939. Policy and Legal Issues in Testing
Winter. 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.

948. Research in Vocational Education
(ED 941, EAC 948.) Winter. 4(4-0) CEP 803, CEP 904 or approval of instructor.
Research designs appropriate for vocational education. Selection of appropriate statistics, analysis of data using computers, and interpretation of findings.

970. Proseminar: The Contexts of the Teaching Profession
Fall. 3(3-0) T E doctoral students or approval of instructor.
Analysis of the multiple contexts (social, institutional, policy) in which teaching takes place. Themes include: societal expectations for schools, work environment of teaching and effects of public policy on teaching.

971. Proseminar: Teacher Education Curriculum
Winter. 3(3-0) T E 970.
Analysis of the content, contexts, and development of certification and professional development teacher education programs. Topics include current formal offerings, historical development of programs, and factors influencing future development.

972. Proseminar: The Teacher as Learner
Spring. 3(3-0) T E 971.
Analysis of developmental, sociological and technological research of teachers' learning and their implications for teacher education policy and practice.

982. Seminars in Teacher Education
Fall, Winter, Spring. Summer. 1 to 9 credits. May reenroll for a maximum of 15 credits. Approval of department.
Seminars in the various fields of emphasis in teacher education.

983. Readings and Independent Study in Teacher Education
Fall, Winter, Spring. Summer. 1 to 6 credits. May reenroll for a maximum of 15 credits. Approval of department.
Study on an individual or group basis in teacher education.

984. Laboratory and Field Experience in Teacher Education
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 various areas of teacher education.

999. Doctoral Dissertation Research
Fall, Winter, Spring. Summer. Variable credit. Approval of department.

210. Telecommunication Process and Effects
Fall, Winter, Spring, Summer. 3(3-0).
Sophomores or approval of department.
Human communication processes and behavior as modeled by telecommunication. Functions, audiences, and implications of electronic media on society.

220. History and Economics of Telecommunication
Fall, Winter, Spring. Summer. 4(3-2)
Sophomores, EC 201. Students must either score a 4 or better on the AP exam or achieve a 5 or better on the CLEP exam to qualify for credit.
An analysis of the historical 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.
A study of the technology involved in electronic communication: transmission, sound and light photography, light physics, visual behavior and image technology, computer and automation controls, technical telecommunication policy formulation.

250. 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(3-4)
Intermediate with the Department of Communication.
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)
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, assignment of audience needs and interests, formative and summative research, programming strategy, showmanship, management of production facilities and personnel.
437. Television Program Development
Fall, Winter, Spring. 3(1-4) Senior non-majors.
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(0-4) TC 351, approval of department.
Assigned experiences in television directing of programs written and produced by students in TC 351.

460. 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. 1 to 6 credits. Junior telecommunication majors and approval of department.

501. 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.

821. Mass Communication Theory and Research
Fall, Spring. 4(4-0) Interdepartmental with the Department of Communication.
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(1-0)
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(0-0) 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
Fall, 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.

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.

840. News and Public Affairs Programming
Winter. 4(4-0) Approval of department.
Analysis of broadcast journalism functions in relation to program design. Writing practices in analytic and editorial forms. Programming responsibilities, legal and ethical restraints.

841. News and Public Affairs Producing
Spring. 4(2-4) Approval of department.
Researching, writing and producing extended news and public affairs reports.

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 actual sales presentation. Direction and supervision of 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, antitrust, and common carrier.

869. Telecommunication and Development
Fall. 4(4-0) TC 498 recommended.
Role of telecommunication and electronic media in change and development in Third World countries 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.

880. Public Broadcasting
Winter. 4(4-0) TC 498 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. 1 to 6 credits. May reenroll for a maximum of 6 credits. Approval of department.

899. Master's Thesis Research
Fall, Winter, Spring. 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.
Descriptions — Telecommunication
of Courses

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. 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. 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. 4(1-6). THR 223, for nonmajors only. Continuation of THR 223 with emphasis on vocal interpretation and characterization.

335. Film and Drama, a Comparison
Fall, Winter, Spring. 3(3-2). Juniors. A comparison of dramatic and cinematic forms with primary emphasis on the unique attributes of each medium that create differing impacts and responses on the reader/viewer.

401A. Dance Studio I
Fall, Winter of even-numbered years. 2(0-6). May reenroll for a maximum of 12 credits. HPE 411 or approval of department. Intensive practicum in theatrical dance forms with emphasis on performance. Selected dance idioms and specialized styles of dance will enhance development of dancers as performing artists.

401B. Dance Studio II
Fall, Winter of odd-numbered years. 3(0-6). May reenroll for a maximum of 12 credits. HPE 412 or approval of department. An intensive practicum in theatrical dance with an emphasis on dance forms that are exemplary of musical theatre genre.

402. Movement Studio
Fall, Winter. 3(0-6). May reenroll for a maximum of 12 credits. A course in acting, approval of department. Practicum in theatrical dance and movement. Various idioms of movement are introduced to enhance range of performer.

403. Labanotation
Fall of odd-numbered years. 3(3-0). Theory and practice of labanotation, a system of recording movement in space and time designed for dancers, choreographers, directors, designers, and useful in acting, as well.

404. Choreography
Fall, Winter. 3(0-6). Spring of odd-numbered years. 3(2-2) THR 401A, THR 401B or THR 402. Basic understanding of dance choreography.

405. Dance Production
Fall, Winter. 3(1-4) THR 223 or approval of department. Principles and methods involved. Practical experience in development and presentation of dance programs.

406. Oral Interpretation
Fall, Winter. 3(1-4) THR 223 or approval of department. Training in selecting, interpreting, and performing literature for an audience.

411. Acting Studio I
Fall. 4(0-10). May reenroll for a maximum of 8 credits. THR 211, approval of department. An intensive acting practicum designed to deal with problems in acting style as well as the extension of the performer's range.

412. Acting Studio II
Fall. 4(0-10). May reenroll for a maximum of 8 credits. THR 411 or approval of department. Continuation of THR 411.

413. Acting Studio III
Fall, Winter. 3(0-12). May reenroll for a maximum of 8 credits. THR 412 or approval of department. Continuation of THR 412.

414. Auditioning
Fall. 2(1-2). Approval of department. Selection and preparation of audition materials to prepare the student for the audition situation.

415. Stage Dialects
Winter. 3(2-2). Basic sounds, rhythms, melodies of several dialects using ear training method. Knowledge of phonetics, foreign languages helpful but not required. Students practice and perform each dialect.

416. Theatre Script Analysis
Spring of odd-numbered years. 3(3-0). May reenroll for a maximum of 6 credits. For all theatre practitioners. Concentration on structure, language, themes, imagery and the development of creative interpretations of a script.

420. Creative Dramatics I
Fall, Winter, Spring. 3(1-4). Techniques for developing playmaking, story dramatization and improvisational skills in young people with emphasis on the school, camp and recreational use of these activities.

421. Creative Dramatics II
Spring. 3(1-4) THR 420. Development of youth oriented creative dramatic sessions for guided classroom and recreational use.