 or approval of department. THR 320 concurrently.

Study and practice in drafting and the use of graphics for the stage, plus practical shop work on departmental productions.

323. Intermediate Acting
Fall, Winter, Spring, Summer. 4(1-6) THR 223, for nonmajors only.

Continuation of THR 223 with emphasis on vocal interpretation and characterization.