

## **INDUSTRIAL TECHNOLOGY**

The Freshman School's Industrial Technology department offers two courses, Construction Technology and Transportation Technology. Students may take one or both of these courses. These courses will give students an opportunity to explore the careers, trades and skills associated with Transportation and Construction industries. Students will learn to use tools and stationary machines common in these industries. The emphasis is placed on learning to work safely in an industrial setting.

### **CONSTRUCTION TECHNOLOGY**

**9**      **1 credit**      **2 semesters (full year)**      **\$20.00**

Students will learn basic skills associated with home building construction. Students will learn to draw and read building plans (blueprints). Students will construct framed sections of a house and learn to install common electrical applications such as switches, receptacles and lamp holders. Students will have an opportunity to explore other areas such as cabinet making and other trades associated with building construction.

### **TRANSPORTATION TECHNOLOGIES**

**9**      **1 credit**      **2 semesters (full year)**      **\$10.00**

Students will learn about mechanical and electrical systems associated with automotive and other transportation modes. Students will assemble a gas powered engine, build and test an electric motor, construct and launch a solid fueled rocket and experiment with electronic control components.

### **BUSINESS TECHNOLOGIES**

**9**      **1 credit**      **2 semesters (full year)**      **\$20.00**

This class, limited to freshman, consists of business and management principles, use of Microsoft Office 2007, videos, animation, and new technologies. This course will cover areas of business including: Business Law, Economics & Personal Finance, Marketing, Entrepreneurship, Management, Accounting, International Business, Web Research, Technology in Business, Job Interview Skills and Office 2007. This course serves as a foundation for other career, technical, information technology, and business courses you may elect to take in high school or at Butler Tech. This course will assist you with consumer decisions, career exploration, developing a solid technical/business foundation for the future including job interview skills and resume writing. Students are active members in Business Professionals of America, a national organization for business and technical students.

