

1. Course Name:					
Computer Application - Auto CAD					
2. Course Code:					
CIV41105					
3. Semester / Year:					
First Semester - Forth Stage					
4. Description Preparation Date:					
8-12-2025					
5. Available Attendance Forms:					
6. Number of Credit Hours (Total) / Number of Units (Total)					
4					
7. Course administrator's name (mention all, if more than one name)					
M.M.Makarim Noori Ali					
8. Course Objectives					
Course Objectives	The main objective for learning AutoCAD is to develop skills for creating precise 2D and 3D technical drawings, designs, and models, enabling professionals to produce accurate documentation for various industries like architecture, engineering, and manufacturing, by mastering the software's interface, drawing/editing tools, layering, and annotation. Ultimately, it's about gaining proficiency to translate complex ideas into visual, professional blueprints, often leading to certification and enhanced career opportunities as a draughtsman or designer				
9. Teaching and Learning Strategies					
Strategy	1-start with fundamentals like interface, units, and basic 2D tools (Line, Circle, Trim) through guided tutorials, then practice daily by recreating simple drawings from online resources to build muscle memory 2-Progress to layers, blocks, and dimensions, then tackle complex projects like floor plans, constantly experimenting with features, asking questions in forums, and building a portfolio for real-world application				
1. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	4	Learn student about Auto CAD program	Introduction for the program and the drawing short key using for drawings	Theoretical and Practical	Several way (exam, quizz, home work)

2	4	Class work for using short key Auto CAD	Drawings types of lines, rectangles, ellipse, circles by using short key Auto CAD 2 - D	Theoretical and Practical	Several ways (exam, quizz, home work)
3	4	Class work for using short key Auto CAD	Drawings types of lines, rectangles, ellipse, circles by using short key Auto CAD 2-D	Theoretical and Practical	Several ways (exam, quizz, home work)
4	4	Class work for using short key Auto CAD	Drawings types of lines, rectangles, ellipse, circles by using short key Auto CAD 2 - D	Theoretical and Practical	Several ways (exam, quizz, home work)
5	4	Class work for using short key Auto CAD	Drawings types of lines, rectangles, ellipse, circles by using short key Auto CAD	Theoretical and Practical	Several ways (exam, quizz, home work)
6	4	Class work for using short key Auto CAD	Drawings types of home with different types of dimension 2-D Work	Theoretical and Practical	Several ways (exam, quizz, home work)
7	4	Class work for using short key Auto CAD	Drawings types of home with different types of dimension 3-D Work	Theoretical and Practical	Several ways (exam, quizz, home work)
8	4	Class work for using short key Auto CAD	Drawings types of home with different types of dimension 3-D Work	Theoretical and Practical	Several ways (exam, quizz, home work)
9	4	Class work for using short key Auto CAD	Drawings types of home with different types of dimension 3-D Work	Theoretical and Practical	Several ways (exam, quizz, home work)
10	4	Class work for using short key Auto CAD	Drawings types of home with different types of dimension 3-D Work	Theoretical and Practical	Several ways (exam, quizz, home work)
11	4	Class work for using short key Auto CAD	Drawings types of home with different types of dimension 3-D Work	Theoretical and Practical	Several ways (exam, quizz, home work)
12	4	Class work for using short key Auto CAD	Drawings types of home with different types of dimension 3-D Work	Theoretical and Practical	Several ways (exam, quizz, home work)
13	4	Class work for using short key Auto CAD	Drawings types of home with different types of dimension 3-D Work	Theoretical and Practical	Several ways (exam, quizz, home work)
14	4	Class work for using short key Auto CAD	Drawings types of home with different types of dimension 3-D Work	Theoretical and Practical	Several ways (exam, quizz, home work)
15			Final Exam		

2. Course Evaluation

3. Learning and Teaching Resources

Required textbooks (curricular books any)	Hand Book of Auto Cad
Main references (sources)	
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	

Course Description Form