

Ignite South Career Pathways Sheet

To be a concentrator, 1) a student must have taken 2 credits in a pathway and 2) pass the EOP and/or Industry Certification Exam. It is recommended that a student take 4 courses relating to their pathway to prepare for the workforce. In order to co-op, a student must have or be taking their 3rd class in a pathway and/or pass the EOP/Industry Certification.

Business and Marketing Pathway		
<i>Management & Entrepreneurship</i>		
* Ess of Bus/Marketing Digital Literacy Entrepreneurship Personal Finance	Microsoft Office Ethical Leadership Business Co-op	Association Manager; Entrepreneur; Event Planner; Hotel Manager Insurance Agent; Insurance Claims Adjuster; Property Manager; Bank Teller
Diesel Pathway		
<i>Diesel Inspection Maintenance and Minor Repair Technician</i>		
Insp Maint & Minor Repair A Insp Maint & Minor Repair B Insp Maint & Minor Repair C Insp Maint & Minor Repair D	Diesel Co-op	Diesel Technician, Deisel Mechanic, Production Worker
Engineering Pathway		
Required	Optional	Possible Careers
<i>Automation Engineering</i>		
Fund of Engineering Design Fund of Engineering Design II Intro to 3-D Printing Technology Manufacturing Engineering Cybersecurity	AP Computer Science Principles AP Computer Science A Engineering Co-op	Engineering Technology Instructor; Production Woodworker; Manufacturing Manager, Industrial Engineer; Electronic Assembler; Industrial Engineer; Industrial Technician; Quality Controller, Civil/Architectural Engineering
Family Consumer Science Pathway		
Required	Optional	Possible Careers
<i>Culinary and Food Services</i>		
* Food & Nutrition Advanced Food & Nutrition Culinary I Culinary II	Culinary Arts Co-op	Chef/Cook; Baker; Entrepreneur; Food Inspector; Butcher
Health Science Pathway		
<i>Allied Health (Practical/Hands-on)</i>		
* Principles of Health Sci. Emergency Procedures (.5) Medical Terminology (.5) Body Structures and Functions	Allied Health Core Skills Medical Math Allied Health Internship	Doctor; Nurse; Pharmacist; Physical Therapist; Psychologist; Radiologist; Surgeon; Veterinarian
Industrial Maintenance Pathway		
<i>Electrical Technician</i>		
Industrial Maintenance Electrical Prin Industrial Maintenance Motor Controls Industrial Maintenance PLCs Fluid Power	Intro to 3-D Printing Engineering I Indust Maint Co-op/ Internship	Electrical Technician, Industrial Maintenance Mechanic

Welding Pathway

Welder Entry Level

Shield Metal ARC Welding/Lab SMAW Groove Welds/ Backing Lab Gas Metal ARC Wedling/Lab Cutting Processes Gas Tungsten ARC Welding/Lab BluePrint Reading	Welding Co-op/Internship Intro to 3-D Printing Engineering I	Welder, Ironworkers, Construction, Materials Engineers, Industrial Machinery Mecahnics, Auto Body Repair
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