939. Policy and Legal Issues in Testing
Winter. 3(3-0) CLP 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.

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. Approved through Summer 1987.

972. Proseminar: The Teacher as Learner
Spring. 3(3-0) T E 971.

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 show 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. Seminar in Teacher Education
Fall. Winter. Spring. Summer. 1 to 9 credits. May enroll 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 Curriculum, Teaching, and Educational Policy
Fall. Winter. Spring. Summer. 1 to 8 credits. May enroll 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 enroll 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

**TELECOMMUNICATION TC**

**College of Communication Arts and Sciences**

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

220. History and Economics of Telecommunication
Fall. Winter. Spring. 4(3-2) Sophomores, EC 201. Students must either score at least 100 on the MSU Algebra Placement Exam to qualify for MTH 108 or successfully complete MTH 0823-1043.
Institutional and cultural development and underlying economic principles of the telecommunication field, including broadcast programs.

230. Basic Telecommunication Technology
Fall. Winter. Spring. 4(4-0) Sophomores, TC 210, TC 220, GPS 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. 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. 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.
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.

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.

460. Integrated Telecommunication Systems
Fall. 4(4-0) TC 310.
Role and function of telephony and related audio/data/image telecommunication systems, networks and services in modern society.

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. 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 multiplex as telephone distribution services, videocassette recordings, low power television, videotex, satellite distribution. Impacts and interrelationships of services.

510. 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.

515. Multichannel TV Operations and Programming
Spring. 4(4-0) TC 401, TC 415 or approval of department.
Case studies in multichannel television system management and programming; cable, multiple multipoint distribution services, satellite master antenna TV, direct broadcast satellite.

521. 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.

522. Art Instructional Media Laboratory II—Television
Fall, Winter, Spring. Summer. 4(3-0) May receive up to a maximum of 6 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.

525. 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.

530. The Television Producer
Fall, Winter. 4(4-0) TC 361 or approval of department.
Producer's function 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.

531. 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.

532. Media Research II
Winter. 4(4-0) TC 531. 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.

540. News and Public Affairs Programming
Winter. 4(4-0) Approval of department.
Analysis of broadcast journalism functions in relation to program design. Writing practice in analytical and editorial forms. Programming responsibilities, legal and ethical constraints.

541. News and Public Affairs Producing
Spring. 4(3-4) Approval of department. Researching, writing and producing extended news and public affairs reports.

550. 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.

551. Telecommunication Financial Management
Spring. 4(4-0) TC 632.

552. 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.

560. 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.

570. 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.

571. International Telecommunication Systems and Issues
Spring. 4(4-0) TC 498 or approval of department.
International issues: crossborder radio, television sales/flows, foreign investment, third party flow, satellite broadcasting. Institutions such as ITU, UNESCO, INTELSAT and Eurovision.
Descriptions — Telecommunication of Courses

380. Public Broadcasting
Winter. 4(4-6) TC 489 or approval of department.
Investigation of the rule, 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.

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

999. Master's Thesis Research

10. 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, patternting, materials, construction and history of dress.

211. Sophomore Acting Practicum
Fall. 4(0-16) 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, projection 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 361 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
J M 335A. A L 335.) 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.

341. Dance Studio I
Fall. Winter of even-numbered years. Spring of odd-numbered years. 2(0-6) May reenroll for a maximum of 12 credits. HPE 211 or approval of department. Intensive practical in theatrical dance forms with emphasis on performance. Selected dance idioms and specialized styles of dance will enhance development of dancers as performing artists.

342. Dance Studio II
Fall. Winter of odd-numbered years. Spring of even-numbered years. 2(0-6) May reenroll for a maximum of 12 credits. HPE 211 or approval of department. An intensive practicum in theatrical dance with emphasis on dance forms that are exemplary of musical theatre genre.

402. Movement Study
Fall. Winter. Spring. 2(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(3-6)
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
(HPR 411. HPE 411.) Spring of odd-numbered years. 3(0-6) THR 401A, THR 401B or THR 402. Basic understanding of dance choreography.

405. Dance Production
(HPR 436. HPE 436.) Spring of even-numbered years. 3(2-2) Approval of department. Principles and methods involved. Practical experience in development and presentation of dance programs.

406. Oral Interpretation
Winter. Spring. 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
Winter. 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
Spring. 4(0-10) May reenroll for a maximum of 8 credits. THR 412 or approval of department. Continuation of THR 412.

414. Auditioning
Fall. 3(1-2) Approval of department. Selection and preparation of audition materials to prepare the student for the audition situation.