This course is available for student registration only after the approval process has been completed.

Subject  ECE  
Alpha Prefix (e.g., CSE)  
Course No.  4303  
Number Choice (e.g., 1301)  
Credit Hours  3  
Term to be added to the file  Fall 2004  
(e.g., Fall 2003)  
Class Hours  8:00-9:15  
Lecture Hours  3  
Lab Hours  1  
Contact Hours (CEU only)  0  
Department  Electrical & Computer Engineering  
(e.g., Computer Sciences)  
Schedule Type  Lecture  
(e.g., lecture, lab or special project)  
College/School  
☐ College of Engineering-01  
☐ College of Science and Liberal Arts (science)-20  
☐ College of Science and Liberal Arts (liberal arts)-21  
☐ School of Aeronautics-03  
☐ SEGS-90  
☐ School of Management-22  
☐ School of Psychology-05  
Computer Title  (restricted to 25 spaces, including blanks)  
☐ SPEECH RECOGNITION  
Catalog Title  
Speech Recognition Programming  
Catalog Description of Course  
(limited to 350 characters, including spaces)  
Introduces students to techniques for speech recognition and the integration of ASR in programs, using general speech recognition tools. Techniques, including feature extraction from speech data, neural networks, Gaussian mixtures, estimate & maximize, data clustering techniques, Viterbi, Hidden Markov Models (HMM), keyword spotting and beam search, are introduced.  
In addition, you may attach a course syllabus and/or more detailed description.

Restrictions  
☐ Prerequisite  
ECE 2552  
(course number)  
☐ Corequisite  
(course number)  
Grades to be issued  
☑ A, B, C, D, F  
☐ S, U  
☐ P, F  
☐ Other  

Additional Restriction  
(e.g., major, class level, department head approval)  
If this course replaces a course currently offered in BANNER, please indicate old course information

Subject  Alpha Prefix (e.g., CSE)  
Course No.  (e.g., 1301)  

APPROVALS

Upon completion of appropriate department approvals, submit form to Chair, Graduate Council, or Chair, Undergraduate Curriculum Committee for approval below and forward to Catalog Coordinator.

 Originator  
Date  04/12/2004  
Chair, Graduate Council  
Date  
Department Head/Program Chair  
Date  4-12-2004  
Dean or Associate Dean  
Date  
Chair, Undergraduate Curriculum Committee  
Date  

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