

INDUSTRIAL ARTS DEPARTMENT			
COURSE	#	GRADE	PREREQUISITE
Industrial Technology I	IN5051/IN5052	9	None
Industrial Technology II	IN5061/IN5062	10 -12	None
<b>THESE CLASSES ARE OPEN TO BOTH MALE AND FEMALE STUDENTS</b>			
<b>STUDENTS WILL BE REQUIRED TO PURCHASE AND WEAR SAFETY GLASSES IN LAB-ORIENTED CLASSES</b>			

**INDUSTRIAL TECHNOLOGY I IN5051/IN5052 GRADE 9 FULL YEAR**

The organization of subject matter in this program will provide opportunities for experience concerned with developing insights into technology; it's evolution, utilization, systems and significance, and it's social and cultural impact. Most of the work in this class will involve problem solving projects such as designing and building a marble maze, working with projects involving the hands on use of a wind tunnel, building and racing CO/2 race cars and many other problem solving projects. This class is opened to 9<sup>th</sup> and 10<sup>th</sup> grade boys and girls.

**INDUSTRIAL TECHNOLOGY II IN5061/IN5062 GRADE 10 - 12 FULL YEAR**

Technology II will continue and enhance areas covered in Technology I. It will also expand the student's knowledge of skills in technology in our society. The areas to be stressed are transportation (auto), welding, woods, drafting, and electricity. As part of the learning process students will be required to: 1. Draw a project, 2. Fill out a bill of materials and procedures, 3. Purchase their own materials needed, 4. Complete the project.

COURSE	GRADE 11 - 12	PREREQUISITE
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**Auto Mechanics** 11 - 12 Must have Principal/Instructor Approval

(Shared Program with Mt. Morris Schools)  
Intro & Advanced Auto Mechanics are two hour block courses. Students will be working with Mt. Morris students in a shared program at MtMorris High School. Intro will be offered first semester and Advanced will be offered second semester. *Students must provide their own transportation.*

**PREREQUISITE:** Student must have principal/instructor approval.

**Home Construction Project** IN5301/IN5302 11 - 12 Must have Principal/Instructor Approval

(Shared Program with Mt. Morris Schools)  
Home Construction Project is a two hour block course. Students will be working with Mt. Morris Students in a shared program actually working on the construction of a house. *Students must provide their own transportation.*

**PREREQUISITE:** Student must have principal/instructor approval.