Bim 4D & 5D COURSE

(cost and time control & co-ordination and clach detective)

☒ *Instructor NAME & JOB DISCRIPTION*

- ***ENG | Ibrahim kabeel***

Autodesk certified instructor

Cad & Bim instructor

Bim specialist

❖ *Target group*

- ☒ ***STR , ARC , & MEP ENGIEERING***
- ☒ ***BIM ENGINEERS***
- ☒ ***EVERY ENGINEERING WORK IN COST STIMATION & MANAGEMENT***
- ☒ ***STUDENT WHICH IN 4TH YEAR***
- ☒ ***EVERYONE IS INTERESTED IN BIM.***

❖*COURSE DURATION*

10 LECTURE " ONE MONTH"

❖ *COURSE CONTENT :*

The course will be three parts and can be increased:

❖ *FIRST PART :*

- ☒ *BIM LIFE CYCLE*
- ☒ *WORKING IN PROGRAMEES*
- ☒ *STUP SOFT WARS " REVIT 2019 – NAVIS 2019 _EXCEL _DYNAMO "*
- ☒ *REVIT LINKS*
- ☒ *COLLABRATION*
- ☒ *NAVIS WORK OPTION*
- ☒ **NAVIS WORKS INTRFACE**
- ☒ **FROM AND TO REVIT & NAVIS WORKS**
- ☒ **SOME IMPORTANT TOOLS**

❖ *SECOND PART :*

- ☒ *BIM LIFE CYCLE*
- ☒ *CONCEPT OF WORKS*
- ☒ *FOLDER SYSTEM*
- ☒ *CO-ORIDATION SYSTEM*
- ☒ *CO-ORIDATION MATRIX*
- ☒ *NAME CONVESION*
- ☒ *CO-ORDIATION IN REVIT*

- ☒ *CO-ORDIDATION IN NAVIS*
- ☒ *CONCPT OF CLASH REPORT*
- ☒ *EXTRACT REVIT & NAVIS REPORTS*
- ☒ *SOLVING CLASHES MANUALLY*
- ☒ *SOLVING CLASHS BY DYNAMO*
- ☒ *WORKING & CONTROL IN TEST OF CO-ORDINATION*
- ☒ *CHECK ERRORS _ CLOSING*
- ☒ *TIME SCHEDULE SYSTEM*
- ☒ *HOW I CALCULATE DURATION PROCESS IN PROJCT*
- ☒ *LINK TIME SCHDULE WITH REVIT MODEL IN NAVIS WORK*
- ☒ *IMPORTANT DURATION FROM XEL*
- ☒ *EXPORT DURATION TO EXCEL*
- ☒ *SYSTEM WORKING OF EXPORT FROM PRIMAVERA TO NAVIS*
- ☒ *PROBLEM IN EXPORTING FROM PRIMAVERA TO EXCEL*
- ☒ *COST ESTIMATION SYSTEM*
- ☒ *HOW TO CALCULATE COST OF PROCESS*
- ☒ *QUANTIFICATION IN REVIT & NAVIS WORK*
- ☒ *COST IN REVIT*
- ☒ *DIRECT COST & INDIRECTCOST IN EXCEL*
- ☒ *ADDING DIRECT COST & INDIRECT COST IN NAVIS*
- ☒ *HOW TO IMPORT COST FROM EXTERNAL FILE*

❖*PART THREE :*

- ☒ *FINAL WORKING*
- ☒ *SIMULATION 4D TIME*
- ☒ *SIMULSTION 5D COST*
- ☒ *MERGE 4D & 5D COST & TIME CONTROL*
- ☒ *TIP & TRICK IN SIMULATION*

❖ *FINALLY*

- ☒ *WHAT IS NEXT ?*
- ☒ *CERTIFICATE*
- ☒ *END COURSE*

❖ *PROGRAMMS*

" REVIT 2019_ NAVIS2019_ DYNAMO _ EXCEL _ COMTASIA STUDIO"

❖ *PROJECTS*

3 PROJECT