SECTION A – Recorded for inclusion in the Undergraduate Catalog

COLLEGE OF EDUCATION

Department of Literacy Education

New Course

Undergraduate Catalog

CIP Code: 13.xxxx


Departments of Literacy and Special and Early Education

Course Revision

Page 114, 2011–12 Undergraduate Catalog

TLEC 397. LTCY 397. INDIVIDUALIZED COMPETENCY UNIT (1). Successful mastery … …

Department of Special and Early Education

Course Revision

Page 117, 2011-12 Undergraduate Catalog

TLSE 481. FIELD EXPERIENCE IN SPECIAL EDUCATION: VISION IMPAIRMENTS (4). Supervised observation and teacher-directed experiences with visually impaired children who are visually impaired in culturally and educationally diverse settings. PRQ: Consent of department.

Course Revision

Page 117, 2011-12 Undergraduate Catalog

TLSE 487. STUDENT TEACHING IN ELEMENTARY SPECIAL EDUCATION: VISION IMPAIRMENTS (6). Supervised observation and teacher-directed experiences with visually impaired students who are visually impaired in cultural and educational settings. Students must satisfy the regulations governing student teaching. PRQ: Completion of professional education and related course work; or consent of department.

Course Revision

Page 117, 2011-12 Undergraduate Catalog

TLSE 488. STUDENT TEACHING IN SECONDARY SPECIAL EDUCATION: VISION IMPAIRMENTS (6). Supervised observation and teacher-directed experiences with visually impaired students who are visually impaired in cultural and educational settings. Students must satisfy the regulations governing student teaching. PRQ: Completion of professional education and related course work, or consent of department.
Advisement services are provided the student from freshman year through graduation. Students are responsible for utilizing these services by responding to the periodic posted notices of deadlines for professional semester applications and schedules for advance registration advisement. A permit to register for the first and second professional semesters of the elementary education program must be secured from the department.

**S/U Grading**

In those courses in which the S/U grading basis is applicable, the use of S and U will apply to all students registered in any class section in which the S/U grading basis is employed. Individual students may not elect S and U grading. Teacher certification requirements are deemed to be met only by obtaining a grade of C or better in courses using traditional ABCDF grading or an S in those professional or clinical courses in which S/U grading is used. An S is the equivalent to a C or better and a U is equivalent to a D or lower in teacher certification courses using S/U grading.

**COLLEGE OF ENGINEERING AND ENGINEERING TECHNOLOGY**

**Department of Industrial and Systems Engineering**

**Course Deletion**

2011-12 Undergraduate Catalog

334. PROBABILITY FOR ENGINEERING (3.0)

**Course Revision**

2011-12 Undergraduate Catalog

335. STATISTICS FOR ENGINEERS (3). Applications of data analysis to engineering. Elementary properties of data, displaying data, exploratory data analysis, fitting data to distributions using both nonparametric and parametric methods, comparing means and variability, simple regression, and design of experiments. **PRQ:** MATH 230 Sampling and descriptive statistics; random variables; discrete and continuous probability distributions and its applications to engineering problems; fitting data to distributions; confidence intervals; hypothesis testing using both nonparametric and parametric methods; and simple regression. Emphasis is given to engineering applications. **PRQ:** MATH 230

**Course Revision**

2011-12 Undergraduate Catalog

371. OPERATIONS RESEARCH: PROBABILISTIC MODELS (3). Introduction to … … queuing systems. **PRQ:** ISYE 334 ISYE 335
SECTION A – Recorded for inclusion in the Undergraduate Catalog

Course Revision 2011-12 Undergraduate Catalog

430. QUALITY CONTROL (3). Importance of quality; … … variables and attributes. PRQ: ISYE 334 or ISYE 335 or STAT 350 or UBUS 223.

Course Revision 2011-12 Undergraduate Catalog

431. RELIABILITY ENGINEERING (3). Reliability analysis … … and maintainability. PRQ: ISYE 334 or ISYE 335 or STAT 350.

Course Revision 2011-12 Undergraduate Catalog

435. EXPERIMENTAL DESIGN FOR ENGINEERING (3). Statistical techniques … … factorial design. PRQ: IENG 334 and IENG 335 ISYE 335

Course Revision 2011-12 Undergraduate Catalog

436. APPLIED REGRESSION ANALYSIS FOR ENGINEERING (3). Statistical techniques … … time series analysis. PRQ: ISYE 334 and ISYE 335.

Course Revision 2011-12 Undergraduate Catalog

455. MANUFACTURING METROLOGY (3). Study of concepts, … … capability analysis. PRQ: ISYE 334 or ISYE 335 or STAT 350.

Course Revision 2011-12 Undergraduate Catalog

475. DECISION ANALYSIS FOR ENGINEERING (3). Elementary quantitative … … value of information. PRQ: ISYE 334 or ISYE 335 or STAT 350 or UBUS 223.

Other Catalog Changes 2011-12 Undergraduate Catalog

Major in Industrial and Systems Engineering (B.S.)

Requirements in Department (45)

ISYE 310 - Work Measurement and Work Design (3)
ISYE 334 – Probability for Engineering (3)
ISYE 335 - Statistics for Engineering (3)
ISYE 430 - Quality Control (3)
ISYE 435 – Experimental Design for Engineering (3)
ISYE 440 - Production Planning and Control (3)

Emphasis 1. Health Systems Engineering

Requirements in Department (45)

ISYE 310 - Work Measurement and Work Design (3)
ISYE 334 - Probability for Engineering (3)
ISYE 335 - Statistics for Engineering (3)

ISYE 430 - Quality Control (3)

ISYE 435 - Experimental Design for Engineering (3)
ISYE 440 - Production Planning and Control (3)

Emphasis 2. Manufacturing Systems

Emphasis 3. Engineering Management

Requirements in Department (45)

ISYE 310 - Work Measurement and Work Design (3)
ISYE 334 - Probability for Engineering (3)
ISYE 335 - Statistics for Engineering (3)

ISYE 430 - Quality Control (3)

ISYE 435 - Experimental Design for Engineering (3)
ISYE 440 - Production Planning and Control (3)

Department of Technology

Course Revision

Undergraduate Catalog

TECH 305. GREEN TECHNOLOGIES (3). Introduction to … … green industries in the region. PRQ: MATH 155 with a C or better; and CHEM 110.

Note: This change is effective with the 2012-13 catalog.

COLLEGE OF LIBERAL ARTS AND SCIENCES

Environmental Studies
ENVS 305. GREEN TECHNOLOGIES (3). Introduction to … … green industries in the region. PRQ: MATH 155 with a C or better; and CHEM 110.

Note: This change is effective with the 2012-13 catalog.