



AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH (AIUB)

Faculty of Engineering

Bachelor of Science in Electrical and Electronic Engineering (EEE)

BAE 2101: Computer Aided Design and Drafting

1.0 Title

Design a civil plan with electrical fitting & fixture according to BNBC of an University canteen using AutoCAD 2007.

2.0 Objectives

In this experiment, student will design the civil plan of a AIUB food-court/canteen in AutoCAD with Electrical Fittings according to Bangladesh National Building Code (BNBC).

3.0 Experiment to Solve

The experiment should be designed by the students following below mentioned requirements:

1.	Draw a Civil Plan of an ideal university food-court/canteen of total 6400 SFT (approx.) using AutoCAD 2007 Software.	[P1]	20 points
2.	Draw the Electrical Fittings for the civil plan consist of necessary electrical fittings applying BNBC.	[P4] [P5]	10 points

4.0 Lab Project Submission

Course Name:	COMPUTER AIDED DESIGN AND DRAFTING	Course Code:	BAE 2101
Semester:	SPRING 2022-2023	Section:	H
Faculty:	Tahseen Asma Meem	OEL/Project	1
Assessment:	OEL (CO2 & CO3), POI: P.e.1.C6		
Submission	2nd May 2023, 10 AM		

Deadline:	Submission link: https://docs.google.com/forms/d/e/1FAIpQLSfMr5AWebSMB_40Zt5vhizgZ0m1AeIdmV2BAXUCFHI4FcdDhQ/viewform?usp=share_link
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Category	Unsatisfactory (1-5)	Below Average (6-10)	Good (11-15)	Excellent (16-20)	Secured Marks
Civil Plan	The civil plan is either copied or very poor with major errors.	The civil plan is below average or incomplete with major errors.	The civil plan is drawn partially as per requirement with minor errors	The civil plan is unique and drawn as per requirements with proper dimensions	
Comments		Total Marks:			

Category	Unsatisfactory (0-3)	Below Average (5)	Good (7)	Excellent (8-10)	Secured Marks
Electric Fittings	The fittings are incomplete or copied	The fittings are drawn or placed inappropriately without maintaining BNBC	The fittings are drawn and placed appropriately with partially complying to BNBC	The fittings are placed appropriately and maintaining BNBC	
Comments		Total Marks:			

SL #	ID	Student Name	Department	Marks
1.	22-46207-1	RAFSAN MAHMUD	CSE	
2.	22-49607-3	MONAYIM RAHMAN	CSE	
3.	22-46650-1	MD. SHAHRIAR ZAMAN	CSE	
4.	22-46867-1	FARHANA FARUK	CSE	
5.	22-46705-1	MALEK AL JULKAR NINE	CSE	
6.	22-49041-3	NASIF SAFWAN	CSE	

ATTACH SCREENSHOTS FROM NEXT PAGE:

