

UA 529 Digital Image Processing

Course Code:	UA 529
UTAA Credit (Theoretical-Laboratory hours/week):	3(3-0)
ECTS Credit:	6.0
Department:	Unmanned and Autonomous System Eng.
Language of Instruction:	English
Level of Study:	Graduate
Offered Semester:	Fall and Spring Semesters.

Course Objectives

This course aims to support the use of digital image processing techniques

Course Content

Image processing fundamentals, techniques, image enhancement, shape representation and description

Course Learning Outcomes

- 1-Understand principle theories and concepts of image analysis, enhancement, modelling and transformation
- 2-Apply a range of techniques of image processing
- 3-Use software tools oriented with digital image processing