Course Title: Building Information Modeling – Basic

Course Description:
Introduction to 3D building structure modeling environment and basic modeling and drawing functions.

Course Prerequisite(s):
Basic computer user skills: keyboard, mouse.

Course Objectives:
Demonstrate setting job specific information, creation of ABM/MO, connections, interactive detailing, numbering basics, reports basics, and creation of drawings.

Textbook(s): OPTIONAL
BIM Handbook, 2nd edition
Wiley; 978-0-470-54137-1

Next Class Possibilities:
Building Information Modeling – Intermediate

Lesson Plan – by week or session
Session 1: Introduction to BIM tools and processes
Session 2: Overview of major BIM model generating systems
Session 3: Introduction to Autodesk Revit® Architecture – 1 of 2
Session 4: Autodesk Revit® Architecture – 2 of 2
Session 5: Introduction to Tekla® Structures – 1 of 2
Session 6: Tekla® Structures – 2 of 2
Session 7: Introduction to Design Data SDS/2® – 1 of 2
Session 8: Design Data SDS/2® – 2 of 2
Session 9: Stakeholders: Owners, Architects, Engineers, Construction Industry
Session 10: The Future: Building with BIM