

Machinist Tech 1 & 2

Machining is an exciting new program offered at NHS! Machinists use CAD models, technical drawings, and precision measuring tools to create physical parts to exact specifications using manual & CNC mills and lathes.

Students will:

- Learn and apply shop safety & MSDS per OSHA requirements
- Demonstrate the proper use of basic hand tools
- Read and understand basic blueprints
- Understand and use precision measuring tools: steel rule, dial caliper, micrometer
- Set up and operate a manual lathe
- Set up and operate a manual mill
- Create basic CNC programs
- Apply basic concepts of Speeds and Feeds
- Be able to continue training at the DTech or OTech Machining Program



Grade level: 10, 11, 12

Location: Northridge High School

Course length: 1 semester

Instructor: Kurt Jensen kujensen@dsdmail.net

Credit: 0.5 credit of CTE

Progress Hours towards a Machining Certificate at the Davis Tech College.