

## INDUSTRY & TRADE COURSES

**202 Advanced Wood Technology** One Semester Grades 9-12  
Prerequisite: Industry & Trades - Woods

This course provides more extensive laboratory time not available in Industry & Trades - Woods. Emphasis will be placed on problem solving through process technology. Design and planning skills will be broadened. Layout skills, stock calculation and other operations will be improved. Text information is provided to further develop understanding of this area.

**203 Advanced Metal Technology** One Semester Grades 9-12  
Prerequisite: Industry & Trades - Other

This course provides more extensive laboratory time not available in Industry & Trades - Other. Emphasis will be placed on problem solving through process technology. Design and planning skills will be broadened. Layout skills, stock calculation and other operations will be improved. Text information is provided to further develop understanding of this area.

**235 Drafting I** One Semester Grades 9-12

Since almost everyone is exposed to drawings, diagrams and various other schematic information, this class will allow students to explore many related options. Students will produce various drawing types to develop or improve their visual communication skills. These skills often have value in interpretation or application in their future.

**236 Drafting II** One Semester Grades 9-12

This course will allow students to build on existing skills and develop new ones. They will explore areas such as architecture, interior design, assembly, detail, circuits and CAD. Students will work on some drawings from the listed areas, but most of the course allows personal exploration through approved self-generated work related to future goals.

**234 Explore Drafting** Nine Weeks – Enrichment Grades 9-12

The universal language of drafting is used to describe and detail almost every item we deal with in our daily lives. Using a sketching-and-drawing approach, discover how this area intersects with your life now and in career options, such as drafting, interior design, engineering, construction trades or industry.

**232 House Repairs You Can Do** Nine Weeks - Enrichment Grades 9-12

Your future will likely involve home, condo or rental property ownership. Minor repairs and remodeling are often needed. Using a hands-on approach, learn the basics now. Work with drywall, electrical, storage, plumbing, tile, caulking and painting. Save money in your budget and increase value when you sell. This course is helpful to both young men and women.

**230 Industry & Trades - Woods** One Semester Grades 9-12

This course will provide a brief look into the use of wood in our society. Students will receive information and develop skills which will allow them to draw, plan and build a small product such as a nightstand. Safety rules are learned and applied in this class.

**231 Industry & Trades - Other**

One Semester

Grades 9-12

Explore metalworking, electricity, plastics, graphics and power and their impact on our daily lives. Search for opportunities that might fit you. Discover intersects between the areas. Lab time is given to alter and work with materials.

**233 Practical Look at Technology & Jobs**

Nine Weeks – Enrichment

Grades 9-12

The American dream has always included words such as improved, better, more and similar. They are associated with words like job, housing, products, services and lifestyles. This course will allow students to explore possible life paths in manufacturing, construction, transportation and some of the service areas. Critical thinking, problem solving, and hands-on group work will be used in this exploration.