

913. Seminar in Research on Teaching
(ED 913., 924.) Spring. 3(3-0) Approval of instructor. Interdepartmental with and administered by the Department of Counseling, Educational Psychology and Special Education.

Critical survey of five approaches to research on teaching. Students develop a framework for organizing the literature, methods, and issues in the field.

915. Readings and Research in Teacher Education and Professional Development
(ED 970.) Spring. 3(3-0) Approval of department.

Literature on research on practice in teacher education field experiences. Issues, problems and skills needed by educational leaders in preservice and inservice teacher education.

918. Teacher Assessment and Development
(ED 977.) Fall. 3(3-0) Completion of 27 credits at graduate level.

Concepts of teacher assessment, techniques and instruments for analysis of teaching, current assessment practices, and strategies for teacher development based on needs.

921. Fieldwork Research in Educational Settings I
(ED 976A.) Fall. 3(3-0) Approval of instructor.

Substantive and methodological issues in planning and conducting fieldwork research in educational settings. Knowledge and skills necessary to evaluate quality of fieldwork research. Critical review of examples of research reports.

922. Fieldwork Research in Educational Settings II
(ED 976B.) Winter. 4(3-3) T E 921, approval of instructor.

Supervised fieldwork research in educational settings. Techniques of data collection and analysis. Research question formation, entry, evidence, and ethics.

923. Fieldwork Research in Educational Settings III
(ED 976C.) Spring. 3(3-0) T E 922, approval of instructor.

Supervised analysis and reporting of fieldwork research data. Literature review, model construction, analysis of field notes and other data. Preparing narrative reports addressed to scientific audiences and to audiences of practitioners.

928. Conceptual Foundations of Educational Research
Fall. 3(3-0) Approval of instructor. Interdepartmental with the Department of Counseling, Educational Psychology and Special Education.

Epistemology and ideology in educational research. Analysis of concepts of method, causation, objectivity and subjectivity in historical perspective.

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.

TELECOMMUNICATION TC
College of Communication Arts and Sciences

210. Telecommunication Process and Effects
Fall, Winter, Spring, Summer. 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, Summer. 4(3-2) Sophomores, EC 201. Students must either score at a level 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, Summer. 4(4-0) Sophomores, TC 210, TC 220.

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.

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.

350. Advanced Audio Production
Fall, Spring. 4(2-4) TC 301 and 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.

Descriptions — Telecommunications

of

Courses

351. Television Studio Production

Fall, Spring. 4(2-4) TC 302, approval of department.

Advanced television crew operations. Writing and production of programs directed by students in TC 451.

361. Television Directing

Fall, Winter, Spring, Summer. 4(2-4) TC 302 and approval of department.

Television producing and directing methods with assigned experiences in the television studios.

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) Seniors, TC 310, TC 335.

Sales, ratings, station organization, departmental functions, promotion, program formats, station-community relations, ascertainment of community needs, license renewal, stations-network relations.

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(1-4) 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.

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.

801. Trends and Issues in Telecommunication

Spring, Summer. 4(4-0) Approval of department.

Salient issues and prevailing trends in telecommunication. Consideration of interdependence and relationships within and between telecommunication systems, services, and society.

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.

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, Summer. 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

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 practice 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 Management

Winter. 4(4-0) TC 401 or approval of department.

Direction and supervision of station sales and promotion personnel in securing and servicing national, regional and local accounts.

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.

870. Global Broadcasting: Foreign Domestic Systems

Winter. 4(4-0) TC 498 or approval of department.

Organization, financing, and programming as related to historic and cultural determinants. Special emphasis on the role of broadcasting in developing nations.

871. Global Broadcasting: International Systems

Spring. 4(4-0) TC 498 or approval of department.

Propaganda and information services. International coordinating organizations such as ITV, UNESCO, Eurovision, and Intervisio. Developments in satellite communication.

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
Fall. 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) THR 211 or approval of department.
Continuation of THR 211.

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.

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.

401A. 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 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; 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 an emphasis on dance forms that are exemplary of musical theatre genre.

402. Movement Studio
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(3-0)
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
(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. 2(1-2) Approval of department.
Selection and preparation of audition materials to prepare the student for the audition situation.