



## UNIBERTSITATE HEDAKUNTZAKO IKASKETAK

### INTRODUCTION TO LANGUAGE TECHNOLOGY APPLICATIONS (ILTAPP) (5. ED.)

#### INFORMAZIO OROKORRA

---

**IKASTURTEA:** 2022/2023

**ARLOA:** Ikasketa Teknikoak

**KREDITUAK:** 2,00 ECTS kreditu (\*)

**MATRIKULA TASA:** 180,00 € (Asegurua: 4 €, galdetu)

**ARDURADUN AKADEMIKOA:** Rodrigo Agerri

#### AURKEZPENA

---

Language Technology is increasingly present in many of the applications we use in our everyday activities (Google Home, Amazon Alexa, Siri, Google Translate, Grammar checkers, Google search engine...) and the need of experts that can develop applications based on Language Technology is an ever growing demand both in the industry and academia. This course will introduce the most commonly used techniques to build applications based on Language Technology. Thus, the attendees will learn how to apply techniques such as document classification, sequence labeling, as well as vector-based word representations (embeddings) and pretrained language models (T5, GPT, etc.) for core applications such as Opinion Mining, Named Entity Recognition, Fake News Detection or Question Answering.

#### ZURE BILA GABILTZA

---

This course is targeted to graduate students and professionals from a range of disciplines (linguistics, journalism, computer science, sociology, etc.) that need an applied introduction to Language Technology. This involves identifying the required linguistic resources, appropriate tools/libraries and techniques with the aim of acquiring the required autonomy to solve practical problems by applying and developing applications based on Language Technology in different and creative ways.

#### IRTEERA PROFESIONALAK

---

Professionals working on a range of disciplines that need to start using Language Technology.



## BALDINTZAK

---

Knowledge of Python recommended.

## IRAKASKUNTZA

---

**HASIERA ETA AMAIERA DATA:** 2023/07/17-tik 2023/07/21-era

**EMATEKO TOKIA:** Informatika Fakultatea

**HIZKUNTZA:** Ingelesa

## INFORMAZIOA/IZEN-EMATEA

---

**SAIL EDO ORGANO ARDURADUNA:** Hizkuntza eta Sistema Informatikoak

**HELBIDEA:** Informatika Fakultatea, Donostia-San Sebastián

**TELEFONOA:** 943 015 046

**POSTA ELEKTRONIKOA:** [rodrigo.agerri@ehu.eus](mailto:rodrigo.agerri@ehu.eus)

(\*) ECTS kreditu batek 25 orduko balioa du.