CS4395 Human Language Technologies

CS 4395 Human Language Technologies (3 semester credit hours) Introduction to human language technologies (HLT), the study of natural languages from a computational perspective. Topics include computational models of syntax and semantics, natural language applications (such as machine translation, speech processing, information retrieval, and information extraction), and general machine-learning techniques commonly used in state-of-the-art HLT research. Prerequisites: (CS 3341 or SE 3341) and (CE 3345 or CS 3345 or SE 3345 or TE 3345 or equivalent). (3-0) Y