



FACILITY MAINTENANCE

- Associate of Applied Science
- College Certificate

About The Program

The Facility Maintenance Program prepares the student for immediate employment as a facility maintenance technician, maintenance and stationary engineer, and facility maintenance manager at health care institutions, large office towers, apartment complexes, professional buildings, multi-use facilities, plants, government and educational building, etc. Students will be able to perform work pertaining to carpentry, plumbing, ground maintenance, electrical, general maintenance of heating, ventilation and air conditioning and refrigeration, (HVA/R), and operation and complete maintenance of boiler plants. The program also prepares students to take local and State of Michigan examinations for obtaining license(s) as Mechanical Maintenance and Mechanics Education and Certification for Health care (MECH) State of Michigan. The certificate will fulfill the competency requirements for the Joint Commission on Accreditation of Hospital Organization (JCAHO) for facility maintenance training and background may be eligible to waive certain course.

Admission Requirements

General admission requirements for WCCCD programs are as follows:

- Fulfill all WCCCD admission requirements.
- Declare intent to enter the Facility Maintenance program on the WCCCD Application for Admission or change intent in the Student Services Office.
- Complete WCCCD Program Application and submit to the Campus Chief Academic Officer.
- Complete all core course work with a grade of "C" or better to meet graduation requirements.

Additional program specific requirements may be found at any WCCCD campus from the Chief Academic Officer.

Associate of Applied Science Degree Requirements

SEMESTER I

| | | |
|----------------------|----------------------------|-----------|
| ENG 119 | English I | 3 |
| MAT 121 | Technical Mathematics I | 3 |
| FM 101 | Basic Facility Maintenance | 3 |
| FM 102 | Plumbing & Pipe Fitting | 3 |
| TOTAL CREDITS | | 12 |

SEMESTER II

| | | |
|----------------------|--------------------------|-----------|
| MAT 122 | Technical Mathematics II | 3 |
| ENG 134 | Technical Communication | 3 |
| FM 103 | Carpentry | 3 |
| FM 104 | General Maintenance | 3 |
| TOTAL CREDITS | | 12 |

SEMESTER III

| | | |
|----------------------|------------------------------------|-----------|
| PS 101 | American Government | 3 |
| FM 105 | Grounds Maintenance | 3 |
| HVA 201 | Introduction To Boiler Plant Maint | 3 |
| HVA 202 | Steam I | 3 |
| TOTAL CREDITS | | 12 |

SEMESTER IV

| | | |
|----------------------|-----------------------------|-----------|
| FM 106 | Safety and Support Services | 3 |
| HVA 204 | Boiler Room Accessories | 3 |
| | Elective | 6 |
| TOTAL CREDITS | | 12 |

SEMESTER V

| | | |
|----------------------|----------------------------|-----------|
| FM 299 | Facility Maintenance Co-op | 3 |
| HVA 206 | Refrigeration Operations | 3 |
| | Natural Science or | |
| | Social Science Elective | 3 |
| | HVA Course Elective | 3 |
| TOTAL CREDITS | | 12 |

PROGRAM

TOTAL CREDITS 60

* Program totals may not include prerequisite work.

College Certificate Requirements

SEMESTER I

| | | |
|----------------------|----------------------------|-----------|
| ENG 119 | English I | 3 |
| MAT 121 | Technical Mathematics I | 3 |
| FM 101 | Basic Facility Maintenance | 3 |
| FM 102 | Plumbing & Pipe Fitting | 3 |
| TOTAL CREDITS | | 12 |

SEMESTER II

| | | |
|----------------------|---------------------|----------|
| EE 103 | Electrical | 3 |
| FM 103 | Carpentry | 3 |
| FM 104 | General Maintenance | 3 |
| TOTAL CREDITS | | 9 |

SEMESTER III

| | | |
|----------------------|--|----------|
| | HVA Course Elective | 3 |
| HVA 201 | Introduction to Boiler Plant Maintenance | 3 |
| FM 105 | Grounds Maintenance | 3 |
| TOTAL CREDITS | | 9 |

CERTIFICATE TOTAL CREDITS 30

* Certificate totals may not include prerequisite work.

District Office

801 West Fort Street
Detroit, MI 48226

General Information Number:
(313) 496-2600

Career Program Hotline:
1-800-300-2118

Information Website:
www.wcccd.edu

E-mail:
info@wcccd.edu

It is the policy of WCCCD that no person, on the basis of race, color, religion, national origin, age, sex, height, weight, marital status, disability, or political affiliation or belief, shall be discriminated against, excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination in employment or in any program or activity for which it is responsible or for which it receives financial assistance from the U.S. Department of Education.

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