

# **Mountlake Terrace High School**

## **Drafting Technology**

### **Unit 16:**

**Title:** Machine Drawing - Threads & Fasteners

#### **Unit Objectives:**

The student will be able to:

1. Draw American Standard fasteners.
2. Draw American Standard threads.

**Textbook:** *Basic Technical Drawing* by Spencer

#### **Chapter 14:** Threads and Fasteners

**Reading Assignment:** pp. 202-225: Thoroughly study every picture on the pages listed above and read each caption under each picture. Additionally read any sections necessary for clarification of any concept not fully understood through the pictures.

#### **Plate 1:**

p. 216 --> fig. 490-V: Regular Square Bolt and Nut (1/2") -  
dimension 1/2" X 2" length  
fig. 491-V: Regular Hexagon Bolt and Nut (1/2") -  
dimension

#### **Plate 2:**

p. 224 --> fig. 503-1: American Standard Threads & dimension

#### **Plate 3:**

p. 224 --> fig. 503-2: American Standard Threads -  
dimension

#### **Plate 4:**

p. 225 --> fig. 504-2: Nuts & Bolts - dimension