

# TAR: TECHNICAL ARCHITECTURE

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<b>Courses</b>	Credit(s)	Contact	Lab
TAR 1120C. ARCHITECTURAL DRAWING I.	3	2	2
ARCHITECTURAL DRAWING I Prerequisite: BCN 1303C Covers residential design and wood frame construction with additional study in aspects of housing, aesthetics and working drawings. Students prepare assigned drawings. (Special Fee: \$28.00).			
TAR 2033C. ARCHITECTURAL DESIGN.	3	2	2
ARCHITECTURAL DESIGN Prerequisites: TAR 1120C Introduction to architectural planning and design. Use of project team concept. Student projects include shopping centers, industrial complexes, production facilities, apartment complexes, high-rise buildings, etc. Students prepare necessary drawings to construct project, including site plan, building plans, sections, etc. Students also build model of their project. (Special Fee: \$28.00).			
TAR 2170C. INTRODUCTION TO ARCHITECTURAL REVIT.	3	2	1
INTRODUCTION TO ARCHITECTURAL REVIT Prerequisite: TAR 1120C or Departmental Approval This hands-on, lab-based course introduces students to the use of Building Information Modeling (BIM) techniques to generate digital models of buildings. Information associated with BIM models is used throughout the life-cycle of a building, from design and documentation to construction and facility management. Primary focus is on developing basic skills in using AutoDesk Revit Architecture software to model actual projects.			
TAR 2171C. ADVANCED ARCHITECTURAL REVIT.	3	2	1
ADVANCED ARCHITECTURAL REVIT Prerequisite: TAR 2170C or Departmental Approval This hands-on, lab-based course exposes students to the use of advanced Building Information Modeling (BIM) techniques to generate digital architectural models. Information associated with BIM models is used throughout the lifecycle of a building, from design and documentation to construction and facility management. Primary focus is on developing advanced skills in using AutoDesk Revit Architecture software to model actual projects.			