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| **Date:** | Examination No.: | Version:2022-2023 | Start:1/9/2022 |
| **Module Name - Code** | **Working Drawing** |
| **Module Language:** | English |
| **Responsible:** | **Assis. L. Vian Sabr** |
| **Lecture (s):** | **Assis. L. Sidra Salah****Assis. L. Faten Rezwan****Assis. L. Saya Jamal****Assis. L. Suham Musheer****Assis. L. Glvan Tahseen** |
| **College:** | College of Engineering – Salahaddin University-Erbil |
| **Duration:** | 15 week – 1 semester |
| **Course outcomes:** | Design is the basic requirement in architectural department, thus, students should learn how to design various types of buildings. On the other hand they should be qualified in order to illustrate their design through drawing sheets which would be used in the site for executing the project.The students would be able to supervise over the projects as they should learn how to connect between various fields in engineering.* They would also learn how to design the projects which could be executed in the site not just which is present in their imagination as an impossible thing to be realized. The students would understand the requirements of site drawings.
* They would have comprehensive abilities to analyze and make strategy for modular system and dimensions.
* They will have better imagination about the building structure and details.
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| **Course Content:** | Site Plan, Foundation Plan1- Two Plans ( Basement + Ground ) 1:100, 2- Detail Of Foundations 3- Table Of Materials ( Qualities + Quantities ) ,Dimensions Plan 1- Four Plans: (Full Dimensions + Levels + Room Numbering+ Axes+ Fixed Furniture +Area + Text)2- Table of Rooms Numbering & Areas ,Slab Reinforcement Plan (Three Plan) 1:50 Elevations (Four) 1:50 1- Part Of Elevation With Scale 1:25, Openings Plan (Three) 1:50 1- Table Of Doors 2- Table Of Windows 3- Details ( All Type Of Openings ), Finishing Plans (Three) 1:50 1- Table of Finishing 2- Details of All Space Finishing, Sections (Two Minimum) 1:50 |
| **Literature:** | * TIME SAVER STANDARD FOR BUILDING CONSTRUCTION.
* ARCHITECTURAL WORKING DRAWINGS.
* GRAPHIC STANDARD.

CONSTRUCTION TECHNOLOGY BOOK. |
| **Type of Teaching:** | 4 hrs. in lectures |
| **Pre-requisites:** | None |
| **Preparation Modules:** |  |
| **Frequency:** | Fall Semester  |
| **Requirements for credit points:** | For the award of credit points, it is necessary to pass the module set presentations and exams. It contains:The module has weekly works, assignments, pre final and final presentations for the required project set.**Student's attendance is required in all classes**. |
| **Credit point:** | 4 |
| **Grade Distribution:** | The following grade system is used for the evaluation of the module exam: The module exam is based on the summation of two categories of evaluations:**First: (80%)** of the mark is based on the academic semester effort which includes * Midterm Exam. - 10 %
* Weekly Presentation - 25 %
* First Presentation - 15 %
* Final Presentation - 30 %

**Second: (20%)** of the mark is based on final examination that is comprehensive for the whole of the study materials reviewed during the academic semester. |
| **Work load:** | The workload is 110 hrs. It is the result of 60 hrs. attendance and 50 hrs. self-studies (Assignments, preparation for project set and applications). |