

EDUCATION FOR EMPLOYMENT PROGRAM OF STUDY		
Major area of study: Construction Trades/Maintenance Mechanic - Facility		
HIGH SCHOOL		COLLEGE
EFE Program: Construction Trades		Certificate: Maintenance Mechanic - Facility
CIP Code: 46.0000		CIP Code: 15.0303
HIGH SCHOOL SCHEDULE		
9 TH GRADE	Graduation Requirements: Electives (2), English, Foreign Language, Health, Math (Algebra), Physical Education, Science (Biology), Social Studies (US History/Geography)	
10 TH GRADE	Graduation Requirements: Electives (2), English, Foreign Language, Math (Geometry), Science (Chemistry/Physics), Social Studies (Government/Econ)	
11 TH GRADE	Graduation Requirements: Electives (3), English, Math (Algebra II), Science (3 rd), Social Studies (World History/Geography)	EFE High School Program Construction Trades Kalamazoo Valley Community College Credit CNST 108: Basic Maintenance Construction (4CR) CNST 110: Advanced Maintenance Construction (3CR)
12 TH GRADE	Graduation Requirements: Electives (5), English, Fine Arts (Construction Trades equivalent credit), Math (Construction Trades equivalent credit)	
Delete two electives a year for a 6 hour day; delete three electives a year for a five hour day. High School courses listed above in red bold (yellow highlight) provide an opportunity to earn FREE COLLEGE CREDIT for the college course(s) listed below in black bold (yellow highlight). Students must maintain a B or higher per semester/trimester to earn credit.		
COLLEGE SCHEDULE		
Program Requirements for a Certificate		
CNST 101 (4CR) Plumbing Level IA	ELT 115 (3CR) Commercial Wiring and Code	HVAC 125 (1CR) EPA Recovery/Certification
CNST 108 (4CR) Basic Maintenance Construction CNST 110 (3CR) Advanced Maintenance Construction	HVAC 118 (3CR) Electricity/HVAC Controls I	HVAC 132 (3CR) Heating Concepts and Systems I
DRFT 113 (3CR) Architectural Blueprint Reading	HVAC 119 (3CR) Electricity/HVAC Controls II	WELD 120 (3CR) Introduction to Welding
ELT 110 (3CR) Residential Wiring and Code	HVAC 123 (3CR) Refrigeration I	HVAC 124 (3CR) Refrigeration II or HVAC 133 (3CR) Heating Concepts and Systems II
Required Credit Hours:	39	Average Salary Range: \$25,000 - \$150,000
Earned College Credit Hours:	3-7	Occupations: General Laborer, Carpenter, Plumber, Electrician, Contractor, Construction Worker, Concrete Finisher, Bricklayer, Job Superintendent, HVAC Technician, Painter, Drywall, Project Manager, Construction Manager, Iron Worker, Owner/President of Construction Company
Hours Remaining to Obtain Degree:	32-36	
Average College Savings:	\$535.50	
*Subject to change – tuition rates based at \$76.50/Credit (CR)		