



IBM WATSON

CS4365/5354 Natural Language Question-Answering Systems

Instructors: Diego Aguirre and Olac Fuentes



OVERVIEW

Course will **provide university students** with the technical knowledge to **build apps infused with Watson's intelligence**, while gaining the entrepreneurial vision to deliver their Innovations into the marketplace. UTEP belongs to the first wave of universities offering Cognitive Computing coursework and the next step in IBM's Strategy to **fuel an ecosystem of innovators making Cognitive the new standard of computing.**



SYLLABUS

Syllabus includes a mix of technical and business areas

Section 1: Content Theory - collection, curation, etc. Assignment: corpus development

Section 2: Test Theory - test, training, evaluation, etc. Assignment: corpus training

Section 3: Prototype App Development - Assignment: design, develop and deliver a prototype app

Section 4: Business Planning – Assignment: Mini business plan



SECRET SAUCE

- Gives students **unprecedented access** to [Watson](#) - via the **Watson Developer Cloud**
- IBM will provide: support on course development, technical mentors, guest speakers, and more to ensure success
- As a classroom, students will select an industry to focus on and then break into teams to develop prototype apps and a business plan .



SKILL BUILDING

- The explosion of data-driven content has sparked a new wave of career optys
- **High need for professionals with expertise in fields such as natural language processing, machine learning** and content lifecycle management
- Actively recruiting for [Watson jobs](#)