

# DDT 252 : Mechanical Electrical & Plumbing

This course provides an introduction to the fundamentals of Mechanical, Electrical and Plumbing concepts using the Building Information Modeling (BIM) The instructor will use lecture, discussions, and hands-on practices (based on real customer scenarios) to teach students techniques for initiating a Building Information Model (BIM) project, recommended workflows and basic skills required to layout electrical systems, solving common issues, and use its tools to create and modify discipline specific MEP systems and parametric engineering components. Given a complete architectural building model (as a reference), the student will be able to produce a commercial BIM design that contains functional electrical systems. The student will then be able to extract 2D drawings for construction documents. (Offered Summer Semester)

**Credits** 3

**Prerequisites**

[DDT 109](#)