

Industrial Technologies

Offered at MCC-Business & Technology

- A.A.S. Industrial Technologies
- A.A.S. Indus. Tech. Bricklayer 63-65 Credits
- A.A.S. Indus. Tech
Construction Carpentry..... 63-66 Credits
- A.A.S. Indus. Tech
Construction Cement Masons 63-66 Credits
- A.A.S. Indus. Tech
Construction Ironworking..... 65-67 Credits
- A.A.S. Indus. Tech
Construction Laborer 63-65 Credits
- A.A.S. Indus. Tech
Construction Management 63 Credits
- A.A.S. Indus. Tech Electric
Utility Line Technician 65-66 Credits
- A.A.S. Indus. Tech Glaziers..... 63-66 Credits
- A.A.S. Indus. Tech. Industrial Electrical. 62-64 Credits
Industrial Electrical Certificate 32 Credits
- A.A.S. Indus. Tech.
Industrial Maintenance 64-66 Credits
Industrial Maintenance Certificate 32 Credits

- Welding Job Ready Certificate 18 Credits
- A.A.S. Indus. Tech. Inside Wiring
3 & 5-year program..... 63-65 Credits
- A.A.S. Indus. Tech. Millwright..... 67-69 Credits
Millwright Certificate 33 Credits
- A.A.S. Indus. Tech. Painter..... 63-65 Credits
- A.A.S. Indus. Tech. Plumbing 63-65 Credits
- A.A.S. Indus. Tech. Sheet Metal..... 63-65 Credits
- A.A.S. Indus. Tech. Stationary Engineer 67-69 Credits
Stationary Engineer Certificate 33 Credits
- A.A.S. Lineman Tech/Cable Splicer 63 Credits
- A.A.S. Indus. Maintenance Electrician .. 63-65 Credits
- A.A.S. Industrial Mechanic 65-67 Credits
- A.A.S. Industrial Welder 65-67 Credits
- A.A.S. Industrial Pipefitter/Sprinkler Fitter 63-65 Credits
- A.A.S. Instrumentation & Controls..... 63-64 Credits
Instrumentation & Controls Certificate 32-33 Credits

This program offers degree and certificate options leading to occupational careers in Industrial Technology.

A.A.S. Industrial Technologies

General Education Requirements	Credits	Semester Taken	Prerequisites
ENGL 101 Composition and Reading I	3		ENGL 30 or appropriate placement test score
HIST 120 United States History to 1865 or HIST 121 United States History Since 1865 or POLS 135 Introduction to Political Science or POLS 136 Introduction to American National Politics or POLS 137 Introduction to State and Local Politics	3		
SPDR 100 Fundamentals of Speech	3		ENGL 30 or appropriate placement test score
MATH 103 Technical Mathematics I* and MATH 104 Technical Mathematics II* or MATH 120 College Algebra and MATH 130 Trigonometry	6		MATH 40 or 40L or appropriate placement test score (MATH 103), MATH 103 (MATH 104), MATH 110 or appropriate placement test score (MATH 120), MATH 120 or appropriate placement test score (MATH 130)
Any course numbered 100 or higher from the following disciplines: ART, ANTH, ECON, ENGL, FOREIGN LANGUAGE, GEOG (Except 104, 110 or GIS Courses), HIST, HUMN, MSCM, MUSI, PHIL, POLS, PSYC, SIGN, SOSC, SOCI, SPDR	3-5 or 6-9 see emphasis area		

*minimum requirements

Specific Program Requirements	Credits	Semester Taken	Prerequisites
Bricklayer (General Education Requirements 3-5)			201182
BSAD 109 Principles of Supervision	3		
CSIS 115 Introduction to Microcomputer Applications	3		
EHSS 100 Introduction to Environmental Health and Safety	3		
INTE 151 Industrial Rigging	3		
SRVY 135 Elementary Surveying	3		MATH 130
Bricklaying Apprenticeship (Credit by Certification*)	30		
Total Credit Hours	63-65		

* Federally approved bricklaying apprenticeship program that contains a minimum 450 clock hours of classroom instruction and 6000 clock hours of on-the-job training. Transcribed upon completion of 15 hours of MCC coursework and documentation of certificate and/or journeyman card for the appropriate craft.

Non-Degree Related Courses _____

Advisor/Counselor/Evaluator _____ Date _____

_____ Hrs Earned _____ MCC GPA _____ Hrs Enrolled _____ Hrs in Res _____ Hrs Needed

TO GRADUATE THE STUDENT MUST SUCCESSFULLY COMPLETE THE FOLLOWING:

- _____ Apply for Graduation
- _____ Missouri Constitution Requirement
- _____ Raise/Maintain GPA to 2.000
- _____ Additional courses to meet the 15 credit hour residency requirement
- _____ Additional courses to meet total credit hour requirement (including current coursework)
- _____ Any course substitutions/waivers must be approved using an "Student Exception to Graduation" form