

AVIATION PATHWAY

MANUFACTURING PRODUCTION & ASSEMBLY

MANUFACTURING MAINTENANCE & AUTOMATION

9TH OR 10TH GRADE YEAR AT BASE HS

Introduction to Industrial Technology (recommended)
Hand and Power Tools (recommended)

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FRC SEMESTER 1

AVC 110 OSHA 10
AVC 135 Hand Tools
AVC 104 Quality Control Concepts
MCD 106 Precision Measuring
MNF 113 Production Blueprint
MNF 120 Manufacturing Processes and Production

FRC SEMESTER 1

AVC 110 OSHA 10
AVC 135 Hand Tools
AVC 104 Quality Control Concepts
MCD 106 Precision Measuring
MNF 113 Production Blueprint
MNF 120 Manufacturing Processes and Production

FRC SEMESTER 1

AVC 110 OSHA 10
AVC 135 Hand Tools
AVC 104 Quality Control Concepts
MCD 106 Precision Measuring
MNF 113 Production Blueprint
MNF 120 Manufacturing Processes and Production

FRC SEMESTER 2

AER 115 Assembly Aerostructures
AVC 108 Aircraft Systems

FRC SEMESTER 2

MCD 130 Solidworks
MMG 131 Metallurgy
MNF 110 CNC Basics
MCD 137 Intro to 3D Printing

FRC SEMESTER 2

MNF 125 Maintenance Training
MNF 145 Fluid Power
MNF 135 Electric Concepts

FRC SEMESTER 3

CFT 101 Introduction to Composites
CFT 106 Composite Finish Trim
CFT 107 Composite Assembly
CFT 130 Composite Fabrication Methods

FRC SEMESTER 3

MNF 130 Manufacturing Processes and Production II
MNF 115 Forklift Operations
MNF 125 Maintenance Training

FRC SEMESTER 3

MNF 140 Basic PLC's
MNF 150 Manufacturing Processes and Production II
ROB 100 Introduction to Robotics

FRC SEMESTER 4

Manufacturing Work Based Learning Experience

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Manufacturing Work Based Learning Experience

About Us

The Future Ready Centers are a Wichita Public Schools and WSU Tech partnership that provides students with hands-on training, learning opportunities, and mentoring from industry experts while still attending their base high schools. Students are enrolled in two courses and attend every other day on the A/B schedule.

A few details:

100% Free-- No Additional Cost

Starts every Fall and Spring semester

Open to WPS juniors and seniors

Transportation available

No books required

Students earn college credit

Guaranteed work-based learning internship



FUTURE READY MANUFACTURING

Ready to apply?



Please schedule an appointment with your high school counselor to learn more about the program.



<https://www.usd259.org/FRC>



Future Ready Manufacturing

