Date:	Examination No.:	Version:	Start: 31/1/2022

Module Name - Code	**Computer Applications (AutoCAD) -**
Module Language:	English
Responsible:	M. Polla Dilshad Ibrahim
Lecture (s):	M. Polla Dilshad Ibrahim, M. Ahmed Nozad, M.Eillen Najib
College:	College of Engineering – Salahaddin University
Duration:	15 week –2nd semester
Course outcomes:	This course helps students to be familiarized with current approaches of Computer Aided Design CAD and Computer Aided Modelling CAM. The students will be prepared to utilize AutoCAD software in an efficient and effective way for both university level of studying and professional practice in private sector. AIMS: To introduce students to using computers and architectural software such as AutoCAD. To upgrade students' abilities to distinguish between design and CAD. To introduce students to present their projects using computer skills.
Course Content:	Introduction to AutoCAD , Course out line , Installing AutoCAD on students laptops, Starting Basic Drawing Skills, Navigating 2D Drawings,Drawing Lines and Rectangles,Canceling, Erasing, and Undoing, Using Coordinate Systems, Drawing Circles, Arcs, and Polygons,Filleting and Chamfering Lines, Working with Layers, Editing Entities, Using Drawing Aids, Shaping Curves:, Working with Blocks and Xref:, Hatching and Gradients:,Creating and Editing Dimensions.
Literature:	▪ Key references: AutoCAD for Dummies (Book) Mastering AutoCAD and AutoCAD LT (Book) ▪ Useful references: AutoCAD and AutoCAD LT Essentials (Book) ▪ Magazines and reviews (internet): Online tutorials http://www.cadtutor.net/ www.youtube.com https://thesourcecad.com/autocad-tutorials/
Type of Teaching:	1 hr theory 3 hrs practical in laboratory
Pre-requisites:	
Frequency:	Yearly in spring semester
Requirements for credit points:	For the award of credit points it is necessary to pass the module exam. Students have to attend the lectures to fully understand the program components and capabilities in the theoretical part, later on they will be asked to practice what have been explained in the practical part. In the most lectures, students' class works are assessed and marked. Homeworks MidTerm Exam **Student's attendance is required in all classes.**
Credit point:	5
Grade Distribution:	The Grade is generated from the examination result(s) with the following 25% Midterm practical exam 25% class evaluation +(home works)+ Class activity+ quizzes) 50% Final Exam
Work load:	The workload is 150h. It is the result of 60h attendance and 90h self studies.