



Program and Degree: BSc in Aerospace Engineering	
Course Description	
Course Title	Technical Drawing II
Prerequisites	Technical Drawing I
The course aims	<p>Students' acquaintance with the principles and methods of technical drawing for engineers</p> <ol style="list-style-type: none"> 1- Ability to plot Drawing for an object and piece 2- Ability to read and understand an industrial Drawing and information on it 3- Ability to work with drawing software
Contents	<ol style="list-style-type: none"> 1- An introduction of International Standards of Drawings 2- Principles trigonometry: displaying a point and a line and a plane, the method of rotation and variation of a view, different states of the lines relative to each other, the intersection of the lines, the line with the plane, the planes together, the intersection of objects and the spread of the intersection of objects and expansion of a sphere. 3- Drawing a perspective image (one point, two-point, normal, and free) 4- Drawing of mounted devices (Airplanes and their components) 5- Sizing of a Drawing, tolerances and surface signs and applying construction methods 6- Learning of a drawing software
Duration	1 Semester (16 weeks)
Course Hours	4 hours/week
Course Type	Required