UA 527 Advanced Machine Learning

Course Code:	UA 527
UTAA Credit (Theoretical-Laboratory hours/week):	3(3-0)
ECTS Credit:	6.0
Department:	Unmanned and Autonomous System Engineering
Language of Instruction:	English
Level of Study:	Graduate
Offered Semester:	Fall and Spring Semesters.

Course Objectives

The course is fundamental for anyone who wishes to employ machine learning and its methods. Main purpose of the course is for the students to develop consistent and self-confident thinking abilities on the subjects belonging to machine learning. Additionally, recognition and use habits for tools on which these thinking skills can be applied, are other development goals of the course for acquisition of the students.

Course Content

In simple terms, the course aims to introduce machine learning tools. The relationships between these tools, the basics of applicable algorithms and their way of use are shown with practical information.

Course Learning Outcomes

1-Have a basic outlook on cloud computing

2-Have a basic comprehension of the development of cloud computing

3-Have adequate skills for developing cloud models from existing solutions

4-Have fundamental information on the important subjects of cloud computing