



MORAINE PARK TECHNICAL COLLEGE HIGH SCHOOL ACADEMIES

K-12 Partnership

A High School Career Academy (HSCA) helps you get a head start on college and your future career while still in high school. Each academy focuses on a specific field—such as Business, IT, Healthcare, or Manufacturing—and includes a sequence of related classes.

By completing all required courses, you can earn a Moraine Park certificate or technical diploma before graduation, giving you job-ready skills and a strong start toward a degree at Moraine Park or a partner university.

Office Software Specialist Certificate

103-160 Microsoft Word | 2 Cr

103-180 Microsoft Excel | 2 Cr

103-178 Intro to Power Data | 2 Cr

103-182 Microsoft PowerPoint | 2 Cr

Total Credits: 8

Tax Preparer Assistant Certificate

101-112 Accounting 1 | 4 Cr

101-138 Data Mgmt/Analysis/Reporting | 3 Cr

103-159 Computer Lit/Microsoft Office | 1 Cr

101-123 Income Tax Accounting | 3 Cr

Total Credits: 11

Payroll Assistant Certificate

101-112 Accounting 1 | 4 Cr

101-138 Data Mgmt/Analysis/Reporting | 3 Cr

103-159 Computer Lit/Microsoft Office | 1 Cr

101-141 Payroll Accounting | 3 Cr

Total Credits: 11

Emergency Medical Technician Certificate

531-100 EMT 1 | 3 Cr

531-101 EMT 2 | 4 Cr

Total Credits: 7

Entrepreneur Technical Diploma

102-110 Introduction to Business | 3 Cr

145-183 Entrepreneurship Ventures and Innovation | 3 Cr

145-185 Entrepreneurship | 3 Cr

890-101 College 101 | 2 Cr

Total Credits: 11

Pre-Health

501-101 Medical Terminology | 3 Cr

806-177 Gen Anatomy and Physiology | 4 Cr

543-300 Nursing Assistant | 2 Cr

Total Credits: 9

Phlebotomist/Specimen Processor Certificate

513-110 Basic Lab Skills | 1 Cr

513-111 Phlebotomy | 2 Cr

Total Credits: 3

Visual Design Fundamentals Tech Diploma

103-159 Computer Lit/Microsoft Office | 1 Cr

103-170 Beginning Photoshop | 2 Cr

201-102 Vector Illustration 1 | 2 Cr

201-112 Design Fundamentals | 3 Cr

Total Credits: 8

Fire Fighter 1 License and Fire Inspector License

503-142 Firefighting Principles | 4 Cr

503-153 Hazmat Awareness and Operations | 1 Cr

503-151 Fire Prevention | 4 Cr

Total Credits: 9

*Licenses are earned upon successful completion of state certification exams

*These certificates are supported by the CTE Incentive Grant and align with industry needs, helping students build skills and advance toward further education or career opportunities.

Manufacturing Fundamentals Certificate

623-162 Manufacturing Processes | 3 Cr
623-110 Technical Print Reading | 2 Cr
804-107 or 804-195 College Math or College
Algebra with Applications | 3 Cr
Total Credits: 8

Automated Manufacturing Technician Tech Diploma

103-159 Computer Lit/Microsoft Office | 1 Cr
623-162 Manufacturing Processes | 3 Cr
623-110 Technical Print Reading | 2 Cr
664-110 Introduction to Mechatronics | 2 Cr
804-107 or 804-195 College Math or College
Algebra with Applications | 3 Cr
890-101 College 101 | 2 Cr
617-114 CAD 3-D SolidWorks | 3 Cr
623-191 Basic Metrology | 2 Cr
664-105 Intro to Industrial Robotics | 2 Cr
664-100 Intro to Industrial Control Systems | 2 Cr
Total Credits: 22

Project Coordinator Certificate

103-159 Computer Lit/Microsoft Office | 1 Cr
101-184 or 101-112 Principles of Accounting or
Accounting 1 | 3 Cr or 4 Cr
102-188 Intro to Project Management | 3 Cr
116-189 Team Building and Problem Solving | 3 Cr
801-XXX Communications Course | 3 Cr
804-XXX Mathematics Course | 3 Cr
Total Credits: 16

Shielded Metal Arc Welding Certificate

442-331 Welding Print Reading | 2 Cr
442-338 Cutting Processes | 1 Cr
442-356 Shielded Metal Arc Welding | 2 Cr
804-360 Occupational Mathematics 1 | 2 Cr
Total Credits: 7

HVAC Installation Technician Tech Diploma

103-159 Computer Lit/Microsoft Office | 1 Cr
804-360 Occupational Mathematics 1 | 2 Cr
890-101 College 101 | 2 Cr
804-361 Occupational Math 2 | 2 Cr
**Please scan the QR code for a complete list of courses.*
Total Credits: 34

University Transfer with Project Coordinator Emphasis

890-101 College 101 | 2 Cr
801-219 English Comp 1 | 3 Cr
101-184 or 101-112 Principles of Accounting or
Accounting 1 | 3 Cr or 4 Cr
103-159 Computer Lit/Microsoft Office | 1 Cr
809-198 Intro to Psychology | 3 Cr
801-198 Speech- | 3 Cr
806-112 Principles of Sustainability | 3 Cr
116-189 Team Building and Problem Solving | 3 Cr
102-188 Intro to Project Management | 3 Cr
**Please scan the QR code for a complete list of courses.*
Total Credits: XX

Visit MPTC's AP Exam page or scan QR code for information on how you can transform your AP exam scores into college credit at MPTC.

EXPLORE CAREER ACADEMY OPTIONS AND START BUILDING YOUR FUTURE—

SCAN THE QR CODE FOR MORE INFORMATION!

