King Faisal University
College of Arts
Department of English Language
Academic Plan: Course Description

1- Course identification

Department	Department of English Language	Level	8
Course title	English Language and Information Technology	Code	ADEL 460
Course	Theoretical √ Practical ☐		
Domain	Language/ Linguistics	Prerequisite(s)	
Credit hours	2 Contact hours 2	ADEL 250: Into. To Linguistics	

2- Course content

English Language and Computer Technology introduces the main areas of applying computer technology in the field of language studies. These areas include a variety of applications based on Natural Language Processing (NLP), such as computer aided language learning (CALL), corpus studies, and distance learning. The course covers the potential of computer applications in a variety of fields in Language studies.

3- Course rationale

The course has been suggested because: 1) It provides students with the knowledge base in different areas of applying information technology to language studies. 2) It prepares students for further computer applications in various fields of language studies. 3) It enables students to use different aspects of NLP in their learning and in their future jobs.

4- Course objectives

By the end of the course, students should be able to:

1- Demonstrate knowledge of various applications of information technology in language studies.

2- Be able to use different aspects of NLP in their learning, such as distance learning material and computer-based corpora.

3- Be able to analyze and critique example of programs used in NLP.

5- Teaching methods

The course makes use of the following teaching/learning methods:

1- Lectures given by the teacher.

2- Teacher-prepared notes and handouts.

3- Class demonstration of applications of NLP.

4- Student's practical application of computer technology.

5- Class Quizzes and assignments.

6- Course evaluation

Continuous assessment is the main method of evaluation. The following instruments are utilized:

1- Attendance   10%

2- Class Quizzes and assignment   10%

3- Practical applications   10%

4- Midterm Exam   20%

5- Final Exam   50%

7- References and teaching learning resources

Textbooks:

1- Yule, George (1996). "Language and Machines", in Yule, George: *The Study of Language.* Cambridge, the University of Cambridge Press.

23- Pereira, Fernando C. (Ed.) (1994). *Natural Language Processing*. Massachusetts, MIT Press.

B- References:

1- Ohlbach, Hans J. (Ed.) (1992). *16th German Conferences on Artificial Intelligence.* Bon, Germany, August 31-September 3, New York, Spring-Verlag.

2- Barnbrook, Geoff (1996). *Language and Computers.* Edinburgh, Edinburgh University Press.

3- Smith, K. T. et.al. (2003). The Semantic Web: A Guide to the Future of XML, Web Services, and Knowledge Management. New York, Wiley, John & Sons.

C. Websites:

1- WWW.barnesandnoble.com

2- KFU Webcity materials.

3- British English Corpus (Internet site).