trend models such as Pearl-Reed, Fisher-Pry and Gompertz curves. Qualitative techniques include Delphi, and modified Delphi for new product forecasting.

**750 Surveying New Technologies (1.5)**
For graduate students only. Prerequisites: Foundation course sequence and TIM 710. Companies once considered the leading edge of new technologies often are severely affected by “disruptive technologies” that fundamentally change their markets. This course provides the concepts and tools needed to assess the impact of emerging new technologies across several scientific and technical fields. Emphasis is on understanding how companies competitively react and transform themselves in response.

**760 Managing Large Technology Programs (1.5)**
For graduate students only. Prerequisites: Foundation course sequence, TIM 710 and ITM 614. This course augments the project management concepts and tools introduced in ITM 614. Its focus is on the management of multiple projects that comprise a large technology program such as the introduction of a new aircraft, facility or process. Case studies, readings and guest lecturers provide an overview of the sophisticated techniques and management designs used to effectively manage risk, financial exposure and human resource constraints. Advanced features of Microsoft Project are utilized in course assignments.

**770 Designing for Quality and Performance (1.5)**
For graduate students only. Prerequisites: Foundation course sequence and TIM 710. Companies in mature markets must be able to excel at innovation in operations to realize sustainable competitive advantage. This course investigates concepts, tools and techniques from the field of operations management for achieving significant differentiation through operational excellence and delivering services and products that achieve superior results. Students study organizational successes and failures, identify critical success factors, and survey technologies needed to develop and implement innovative operations strategies.

**800a and 800b Assessing Innovative Capacity and Performance (1.5 each, 3 total)**
For graduate students only. Prerequisites: Foundation course sequence, TIM 710 and ITM 614. TIM 800a is a prerequisite for TIM 800b. This capstone course provides an integrative, hands-on team experience with an actual company in assessing its strategic capacity for innovation, and specific ways to improve its overall competitive performance. Concepts and tools from all program courses are available for application in this assessment.

**Theatre (THR)**

**101 Theatre Improvisation and Creativity (3) (A)**
Introduces creative dramatics as a means for development of the basic skills required in actor training. Students will become familiar with sound and movement, transformation, exploration of sensory awareness, and creativity as it pertains to character development.

**175 Ethical Questions and Modern Drama (4) (A)**
Cross-listed with ENG 175. This course deals with significant modern plays in which the conflict centers on ethical questions across a broad range of university subjects: business, science, politics, relations with and responsibilities to others. Classroom sessions and papers will address the plays first as works of literature, but will go on to discuss and debate the ethical issues involved.

**200 Voice and Body for the Actor (3) (A)**
Teaches the fundamentals of stage movement and the use of voice in performance. Increases awareness of the physical self, helping students master the physicalization of emotion and physical character building. (*spring semester)*
201 Acting I for Majors (3) (A)
Prerequisites: THR 101 and 200. A studio/performance course introducing the craft of acting. Teaches basic technique and develops skills of relaxation, observation and concentration using exercises, improvisation, monologues and scene work. Required for majors/minors. (*fall semester)

202 Acting II for Majors (3) (A)
Prerequisite: THR 201. This studio/performance course provides training and experience in stage performance for students with initial expertise in the craft of acting. Emphasizes monologue or scene preparation and performance. Required for majors. (*spring semester)

204 Acting I (3) (A)
A studio/performance-oriented course introducing the beginning student to the craft of acting. Teaches basic stage technique, and develops skills of relaxation, observation and concentration using exercises, improvisation, monologues and scene work. Open to all non-THR/PAR students.

205 Oral Performance of Literature (4) (A)
Offers the beginning student an opportunity to study, perform and evaluate the reading of prose, poetry and drama. Develops interpretive skills: vocal range and flexibility, understanding of language, and expressiveness of voice and body. (*spring semester)

240 Special Project: Drama Participation (0-1) (A)
Requires audition and/or interview. May be used to fulfill the performance credit requirement for the major in performing arts. May be repeated for credit. (*fall and spring semesters)

241 Special Project: Musical Participation (0-1) (A)
Requires audition and/or interview. May be used to fulfill the performance credit requirement for the major in performing arts. May be repeated for credit. (*fall and spring semesters)

242 Special Project: Cabaret/Studio Theatre Participation (0–1) (A)
Requires audition and/or interview. May be used to fulfill the performance credit requirement for the major in performing arts. May be repeated for credit. (*fall and spring semesters)

245 Special Projects: Technical Theatre (1) (A)
Provides practical onstage and backstage experience. May be repeated for credit. May be used to fulfill the performance credit(s) requirement for the major in performing arts. (*fall and spring semesters)

246 Special Projects: Stage Management and Design (1) (A)
Prerequisite: THR 245. (*spring semester)

253 Survey of World Theatre (3) (W) (A)
Introduces students to the art of theatre as it evolved from ancient Greece to Elizabethan England. Surveys the aesthetics of theatre, plays written for the stage, and the roles of collaborating artists in creating theatre. Involves some stage work in acting and directing. Requires attendance at University theatre productions. (*fall semester)

254 Survey of World Theatre II (3) (NW-IG-W) (A)
Introduces the student to the art of theatre as it evolved from the 17th century onward. Includes study in the traditional non-Western dramatic forms of the orient. Surveys the aesthetics of theatre, plays written for the stage, and the roles of collaborating artists in creating theatre. Involves some stage work in acting and directing. Requires attendance at University theatre productions. (*spring semester)
282-289 Modern Drama (4) (W) (A)
Cross-listed with ENG 282-289. Studies include survey of modern drama (Ibsen to the present), contemporary British drama, contemporary American drama, or modern Continental drama. May be repeated if content varies. Open to all students. (*every other year)

298 Creativity and the Learning Environment (3)
Cross-listed with EDU 205. Investigates and applies strategies for developing both hemispheres of the brain. Develops a creative, centered lifestyle that includes daily disciplined activity to enhance overall mental, physical, emotional and spiritual health. Classroom activities include discussion, review of assignments, exploration of models for lifelong vitality, and creative activities related to art, theatre, dance, music, storytelling and writing. Activities include attendance at theatrical and arts-related events.

301 Acting III for Majors (3) (A)
An advanced studio-performance oriented course that continues the skills gained in THR 201 and 202. Emphasis is on scene work utilizing techniques for finding and playing intentions, connecting action with others, and developing strong and realistic characters and relationships.

302 Career Development for the Actor (3) (A)
A practicum course for theatre majors, which focuses on audition preparation and performance, and the business techniques required to market yourself for a career in the theatre.

303 Seminar in Public Performance (4) (A)
Cross-listed with SPE 303. Prerequisite: 8 or more hours of drama and/or speech courses, or consent of instructor. Provides guided study and rehearsal in such areas as oral interpretation, readers’ theater, public speaking and acting. Project-oriented course involves public performances and critiques.

304 Acting II (3) (A)
Prerequisite: THR 204 or consent of the instructor. This studio/performance-oriented course provides training and experience in stage performance for students with basic understanding of the craft of acting. Emphasizes monologue and/or scene preparation and performance. Open to all non-THR/PAR students.

308 Development of Musical Theatre (3) (A)
No prerequisites. May not be repeated for credit. Students study significant developments in the history of musical theatre as a distinct art form. Includes the artists who contributed to musical theatre and significant works from the repertory. (*spring semester, every other year)

309-311 Advanced Drama (4) (W) (A)
Cross-listed with ENG 309-311. Prerequisites: ENG 101 and 102. Studies include Elizabethan, Restoration or contemporary drama. May be repeated if content varies. (*every third year)

315 Advanced Acting Workshop (3) (A)
Prerequisites: THR 204 and 304, or consent of instructor. A studio/performance-oriented course designed to enhance previously acquired acting skills via intensive study, demonstration and observation of the physicalization of emotion and text, in-class exercises, and instruction. The study of advanced methods of acting techniques are examined through scene study, dramatic interpretation and analysis, as well as monologue preparation and performance.

320 Play Analysis (3) (W) (A)
Prepares the more advanced student for play selection, analysis and production. Students are required to make a director’s study/analysis of a specific play. Required for the major in performing arts and theatre.
330-331-332: Special Topics in Theatre (2-4)
Special Topics in Theatre will offer instruction and experiences in specialized theatrical-related courses such as Theatre Styles, Stage Makeup, Stage Costuming, Non-Western Theatre, Beginnings of Realism, and Performance Arts.

401 Acting Shakespeare (3) (A)
A studio/performance-oriented course. Provides training, analysis and experience in the stage performance of the works of Shakespeare and his contemporaries. Emphases are on monologue and scene study.

402 Advanced Acting Styles (3) (A)
An advanced studio performance-oriented course that focuses on exercises and presentation reflecting historical period and styles of performance. Emphases include research of the period, manners and conventions, language and physicality.

420 Survey of Dramatic Literature (3) (A)
Prerequisite: THR 320 or consent of instructor. Intended to provide students an opportunity to study the diversity of literature written for the stage, as well as the historical, socio-political and cultural aspects that contributed to the creation of these works.

425 Directing (3) (W) (A)
Prerequisite: THR 320 or consent of the instructor. Studies the basic tasks of the director: play selection, analysis, casting, rehearsing, and mounting the production. Each student is responsible for directing the performance of a one-act play or equivalent dramatic scene. (*spring semester as needed)

450 Senior Capstone Showcase (1)
Allows the graduating theatre major to showcase their skills in the creation of a solo presentation of monologues and scenes to demonstrate their development as a performer and theatre artist. All majors will be required to enroll in this course for the completion of their program of study.

Urban Studies (UST)

200 The Urban World (4) (NW) (IG)
An overview of the courses and consequences of urbanization in the United States, Western Europe and developing countries, integrating economic, geographical, political and sociological perspectives. (*fall semester)

210 Urban Politics and Policy (4) (W)
Cross-listed as GWA 210. Covers political processes, institutions and problems of urban-political systems in the United States. (*fall semester)

304 Public Policy Analysis (4)
Covers the formulation, implementation and evaluation of public policies. (*spring semester)

440 Field Work Intern Program (4-16)
Prerequisite: consent of area coordinator. Offers practical experience in an agency or agencies dealing with urban policies or problems. (*fall and spring semesters)

450 Independent Study (2-4)
Prerequisites: 12 hours of urban studies, minimum 3.0 GPA, and consent of area coordinator. Involves guided readings, research and criticism. May be repeated for credit if subject matter varies. (*fall and spring semesters)