



Program and Degree: BSc in Aerospace Engineering	
Course Description	
Course Title	Technical Drawing I
Prerequisites	None
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 to the industrial drawing and its application, the definition of the image, and drawings of a point, line, page, and volumes, the introduction of projection of an image, the principles of drawing three project. 2- Drawing instruments, dimensions and standards of drawing paper, types of lines and their application, Drawing charts table. 3- Drawing an image for simple models, sizing of a drawing, and the use of numbers and letters, the definition of the section and its related rules, the types of sections. 4- View and its types (isometric, dimetric and threemetric), vertical View, incline and Kavwalir 5- Connectors Drawing: Bolts, Rivets, Welds, 6- The way to draw a map of mounted devices 7- Learning of a drawing software
Duration	1 Semester (16 weeks)
Course Hours	4 hours/week
Course Type	Required