

IGNITE SOUTH CAREER AND TECHNICAL EDUCATION COURSES

BUSINESS AND MARKETING

Career Pathway: Business Marketing		
Must Complete 3 Credits		
Pathway	Courses	Test
Management & Entrepreneurship	Digital Literacy Bus and Mktng Essential Prin of Entrepreneurship Ethical Leadership Microsoft Office Personal Fin	End of Program Assessment

080719 Personal Finance

Counts as a Math Course

Suggested Grade Level: 12

Credit: 1

060111 Business and Marketing Essentials

Suggested Grade Level: 9-12

Credit: 1

0606109 Ethical Leadership

Suggested Grade Level: 11-12

Credit: 1

08030310 Principles of Entrepreneurship

Suggested Grade Level: 10-12

Credit: 1

DIESEL PATHWAY

Career Pathway: Business Marketing		
Must Complete 3 Credits		
Pathway	Courses	Test
Diesel	Insp Maint & Minor Repair A Insp Maint & Minor Repair B Insp Maint & Minor Repair C Insp Maint & Minor Repair D	End of Program Assessment

470450 Insp Maint & Minor Repair A

Suggested Grade Level: 10 - 12

Credit: 1

470451 Insp Maint & Minor Repair B

Suggested Grade Level: 10 - 12

Credit: 1

470452 Insp Maint & Minor Repair C

Suggested Grade Level: 11-12

Credit: 1

470453 Insp Maint & Minor Repair D

Suggested Grade Level: 11-12

Credit: 1

ENGINEERING PATHWAY

Career Pathway: Automation Engineering		
Must Complete 3 Credits		
Pathway	Courses	Test
Automation Engineering	Engineering Design I Engineering Design II Intro to 3-D Printing Technology Cybersecurity AP Computer Science Principles Manufacturing Engineering	End of Program Assessment
Informational Support System	Digital Literacy Computer Hardware and Software Help Desk Operations Network Install and Troubleshooting	End of Program Assessment

210221 Engineering Design I

Suggested Grade Level: 9-10

Credit 1

210222 Fund of Engineering Design II-

Suggested Grade level 9- 10

Credit: 1

332001 – Intro to 3D Printing Technology

Suggested Grade level 10-11

Credit: 1

210225 Manufacturing Engineering

Suggested Grade level 10-12;

Prerequisite: Engineering I/II; Credit: 1

110230 - Cybersecurity

Suggested Grade Level: 11-12

Prerequisite; Teacher Approval

Credit: .5

110711 A. P. Computer Science Principles

Prerequisite: Algebra 1

Credit: 1

XXXXX Computer Hardware and Software

XXXX Help Desk Operations

XXXXX Network Install and Troubleshooting

CULINARY AND FOOD SERVICES

Career Pathway: Family and Consumer Science		
Must Complete – 3 Credits		
Pathway	Courses	Test
Culinary	Food and Nutrition - 1 st Adv Food and Nutrition Culinary Arts I Culinary Arts II	Servsafe Certification or End of Program Assessment

200441 Food and Nutrition

Suggested Grade Level: 9-12

Prerequisite: None

Credit: 1

200442 Adv Foods & Nutrition

Suggested Grade Level: 10-12

Prerequisite: Food and Nutrition

Credit: 1

200411 Culinary Arts I

Suggested Grade level 11-12

Perquisite: Nutritional and Food Science

Credit: 1

200412 Culinary Arts II

Suggested Grade level 11-12

Perquisite: Culinary Skills

Credit: 1

ALLIED HEALTH

Career Pathway: Allied Health		
Must Complete 3 Credits		
Pathway	Courses	Test
Pre-Nursing	Princ of Health Sci – 1st Emergency Procedures Medical Terminology Allied Health Core Skills Body Structures and Functions Medical Math (12 th) Medicaid Nurse Aide	End of Program Assessment
Clinical Medical Assisting	Principles of Health Science Emergency Proc/Med Term Medical Math Med Assisting Clinical Pro	End of Program Assessment

170111 Principles of Health Science

Suggested Grade Level: 9-10

Prerequisite: None

Credit: 1

170501 Allied Health Core Skills

Suggested Grade Level: 10-12

Credit: 1

170141 Emergency Procedures

Suggested Grade Level: 10-11

Prerequisite: Principles of Bio-Medical Science

Credit: .5

170131 Medical Terminology

Suggested Grade Level: 10-11

Credit:.5

170301 Essential Sports Medicine

Suggested Grade Level: 11--12

Credit: 1

170167 Body Structures and Functions

Suggested Grade Level: 11--12

Credit: 1

170169 Medical Math

Counts as a 4th Math Class

Suggested Grade Level: 12

Credit: 1

170631 Medicaid Nurse Aide

Suggested Grade Level: 12

Credit: 1

XXXX Medical Assisting Clinical Procedures

INDUSTRIAL MAINTENANCE PATHWAY

Career Pathway: Electrical Technician		
Must Complete 3 Credits		
Pathway	Courses	Test
Diesel	Ind Maintenance Electrical Prin Ind Maintenance of PCLs Ind Maint Elec Motor Control Fluid Power	End of Program Assessment

470322 Indust Maint Electrical Principles

Suggested Grade Level: 10 - 12

Credit: 1

470330 Industrial Main of PCLs

Suggested Grade Level: 10 - 12

Credit: 1

470348 Ind Maint Elec Motor Control

Suggested Grade Level: 11-12

Credit: 1

470321 Fluid Power

Suggested Grade Level: 11-12

Credit: 1

WELDING PATHWAY

Career Pathway: Welding Entry Level		
Must Complete 3 Credits		
Pathway	Courses	Test
Welding	Shielded Metal Arc Welding SMAW Groove Welds Cutting Processes Blue Print Reading	End of Program Assessment

480521 Shielded Metal Arc Welding

Suggested Grade Level: 10-12

Credit: 1

480501 Cutting Processes

Suggested Grade Level: 10 - 12

Credit: 1

480505 Blue Print Reading for Welding

Suggested Grade Level: 10 - 12

Credit: 1

480528 SMAW Groove Welds

Suggested Grade Level: 11-12

Credit: 1

CAREER EDUCATION

Must be completing 3rd Credit of Career Pathway and must have a job with appropriate paperwork completed.

060107 Business Ed Co-op

080707 Marketing Education Co-op

200409 Culinary Arts Co-op

Xxxxx Diesel Co-op

210331 Engineering & Tech Internship

XXXX Industrial Maintenance Internship

XXXX Information Tech Co-op

170550 – Internship: Allied Health

Xxxx Welding Co-op

Suggested Grade Level: 12; Prerequisite: Career Pathway Implementation/Completion and Health Insurance required; Credit: 1 or 2