862 Information Networks and Electronic Commerce

Spring. 3(2-2) P:M: (TC 840 or TC 861) RB: Academic or professional background in telecommunication field.

Design and management of electronic commerce strategies and the telecommunications infrastructure. Impact of electronic commerce on organizations and society.

863 **Electronic Information and Entertainment** Media Management

Spring of even years. 3(3-0) R: Open only to graduate students in the Department of Telecommunication. SA: TC 856

Management, programming, advertising, and promotion issues in broadcast television, multichannel television, interactive television, and Internet and broadband data service programming.

872 **Telecommunication and National** Development

Fall of odd years. 3(3-0)

Role of electronic mass media and telecommunication in facilitating national development in Asia, Africa, Latin America, the Caribbean and the Middle Examples from agriculture, health, family planning, nutrition, and education.

877 Comparative and International Telecommunication

Fall of even years. 3(3-0)
Comparison of various national approaches to broadcasting, cable, satellite and telephone systems. Policy, economic, institutional and content issues. Interactions and media flows among countries. International regulatory bodies.

890 Independent Study

Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to graduate students in Telecommunication. Approval of department; application reauired.

Individualized study under faculty supervision.

891 **Special Topics in Telecommunication**

Fall, Spring. 1 to 3 credits. A student may earn a maximum of 9 credits in all enrollments for this course. R: Open only to graduate students in the College of Communication Arts and Sciences or approval of department.

Contemporary issues. Topics vary.

893 Telecommunication Internship (N)

Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course.

Internships in information industries.

Master's Thesis Research

Fall, Spring, Summer. 1 to 6 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to graduate students in the Department of Telecommunication, Information Studies and Media.

Master's thesis research.

912 Information Technology Transactional Perspectives

Spring of even years. 3(3-0) Interdepartmental with Information Technology Management. Administered by The Eli Broad College of Business. RB: Graduate level microeconomics course R: Open only to doctoral students.

Multiple perspectives on relationships between organizations and information technology. Information processing, communications and management strategy approaches. Economic perspectives.

Qualitative Research Methods

Spring. 3(3-0) Interdepartmental with Journalism; Advertising. Administered by School of Journalism. R: Open only to Ph.D. students in Mass Media and Communication. SA: ADV 916, JRN 916

Qualitative research in mass and specialized communication systems. Topics include documentary, bibliographic, case study and participant observation

Media Theory 921

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

Process and effects of mediated communication. Audiences, socialization, and persuasion. Macrosocietal, and intercultural perspectives. Theory Theory construction

Law and Public Policy of the Media 930

Fall. 3(3-0) Interdepartmental with Journalism; Advertising. Administered by School of Journalism. R: Open only to Ph.D. students in Mass Media. SA: ADV 930, JRN 930

Philosophical, legal, political, and statutory principles underlying law and public policy applied to media. Selected issues involving constitutional law, common law, statutes, and administrative policy.

Media and Technology

Spring. 3(3-0) Interdepartmental with Advertising; 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; 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.

Quantitative Research Design

Fall. 3(3-0) Interdepartmental with Advertising; Journalism. Administered by Department of Advertising. RB: 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

THR

Department of Theatre College of Arts and Letters

Actina I

Fall, Spring. 3(2-2)

Improvisational exercises, creative exercises, monologue and scene study.

Theatrical Play Analysis

Fall, Spring. 3(3-0)

Play study in relation to theatrical production.

Production Design: Scenery and Lighting Fall, Spring. 3(0-6)

Technical aspects of the design and construction of stage scenery and lighting.

Production Design: Costumes, Props and Makeup

Fall, Spring. 3(0-6)

Technical aspects of the design and construction of stage costumes and props. Materials and techniques related to theatrical makeup.

290 Independent Study

Fall, Spring. 1 to 4 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Approval of department.

Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.

300 Production

Fall, Spring, Summer. 1(0-2) A student may earn a maximum of 6 credits in all enrollments for this course. R: Approval of department. SA: THR 300B

Assisting with box office, publicity, running crew, costume shop, scene shop, or actor for department

Contemporary Acting I 301

Spring. 3(0-6) RB: (THR 101) R: Open only to students in the Department of Theatre or approval of department.

Intensive practicum including scene study, rehearsal and performance of works by twentieth century playwrights.

Classical Acting 302

Fall. 3(0-6) A student may earn a maximum of 6 credits in all enrollments for this course. RB: (THR 101) R: Open only to students in the Department of Theatre. SA: THR 302A, THR 302B

Experience in classical acting utilizing Greek, Elizabethan and Restoration texts.

Acting for Non-majors

Fall, Spring. 3(2-2) RB: (THR 101) R: Not open to students in the Department of Thea-

Emphasis on vocal interpretation and characterization. Department play attendance required.

311 **Production Practicum**

Fall, Spring. 5(0-10) P: (THR 211 and THR 212)

Intensive experience participating in the production program of the department.

312 **Design Media and Techniques**

Spring of even years. 3(2-2) RB: (THR 211 Or THR 212)

Rendering and design techniques for effective costume and scenic design.

Beginning Play Directing

Fall, Spring. 3(0-6) P: (THR 101 and THR 311 and THR 110)

Intensive practicum in concepts and techniques of stage directing. Stage design, movement, tableaux, and analysis.

350 Plays as Film

Fall of even years. 3(2-2)

Comparison of plays and musicals that are also films, with emphasis on structural changes from the play to film.

401 **Contemporary Acting II**

Spring. 3(0-6) RB: (THR 301 Or THR 302) R: Open only to students in the Department of Theatre.

Intensive practicum including scene study, rehearsal, and performance of works by twentiethcentury American playwrights such as Williams, Miller, O'Neill, Albee, and Odets.

402 **Voice Studio**

Fall, Spring. 2(0-4) A student may earn a maximum of 4 credits in all enrollments for this course. RB: (THR 101) R: Open only to juniors or seniors in the Department of Theatre

Intensive practicum in advanced techniques for developing physical awareness in voice as an instrument of expression.

409 Auditioning

Fall. 2(0-4) RB: (THR 301 Or THR 302) R: Open only to seniors in the Department of Theatre.

Theory and practice of techniques used for production casting in the theatre and elsewhere. Monologues, cold readings, and improvisations. Interview and resume preparation.

Oral Interpretation

Spring. 3(2-2) RB: (THR 101)

Selecting, interpreting and performing dramatic and non-dramatic literature for an audience. Reading for sense, instant characterization through vocal expressiveness, and audience control.

Stage Lighting Design 411

Fall of odd years. 3(2-2) A student may earn a maximum of 6 credits in all enrollments for this course. RB: (THR 211) R: Not open to freshmen

Theory and practice in lighting design and equipment. Application of light to stage production through play analysis, color theory, and the development of lighting plot.

Stage Costume Design

Spring of odd years. 3(2-2) A student may earn a maximum of 6 credits in all enrollments for this course. RB: (THR 212) R: Not open to freshmen.

Creating stage dress through script, color, and fabric analysis. Practical application through rendering draping and fabrication.

413 Make-up

Spring. 3(2-2) RB: (THR 212) R: Not open to freshmen.

Theory and application of two-dimensional and three-dimensional make-up for the stage.

414 Scene Design

Fall of even years. 3(2-2) A student may earn a maximum of 6 credits in all enrollments for this course. RB: (THR 211) R: Not open to freshmen.

Creating stage setting through script, color, and architectural analysis. Practical application through rendering and technical drawing.

Scene Painting

Fall of even years. 3(0-6) A student may earn a maximum of 6 credits in all enrollments for this course. RB: (THR 211) R: Not open to freshmen.

Techniques in scene painting for drops, scenery units and floor treatment for a variety of theatrical spaces.

421 **Creative Dramatics**

Fall, Spring. 3(2-2) R: Not open to freshmen or sophomores.

Techniques for developing playmaking, story dramatization and improvisational skills in young people. Emphasis on school, camp and recreational use.

Children's Theatre

Spring of odd years. 3(2-2) R: Not open to freshmen or sophomores.

Development and application of skills for producing traditional or improvised performances for children. Projects may originate with play script and culminate in audience assessment.

History of Theatre to 1850 (W)
Fall of even years. 3(3-0) P: Completion of Tier I writing requirement. RB: (IAH 201) R: Not open to freshmen or sophomores.

Theory and practice from mythic and cultic origins to the beginning of stage realism. Emphasis on theatre as an expression of its social and cultural matrix.

History of Theatre since 1850

Spring of odd years. 3(3-0) RB: (IAH 201) R: Not open to freshmen or sophomores.

Crisis and change in theatre architecture and dramatic forms. Dominance of commercial theatre, the rise of educational theatre, and the impact of high

441 **Advanced Play Directing**

Spring. 3(0-6) P: (THR 341) R: Open only to juniors or seniors in the Department of Theatre.

Advanced directing skills, theories and techniques applied to the non-realistic play. Works selected from Shakespeare, the musical theatre, and other non-realistic forms used as practicum.

Movement Studio

Fall, Spring. 2(0-4) A student may earn a maximum of 4 credits in all enrollments for this course. R: Open only to students in the Department of Theatre or Dance Specializa-

Intensive practicum in advanced techniques for developing the physical awareness and movement

Dance Studio: Classical Forms

Fall. 3(0-6) A student may earn a maximum of 9 credits in all enrollments for this course. R: Open only to students in the Department of Theatre or Dance Specialization.

Intensive practicum in theatre dance forms with an emphasis on performance. Selected dance idioms and specialized styles that enhance the development of the dancer as a performing artist.

452 **Dance Studio: Theatrical Forms**

Spring. 3(0-6) A student may earn a maximum of 9 credits in all enrollments for this course. R: Open only to students in the Department of Theatre or Dance Specializa-

Intensive practicum emphasizing forms of musical theatre dance, coordinated with the department's production program.

453 Labanotation

Fall of odd years. 3(2-2) R: Open only to students in the Department of Theatre or Dance Specialization.

Theory and practice of labanotation with emphasis on notating movement, reading notated scores, and analyzing movement theory.

454 **Choreography and Dance Production**

Spring of even years. 3(2-2) R: Open only to students in the Department of Theatre or Dance Specialization.

Intensive practicum in choreography. Principles and methods of dance production.

History of Dance to 1900

Fall of even years. 3(3-0) R: Not open to freshmen or sophomores.

Overview and anthropological perspective on selected ethnic forms of dance. Emphasis on dance idioms as cultural expressions.

456 History of Dance since 1900

Spring of odd years. 3(3-0) R: Not open to freshmen or sophomores.

Overview and anthropological perspective on dance. Modern dance artists and theorists. Contributions of theatrical dance forms.

Independent Study

Fall, Spring. 1 to 4 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Approval of department.

Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.

492 **Senior Seminar**

Fall. 2(2-0) R: Open only to seniors in the Department of Theatre. Approval of department.

Contemporary theatre, dance, and performance theory and practice.

Performance Tour

Fall, Spring. 3(0-6) A student may earn a maximum of 6 credits in all enrollments for this course. R: Approval of department; open only to cast members of touring production.

Rehearsal for and participation in the various departmental touring productions.

Theatre Research Methodology

Fall. 3(3-0) R: Open only to graduate students in Theatre.

Research techniques appropriate to theatre. Library resources.

801 Practicum in Theatre Arts: Acting

Fall, Spring. 3(0-8) A student may earn a maximum of 18 credits in all enrollments for this course. R: Open only to graduate students in Theatre.

Acting skills and techniques, including improvisation and Stanislavskian techniques.

802 Stage Voice

Fall. 2(0-4) A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to graduate students in Thea-

Principles and exercises for developing the speaking voice. Application to selected dramatic texts.

Acting Theory

Spring of even years. 3(3-0) R: Open only to graduate students in Theatre.

Theories, processes, techniques, and styles of acting set forth in the writings of prominent performers, teachers and critics.

809 Stage Combat

Spring. 2(1-2) P:M: (THR 450)

Safe and effective methods of depicting violence for stage and film. Hand to hand combat such as kicks, punches, and falls. Weapon work with rapier, dagger, broadsword, quarterstaff, foil, axe and shield.

Problems in Theatre Design

Spring. 3(2-2) A student may earn a maximum of 15 credits in all enrollments for this course. R: Open only to graduate students in Theatre.

Approaches to design problems in costumes, scenery, lighting, architecture, properties, or sound.

812 **Modern and Contemporary Theatrical** Design

Fall of odd years, 3(3-0) R: Open only to graduate students in Theatre.

Scenic design concepts from Appia and Craig to the present

813 Period Resources for Directors and Designers

Fall of even years. 3(3-0) R: Open only to graduate students in Theatre.

Methodology for researching historical customs and artifacts that directors and designers adapt for use in sets, props, costumes, and directing.

Digital Design Media for Theatre

Spring. 3(2-2)

Targeted exploration of common software tools for theatrical production designers in costumes, scenery and lighting.

831 Studies in Theatre History

Fall of odd years. Spring of odd years. 3(3-0) A student may earn a maximum of 12 credits in all enrollments for this course. R: Open only to graduate students in Theatre.

Selected periods and genres of world theatre history. Theatre as cultural expression and as performance art. Topics varv.

832 Studies in Comparative Theatre and

Fall, Spring. 3(3-0) A student may earn a maximum of 12 credits in all enrollments for this course. Interdepartmental with English. SA: ENG 832

Comparative study of selected playwrights, developments, movements, and trends in world drama from their beginnings to the present.

833 **Contemporary Issues of Theatrical** Theory and Criticism

Fall. 3(3-0) R: Open only to graduate students in Theatre

Critical and theoretical texts on drama from the early Greeks to the present.

Advanced Directing Practices 841

Spring of even years. 3(2-2) A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to graduate students in Theatre.

Directing theory and practice in contemporary theatre, including research and experimentation.

Portfolio Development: Digital and Traditional

Spring. 2(1-2)

Practices in traditional media as a basis for digital portfolio technologies. Software and hardware options applied to theatrical design portfolios.

Advanced Movement for the Actor Spring. 2(0-4) P:M: (THR 450) 860

Continued development of the actor's instrument and application of Laban's effort and spatial concepts. Improvisation, alignment and physical character invention through the introduction of Neutral

871 Voice and Speech

Fall. 2(0-4)

Principles of voice production for the actor. Ear training, speech sounds, International Phonetic Alphabet (IPA) vocal core, anatomy and physiology. Application to poetry and prose.

Advanced Voice and Speech

Spring. 2(0-4) P:M: (THR 871)

Development of the actor's vocal instrument and application to heightened text including poetry, narrations, speeches and The American Standard

Voice and Movement Practicum

Fall. 2(0-4)

Heightened language skills and period movement as a complement to studio acting.

Dialects and Voice

Spring. 2(0-4)

Application of dialects for stage performance and voice-over techniques in radio and television commercials.

890 Independent Study

Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Open only to graduate students in Theatre or approval of department.

Special projects, directed reading, and research arranged by an individual graduate student and a faculty member in areas supplementing regular course offerings.

Special Projects in Theatre

Fall, Spring. 1 to 4 credits. A student may earn a maximum of 10 credits in all enrollments for this course. R: Open only to graduate students in Theatre. Approval of department.

Special projects related to specific assignments in acting, directing, or design in departmentally approved production.

Master's Thesis Research

Fall, Spring, Summer. 2 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course. R: Open only to graduate students in Theatre.

Directed research leading to a master's thesis, used in partial fulfillment of Plan A master's degree reauirements.

URBAN PLANNING UP

Department of Geography College of Social Science

100 The City

Spring. 3(3-0)

Evolution, character, dimensions and elements of

The Role of Planning in Urban and 201 Regional Development

Fall, Spring. 4(4-0) Contemporary urban issues, historical contexts, and the role of planning in the solutions of the problems faced by cities and their surrounding regions.

Methods for Investigation of Urban 314 **Systems**

Spring. 4(3-2) Interdepartmental with Geography. P: (STT 201 and CSE 101) RB: (UP

Models, approaches, and techniques for urban and regional problem analysis, research, program evaluation, and project management. Application of related computer software.

Visual Communication and the Design **Process**

Fall. 4(2-4) P: (UP 201 or concurrently) R: Open only to sophomores or juniors or seniors in Urban and Regional Planning. SA: UP 231, UP 233, UP 334

Expressing concepts in visual terms for solutions to physical planning projects: graphic techniques and reproduction. Using the design process for solving land use problems: inventory, analysis, synthesis, community input and strategies for implementation.

Planning Theory: Ethics and Politics (W) 343

Spring. 4(4-0) P: (UP 201 or concurrently) and completion of Tier I writing requirement. R: Open only to sophomores or juniors or seniors in the College of Social Science. SA: UP 344

Political impact of community decision-making on planning. Ethics and values of professional practice. Gender, equity, and diversity issues within this context will be explored.

Land Use Planning
Fall. 4(4-0) P: (UP 201 or concurrently) RB: (PLS 100) SA: UP 323

Principles and techniques of land use planning, including role of social, economic and political systems. Comprehensive planning, neighborhood/sector planning, practical tools for land regulation and environmentally sensitive development.

Planning Law (W) Spring. 3(3-0) P: (UP 201) and completion of Tier I writing requirement. R: Open only to juniors or seniors in Urban and Regional Planning or Interdisciplinary Studies in Social Science majors. SA: UP 465

Statutory and case law for local government planning and development regulation.

400 Special Topics in Urban Planning

Fall, Spring. 2 to 4 credits. A student may earn a maximum of 12 credits in all enrollments for this course. P: Completion of Tier I writing requirement. R: Open only to juniors or seniors or graduate students in Urban and Regional Planning.

Issues and problems in contemporary urban plan-