

CCET 3708 - Building Information Modeling

Fall 2026 Syllabus, Section 01, CRN 43580,

Credit hours: 3

Instructor

Joseph Steines

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Public Instructor Information

Instructor Title: Joseph Steines

Instructor Professional Qualifications:

Bachelor of Architecture, Kent State University, 2003

Bachelor of Science, Architecture, Kent State University, 2001

Registered Architect, Autodesk Revit Certified

Instructor Office Location: Moser 4th Floor

Instructor Office Phone: 330.647.1488

Course Description

3708. Building Information Modeling. Introduction and applications of Autodesk Revit 3D CAD program. Use of Revit software to assemble a complete building information model of a building and use the model to coordinate systems between disciplines, to create material take-offs, construction documents, and presentation drawings. Two hours lecture, three hours lab per week. Prereq.: "C" or better in CCET 3706. 3 s.h.

Course Readings

Group	Title	Author	ISBN
Optional	Mastering Revit 2026	Arlen Driskill	9798185532591

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Day	Date	Proposed Topic	Due/To Prepare for Class
Mon	8/24	Intro and Overview	
Mon	8/31	View / walls / modification tools	
Mon	9/7	Wall types / doors / windows / curtain walls	
Mon	9/14	System families (Roof / Floor / Ceilings / Stairs)	
Mon	9/21	Graphic control, Rooms, and Annotation	
Mon	9/28	Component Families 2d	
Mon	10/5	Component Families 3d	
Mon	10/12	Schematic Design / solids	
Mon	10/19	Presentations	
Mon	10/26	Advanced wall and roof	
Mon	11/2	Details and wall sections	
Mon	11/9	Schedules	
Mon	11/16	Structural	

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.