

## POWER CONCEPTS – INDUSTRIAL TECHNOLOGY 8 Quarter

### **Safety**

Students will read safety instructions on all power equipment.  
Students will watch a demonstration on proper use of all power equipment.  
Students will demonstrate proper use of all power equipment.  
Students will pass safety tests on all power tools at 100% accuracy.

### **Measurement**

Students will learn how to read a ruler to the nearest 1/16".

### **Project Building**

Students will use woodworking tools and machines to build a project.  
Students will use the biscuit cutter to assemble their table top.  
Students will use dado joinery.  
Students will use Kreg Jig joinery in all needed applications.  
Students will demonstrate all finish sanding processes in finishing their project.

### **Project Planning**

Students will learn how to estimate materials and cost. Students will learn to sketch out the necessary views to build a cabinet. Build cabinet boxes.  
Students will use a bill of materials and plan of procedure.

THE STUDENT WILL FOLLOW ALL SAFETY RULES

THE STUDENT WILL RESPECT AND HELP THEIR CLASSMATES