

DJI and Polytechnic University of Turin Join Forces in Education and Research



DJI, a leader in civilian drones and aerial imaging technology, has signed a Memorandum of Understanding with the Polytechnic University of Turin, Italy, in order to establish an official partnership in the fields of education and research. Celebrating the partnership, DJI has launched a short film that shows how drones are being used in a theoretical and practice-oriented academic environment.

The Polytechnic University of Turin is one of the most prestigious Italian and international public education and research institutions and pioneers the latest technology in all sectors of architecture and engineering. It has been involved in drone technology since 2006. It is one of the first European higher education institutions offering a comprehensive drone curriculum.

New drone mapping course

The new drone mapping course consists of modules which teach Bachelor students a range of different disciplines such as fundamentals related to drones, leveraging drones to acquire image data for surveying/mapping, architectural 3D modelling, disaster reconstruction as well as environmental engineering. The course content also prepares students to critically assess surveying procedures and obtainable results leading to actionable insights.

"The drone course allows future architects and engineers to use UAV platforms in their profession," said Professor Sebastiano Foti, Vice Rector for Education at Polytechnic University of Turin. "There are multiple applications in which drones can make a huge difference to their work in terms of efficiency and effectiveness."

Setting the industry standards

The signed MoU lays out the key principles for the cooperation. DJI and the University will work together on setting the industry standards for drone curriculums including best practices for enterprise applications. In addition to that, they will collaborate on utilising different customisation components for new commercial drone solutions.

"The success of our industry will depend on how young professionals will use drones in their future working environment," said Tautvydas Juskauskas, Public Business Development Manager at DJI EMEA. "The Polytechnic University of Turin serves as a great example of a real commercial drone ecosystem, by providing an infrastructure for drone education, drone research and innovation. We are very proud to support the University because the drone curriculum provides students and researchers with a solid theoretical and practical foundation for forthcoming enterprise solutions."

