

MORRISON TECH - DUAL ENROLLMENT



Morrison Tech

Fulton High School offers juniors and seniors the opportunity to take two dual enrollment courses each year through Morrison Tech (MIT) in Morrison, Illinois. Students taking these courses will earn FHS credit, as well as credit from MIT. **Cost per MIT course is between \$100-\$300, plus the cost of a textbook and any other course materials that are required.** There are 2 programs of study at Morrison Tech, 1) Engineering Technology and 2) Network Administration. Students are transported each day first block to MIT where they can complete the following classes:

ENGINEERING TECHNOLOGY

DT108 - Principles of Engineering: Projects and Concepts – First Semester

A project driven course that will introduce students to aspects of the different engineering technology fields, including mechanical, construction and civil engineering. Students will work in individual and group settings to complete a variety of projects including hands-on activities that reinforce topics they are studying. Skills that will be used include problem-solving, 3D Printing, robotics, teamwork, construction, and design.

DT114 – AutoCAD 1 – Second Semester

This course will provide an introduction to the use of Autodesk's AutoCAD software package. It will present all basic 2D and 3D commands used for drawings, editing, display controls, layering, dimensioning, and plotting. It will also provide coverage of entity properties and handling and utilities.

DT222 – 3D Modeling – Third Semester

This course covers 3D elements of the Autodesk software including the use of parametric solid modeling and surfacing, assembly modeling, creating 3D digital prototypes, and 2D orthographic development from 3D drawings.

DT213 – Architectural CAD – Fourth Semester

This course uses AutoDesk's AutoCAD Architectural software package to create 3-dimensional models of multi-story commercial structures. The course includes topics such as creating walls, roof construction, door and window insertion, casework, symbols, schedules, stairs, documentation, 2D working drawings, and 3D presentation drawings.