

Ward Melville Technology Education

Mechatronics Technology

Mechatronics V is a full year hands on elective class designed to continue student learning in the machining processes. This is accomplished through a hands-on approach where students will be designing and manufacturing the parts.

Topics covered will include:

- Safety in the Mechatronics lab.
- G Code for the Mill
- G Code for the Lathe
- Advanced CNC Lathe Operation
- Advanced CNC Milling Operations

In Mechatronics students are required to use Moodle for all homework and exams assignments.

Requirements and expectations

Students are:

- required to be in class every day on time
- to have a note book exclusively for this class only
- USB Drive
- to pass a safety exam and wear safety glasses whenever in the lab
- abide by all safety rules
- complete all written assignments in a timely manner
- use all tools and machines in the manner for which they were intended
- to show respect for the classroom, equipment, and each other

Grading:

Students will be graded on the following:

Exams	20%
Reports	20%
Test	20%
Class/lab participation	20%
Projects	20%

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