Instructor: Marla Smith marlasmith@utexas.edu
Office Hours: TU, TH 11:30-12:30 GOL 2.206

Prerequisites:
Restricted to Architecture and Engineering students. Open to other majors with instructor’s consent.

Description: In this class you will explore the creation, iteration, and representation of Building Information Models with the option of utilizing various software platforms and representation methods including: Revit, Rhino, Dynamo, Enscape 3D, CNC Knife, Laser Printing, 3D Printing, Analog Models, Oculus Gear VR.

Hardware: Class will be held in the computer lab in WMB 1.110.

Software: You may download and install the lab versions of Revit on to your own computer. These programs are available from Autodesk for students at no charge. We will be using Rhino and Enscape 3D on a limited basis and they are available on the lab computers.

Evaluation:
Attendance: Two unexcused absences will result in the lowering of your grade by one letter. Three unexcused absences will result in a grade no higher than a C and my recommendation that you drop the course. Five unexcused absences = F.

Progress: Everyone is starting out at differing levels of proficiency therefore your grade will be based on relative progress.

Assignments: There will be two projects. You should complete the projects by the beginning of class on the due date.

Grades:
X Excused Incomplete - Can be given only for legitimate reasons of illness or family emergency. Simply not completing work on time is not an adequate cause for assigning this evaluation. It may only be used after consultation with the Associate Deans’ offices and with an agreement as to a new completion date. Work must be completed before the second week of the next semester in which you are enrolling, according to the School of Architecture policy.

F Fail - Project is unresolved. Minimum objectives are not met. Performance is not acceptable. Note that this grade will be assigned when you have excessive unexcused absences.
C-, D Poor - Project is incomplete. Basic grasp of skill is lacking, visual clarity or logic of presentation are not level-appropriate. Student does not demonstrate the required competence and knowledge base.

C+/C Average - Project meets the minimum requirements. Suggestions made in class and not pursued with dedication and rigor. Project is incomplete in one or more areas.

B-/B/B+ Above Average - Project is thorough, well presented, diligently pursued, and successfully completed. Student pursues ideas and suggestions presented in class and puts in effort to resolve required projects. Project is complete on all levels and demonstrates potential for excellence.

A/A- Excellent - Project surpasses expectations in terms of inventiveness, appropriateness, visual language, conceptual rigor, craft, and personal development. Student pursues concepts and techniques above and beyond what is discussed in class. Project is complete on all levels.

Resources:
Lynda.com (free tutorials for current UT Students)
Video Tutorials included in assignments
Autodesk Design Academy,  https://academy.autodesk.com/software/revit

Accommodations:
At the beginning of the semester, students with disabilities who need special accommodations should notify the instructor by presenting a letter prepared by the Services for Students with Disabilities Office. To ensure that the most appropriate accommodations can be provided, students should contact the SSD Office at 471-6259 or 471-4641 TTY.

Policy on Scholastic Dishonesty:
Students who violate University rules on scholastic dishonesty are subject to disciplinary penalties, including the possibility of failure in the course and/or dismissal from the University. Since such dishonesty harms the individual, all students, and the integrity of the University, policies on scholastic dishonesty will be strictly enforced.
### Building Information Modeling/Representation Arc F350R/F386M

**Instructor:** Marla Smith  
**marlasmith@utexas.edu**  
**Office Hours:** TU, TH, 11:30-12:30, GOL 2.206  471.0708  
**TA:**

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<th>Week</th>
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<tbody>
<tr>
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<td>Foundation Orientation A00, A01 Pattern Analysis/Development</td>
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<td>WK2</td>
<td>7/24</td>
<td>Parametric Explorations A02a System</td>
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**Assignment Points**

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