885. Artificial Neural Networks
Fall, 3(3-0) Interdepartmental with Computer Science.
Topics vary each semester. Topics such as system analysis, pattern recognition, and learning in artificial neural networks.

896. Advanced Topics in Signal Processing (MTG)
Fall, Spring, 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course.
Topics vary each semester. Topics such as discrete-time processing of signals, digital signal processing, and estimation theory.

290. Independent Study
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course.
R: Students in College of Engineering, approval of department. Independent undergraduate research in engineering.

291. Selected Topics
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course.
R: Open only to freshmen, sophomores. Experimental course development or special topics appropriate for freshmen and sophomores.

393. Engineering Cooperative Education
Fall, Spring, Summer. 1(1-0) A student may earn a maximum of 8 credits in all enrollments for this course.
R: Open only to students in College of Engineering. Educational employment assignment approved by College of Engineering.
Pre-professional educational employment experiences in industry and government related to student's major.

400. Special Problems in International Engineering
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 juniors, seniors, and graduate students in the College of Engineering.
Supervised study of selected topics in engineering using laboratories, equipment, and engineering design techniques. Offered at various international universities and institutes.

475. Special Topics in International Engineering
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course.
R: Approval of College.
Topics selected to supplement regular courses. Offered at various international universities and institutes.

888. Capstone Project in Manufacturing Engineering
Spring, 3(3-0) Interdepartmental with Marketing and Supply Chain Management.
 Topics selected to complement regular courses. Sometimes available to students in the Business Management of Manufacturing.
Pre-professional educational employment experiences in industry and government related to student's major.

ENGLISH

Department of English
College of Arts and Letters

090A. Intensive English for Non-Native Speakers
Fall, Spring. 0 credit. [12/20-0] See page A 2, item 3.) R: Approval of English Language Center.
Exploration and intensive practice of English skills. Focus on beginning grammar, speaking, listening, reading, and writing.

090B. Intensive English for Non-Native Speakers
Fall, Spring. 0 credit. [12/20-0] See page A 2, item 3.) R: Approval of English Language Center.
Explanation and intensive practice of English skills. Focus on intermediate grammar, speaking, listening, reading, and writing.