Machining technology programs are designed to prepare graduates for careers in the manufacturing industries. Topics include blueprint reading, computer-aided manufacturing (CADCAM), extensive hands-on set up, machine shop math, operating manual lathes and mills, as well as operating and programming CNC machine tools.

Machine tool technology is classified as an evolving occupation and the demand in careers for machinists is projected to remain steady and provide future employment growth and economic competitiveness within Texas.
Representative career titles and job positions for this program plan include:

- Machinist
- Production Machinist
- CNC Machinist

1Median Wage: $39,942


2Position titles vary by employer and location.