



Program of study for:

Production Machining & Fabrication

Racine Unified School District Case, Horlick and Park High Schools Career Cluster: Manufacturing

This program of study plan should serve as a guide in the development of a secondary/post-secondary pathway. Courses listed within this plan are only recommended and are indicative of the courses needed to complete a pathway.



EDUCATION LEVEL	GRADE			
SECONDARY	9	10	11	12
Career Interest Inventory Administered and Program of Study Initiated for all learners				
ENGLISH/ LANGUAGE ARTS	Freshman English	Sophomore English	Junior English	English Elective and/or Speech
MATH	Algebra 1	Geometry	Algebra 2	Statistics or PreCalculus
SCIENCE	Lab Science	Biology	Chemistry (AS)	Physics (AS)
SOCIAL STUDIES/ SCIENCES	US History	World History	American Government	Economics Sociology
CAREER AND TECHNICAL COURSES CENTRAL TO THIS PATHWAY	Machine/ Fabrication Systems 1 & 2 (3770)	Principles of Engineering (POE) Project Lead the Way (3747) Machining/ Fabrication Systems 3 (3771)	Manufacturing Capstone 4 (AS) (3772) Manufacturing/Machining Youth Apprenticeship OJT 1 (3776)	College Placement Assessments-Academic/ Career Advisement Provided (ACT, SAT, etc.) Manufacturing RISE (3773) Manufacturing/Machining Youth Apprenticeship OJT 2 (3777) Welding Boot Camp (D/TR)
AP = Advanced Placement, D/TC = Dual/Transcripted Credit, YO = Youth Options, AS = Advanced Standing				
CAREER AND TECHNICAL EDUCATION COURSES, ELECTIVES, AND STUDENT ORGANIZATIONS RELATED TO THE PATHWAY	<ul style="list-style-type: none"> ◆ Skills USA ◆ FBLA ◆ DECA ◆ Work Based Learning Activities ◆ World Languages ◆ Computer Applications ◆ Webpage Design ◆ Intro to Business ◆ Higher Expectations & Career Portfolio 			

Find More Detailed
Career Pathway
& Post Secondary
Information at:

WICareerPathways.org/students

Post-Secondary Schools that have programs related to this career pathway

Partner Post-Secondary School



Occupations Related to This Program of Study

- Welder**
- Tool & Die Maker**
- Solderer & Brazier**
- Sheet Metal Worker**
- Production Associate**
- Precision Layout Worker**
- Pattern & Model Maker**
- Painter**
- Tender, Cutter/Brazier Machine Operator**
- Millwright**
- Milling Machine Setter**
- Large Printing Press Machine Setter**
- Instrument Maker**
- Hoist & Winch Operator**
- Hand Packers & Packagers**
- Grinding, Lapping & Buffing Machine Operator**
- Foundry Worker**
- Extrusion Machine Operator**
- Extruding & Drawing Machine Operator**
- Electromechanical Equipment Assembler**
- Electrical Installer & Repairer**
- Calibration Technician**
- Bookbinder**
- Automated Manufacturing Technician**
- Assembler**



Racine Unified Administrative Service Center

Career & Technical Education Office

262-631-7088

Please contact program instructor at school

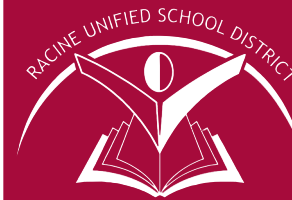
Jl Case High School 262-619-4200
 Wm. Horlick High School 262-619-4300
 Washington Park High School 262-619-4400

It is the policy of the Racine Unified School District, pursuant to s.118.13 Wis. Stats., and P19, that no person, on the basis of sex, race, color, religion, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation, or physical, mental, emotional or learning disability may be denied admission to any school in this District or be denied participation in, be denied the benefits of, or be discriminated against in any curricular, extracurricular, public services, recreational, or other program or activity.

This policy also prohibits discrimination under related Federal Statutes, including Title VI of the Civil Rights Act of 1964 (race and national origin), Title IX of the Education Amendments of 1972 (sex), and section 504 of the Rehabilitation Act of 1973 (handicap).

If any person believes the Racine Unified District or any part of the school organization has inadequately applied the principals and/or regulations of s.118.13 Wis. Stats./P19 and Title VI (race, national origin), and/or Title IX (sex), and /or Section 504 (handicap) or in some way discriminates against pupils on the basis of sex, race, religion, color, national origin, ancestry, creed, pregnancy, mental, emotional or learning disability or handicap, she/he may bring forward a complaint to the

District Equity Coordinator
 Racine Unified School District
 3109 Mt. Pleasant Street, Racine, WI 53404



Program of Study/Career Pathway

Production Machining & Fabrication



3709

