

CONSTRUCTION MANUFACTURING MINOR

The Construction Manufacturing Minor (MCMG) is designed to expose students to controlled, manufacturing environments for the construction of built systems and components. The coursework provides an understanding of barriers related to prefabrication, preassembly, modularization, and off-site fabrication (PPMOF) construction practices, which are rapidly becoming standard practice for complex vertical construction projects. Concepts related to basic manufacturing processes, tolerance analysis and ANSI standards for manufacturing will be covered, along with effective personnel management and economic strategies for successfully operating off-site construction ventures.

Course	Title	Credits
MANF1000	MANUFACTURING PROCESSES	4
MANF2000	COMPUTER AIDED MANUFACTURING	3
CONM2500	BUILDING SYSTEMS	4
MECH2300	ENGINEERING GRAPHICS	3
PSYC4552	INDUSTRIAL ORGANIZATION PSYCHOLOGY	4
ECON ELECTIVE		3 OR 4
Total Credits		21-22