MCDESG-114 SolidWorks 1 (2 credits), STEM Pathway

This course introduces parametric solid modeling using SolidWorks software. Students focus on part modeling and assembly skills with an emphasis on design. Detail drawing with dimensioning and rapid prototyping techniques are also introduced.

A pair of performance exams would be administered by one of the Mechanical Design Instructors. These exams (three hours each) may be taken together or separated by up to two weeks. These times will be during the semester at the downtown campus.

Only one attempt at each exam is allowed. The average of the two exams must be at least 85% to be accepted.

A study guide can be provided, if requested, two weeks ahead of taking the exams.

Test Administrator:
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Test 1 Covers	Test 2 Covers
Extrudes, Revolves, Rounds & Chamfers, Hole Wizard, Patterns, Reference Geometry	Orthographic Drawings, Section Views, Dimensions, Notes Assemblies, Smart Fasteners Assembly Orthographics, Exploded Views, Bills of Materials, Item Balloons Drawing Properties for Title Blocks