

# CNC Machining

## 96-Hour Daytime Training Program

A Computer Numeric Controlled (CNC) Machining program, designed to equip individuals with the skills needed to operate machine tools in modern manufacturing, is scheduled to begin this fall at Yankton's RTEC. This daytime training, which will be held from 8 a.m. to 12 p.m. three days a week, begins Monday, Oct. 16, 2017, and ends Wednesday, Dec. 13, 2017.

During the course, students will work with hand tools, computerized equipment, lathes and mills while learning about CNC interfacing, precision measurement and gauging as well as other entry-level operator concepts. Strong math skills, up to and including a trigonometry level, are recommended.

CNC class instruction will cover the following course standards:

- **CNC mill and lathe set up**
- **Identifying machining processes**
- **Successful machine operation**
- **Utilizing applied measurement and inspection**
- **Interpreting blueprints**
- **Identifying calibration equipment**
- **Reviewing quality control processes**
- **Metallurgy basics**
- **Entry-level Geometric Dimension & Tolerancing (GD&T) concepts**
- **Lathe/mill work holding**
- **Lathe/mill tooling/tool holding**
- **Conventional machine theory**
- **Manufacturing processes (part design & production)**

Before the course ends, eligible students will have an opportunity to earn National Institute of Metalworking Skills (NIMS) Credentialing as well as Haas certificates of completion in specific mill and lathe skill areas.

Because RTEC's CNC Machining course is an approved workforce training program, eligible individuals in need of training to secure employment may qualify for financial assistance through the Workforce Innovation & Opportunity Act (WIOA). Contact your nearest SD Department of Labor and Regulation (DLR) office for more details. To register, please contact RTEC at (605) 668-5700 today! Class is limited to six students.

### **CNC Machining Class Details:**

RTEC's CNC Machining classes will meet from **8 a.m. to 12 p.m. on Mondays, Wednesdays and Fridays** beginning Oct. 16, 2017, and ending on Dec. 13, 2017. **Cost is \$3,195 plus tax.**



**REGIONAL TECHNICAL EDUCATION CENTER**

Be sure to follow RTEC, Inc. on Facebook!

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The Regional Technical Education Center (RTEC) has been recognized as a member of the Haas Technical Education Center (HTEC) Network since July 2016.