

KIRKWOOD ACADEMIES

The courses listed are the Kirkwood courses included in each of their academies

TIME OF DAY

Advanced Manufacturing	16 college credits/ 12 high school Credits	PM
MFG-173	2 CNC Mill Operator-NIMS	
MFG-174	2 CNC Lathe Operator- NIMS	
WEL-228	1 Intro to Safety & Health of Welders	
WEL-244	2 Gas Metal Arc Welding Short Circuit Transfer	
WEL-245	2 Gas Metal Arc Welding Spray Transfer	
WEL-251	2 Gas Tungsten Arc Welding (GTAW) for Carbon Steel	
ATR-450	3 Computer Intergrated Manufacturing	
WEL-208	2 Intro to Fabrication	
ACE: Architectural, Construction Engineering Academy	12 college credits/ 12 high school credits	PM
CON-190	3 Construction Lab	
CON-101	3 Architectural Plans & Specs	
WBL-148	2 Workplace Project Based Learning: Industrial Tech	
CON-108	1 Construction Safety	
CON-313	3 Structures in MEP (Mechanical, Electrical, and Plumbing)	
Transportation: Automotive Technology	16 college credits/ 12 high school credits	PM
AUT-104	3 Intro to Automotive Technology	
AUT-100	4 Maintenance and Light repair	
MAT-715	2 Industrial Math I	
AUT-402	3 Automotive Suspension and Steering	
AUT-502	2 Automotive Brake Systems	
AUT-702	2 Automotive Heating and Air Conditioning	
EMT and Fire Science **Must be 17 at start of class	14.5 College credits/ 12 high school credits	PM
FIR-213	3 Principles of Emergency Services	
FIR-400	3 Emergency Safety and Survival	
EMS-255	4 Emergency Medical Technician I	
EMS-350	3.5 Emergency Medical Technican II	
EMS-365	1 Emergency Medical Technician II :Clinical	
Digital Arts, Social Media, and Marketing	12 college credits/ 12 high school credits	PM
ART-133	3 Principles of Marketing	
BCA-179	3 Emerging Tech Trends	
GRA-140	3 Illustrator	
MKT-130	3 Social Media in Business	
Pre-Med, Nursing, and Professional Health Careers	14.5 college credits/ 12 high school credits	PM
HSC- 115	4 Human Anatomy & Physiology I	
HSC- 205	3 Intro to Sociology	
HSC- 168	3 Nutrition	
HSC- 107	4 Human Anatomy & Physiology II	
Patient Care	12.5 college credits/ 12 high school credits	PM
HSC-205	3 Exploration of Healthcare Careers	
PSY-111	3 Intro to Psychology	
PSY-121	3 Developmental Psychology	
HSC-168	3.5 Nurse Aid (CNA Certification)	
Technology Careers	12 college credits/ 12 high school credits	
WBL-146	3 Workplace Project Based Learning: Information Solutions	
CIS-121	3 Intro to Programming Logic	
CIS-207	3 Fundamentals of Web Programming	
NET-130	3 Computer Concepts	

OVER

Arts & Sciences: Liberal Arts Transfer Academy - FALL(Pick 2)	6 college credits/ 6 high school credits	PM
MUS-100	3 Music Appreciation	
SOC-110	3 Intro to Sociology	
PSY-111	3 Intro to Psychology	
REL-101	3 Survey of World Religion	
MAT-157	4 Statistics	
HIS-151	3 US History to 1877	
ENG-105	3 Composition I	
SPC-101	3 Fundamentals of Oral Communications (public speaking)	

Arts & Sciences: Liberal Arts Transfer Academy - SPRING(Pick 2)	6 college credits/ 6 high school credits	PM
HIS-126	3 West and the World I: Prehistory to 500	
PSY-121	3 Developmental Psychology	
ECN-120	3 Macroeconomics	
BIO-151	3 Nutrition	
BUS-101	3 Intro to Business	
MKT-110	3 Principles of Marketing	
ENG-106	3 Composition II	
LIT-206	3 Forms of Lit: Fiction (Intro to Lit)	
SPC-101	Fundamentals of Oral Communications (public speaking)	

Companion Courses

Advanced Manufacturing, Auto and ACE do not have companion courses.
Select one companion for the Fall & one for the Spring

Fall

- _____ CAD-110: Intro to Parametric Solid Modeling
- _____ CSC-116: Information Computing
- _____ SPC-101: Fundamentals of Oral Communications
- _____ EDU-110: Exploring Teaching
- _____ PSY-111: Intro to Psychology
- _____ HSC-115: Medical Terminology (2.5 credits)
- _____ CRJ-100: Intro to Criminal Justice
- _____ HIS-151: US History to 1877

Spring

- _____ SOC-120: Marriage & Family
- _____ WBL-145: Workbased Learning
- _____ REL-101: Survey of World Religion
- _____ HIS-126: West and the World I: Prehistory to 500
- _____ CAD-168: Intro to 3D Printing (Pre-req CAD-110)
- _____ ART-101: Art Appreciation
- _____ CRJ-141: Criminal Investigation (Pre-req CRJ-100)
- _____ EDU-119: Behavior Management