

# MACHINING

## CERTIFICATE

### Would you like to quickly develop skills for a high-demand job?

You can complete this 17-credit Riverland program to earn a Machining Certificate in one semester. Our class size will give you easy access to the equipment and tools of the trade. Students learn to fabricate parts by interpreting blueprints and using precision measuring tools. They will make parts to factory specifications and standards. Lathe and mill operation will be mastered by learning proper machine set up, including material speeds and feeds. Shop safety will be covered and the hazards involved using these machines.

This is a hands-on, highly skilled job with many opportunities in the area. Count on gaining practical knowledge in the machining field that employers are looking for.

**Award:** Certificate (CERT) 17 Credits Credits

**Location:** ♦ Albert Lea

**Program Starts:** Spring Start Only

**Course Plan:** One Semester

**Estimated Tuition** 17 cr x \$184.00 = \$3,128.00

**Books:** contact program advisor

**Other Costs:** contact program advisor

#### Faculty & Advisors

- ♦ Bob Bender / 507-379-3343
- ♦ Gary Peterson / 507-379-3358
- ♦ Richard Finley / 507-379-3363

#### Required Core Courses (17 Credits)

IMMR1705	Safety and OSHA	1.00
IMMR1710	Cutting & Drilling Machine	1.00
IMMR1715	Small Tool Usage	2.00
IMMR1740	Lathe Theory I	4.00
IMMR1745	Milling Machine Theory I	3.00
IMMR1750	Blueprint Reading	2.00
IMMR1775	Jigs and Fixtures	2.00
MATH1020	Technical Math I	2.00