

# CURRICULUM STANDARD

Effective Term  
Fall 1997  
[1997\*03]

Curriculum Program Title

**Facility Maintenance Worker (Diploma)**

Code

**D50170**

Concentration

**(not applicable)**

## *Curriculum Description*

The Facility Maintenance Worker curriculum is designed to prepare students to maintain and repair physical structures and systems of commercial and industrial establishments such as hotels, hospitals, apartment complexes, and shopping centers.

Students will learn to use hand and power tools; replace defective electrical switches and fixtures; maintain performance of environmental control systems; repair plumbing fixtures, woodwork, plastic, and sheetrock; lay brick; finish small areas of concrete; and paint structures.

Upon completion of this curriculum, the graduate should possess the necessary skills to qualify for employment as a facility maintenance worker.

## *Curriculum Requirements\**

*[for associate degree, diploma, and certificate programs in accordance with 23 NCAC 02E.0204 (3)]*

- I. General Education.** Degree programs must contain a minimum of 15 semester hours including at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. Degree programs must contain a minimum of 6 semester hours of communications. Diploma programs must contain a minimum of 6 semester hours of general education; 3 semester hours must be in communications. General education is optional in certificate programs.
- II. Major Hours.** AAS, diploma, and certificate programs must include courses which offer specific job knowledge and skills. Work experience, including cooperative education, practicums, and internships, may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit. *(See second page for additional information.)*
- III. Other Required Hours.** A college may include courses to meet graduation or local employer requirements in a certificate, diploma, or associate in applied science program. These curriculum courses shall be selected from the Combined Course Library and must be approved by the System Office prior to implementation. Restricted, unique, or free elective courses may not be included as other required hours.

	<b>AAS</b>	<b>Diploma</b>	<b>Certificate</b>
Minimum General Education Hours	15	6	0
Minimum Major Hours	49	30	12
Other Required Hours	0-7	0-4	0-1
<b>Total Semester Hours Credit (SHC)</b>	<b>64-76</b>	<b>36-48</b>	<b>12-18</b>

*\*Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.*

## *Major Hours*

[ref. 23 NCAC 02E.0204 (3)]

- A. Core.** The subject/course core is comprised of subject areas and/or specific courses which are required for each curriculum program. A diploma program offered under an approved AAS program standard or a certificate which is the highest credential level awarded under an approved AAS program standard must include a minimum of 12 semester hours credit derived from the subject/course core of the AAS program.
- B. Concentration** *(if applicable)*. A concentration of study must include a minimum of 12 semester hours credit from required subjects and/or courses. The majority of the course credit hours are unique to the concentration. The required subjects and/or courses that make up the concentration of study are in addition to the required subject/course core.
- C. Other Major Hours.** Other major hours must be selected from prefixes listed on the curriculum standard. A maximum of 9 semester hours of credit may be selected from any prefix listed, with the exception of prefixes listed in the core or concentration. Work experience, including cooperative education, practicums, and internships, may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit.

### Facility Maintenance Worker (Diploma) D50170

	AAS	Diploma	Certificate
<b>Minimum Major Hours Required</b>	<b>49 SHC</b>	<b>30 SHC</b>	<b>12 SHC</b>
<b>A. CORE</b>  <b>Required Courses:</b> FMW 102 Practical Wiring I                      4 SHC FMW 105 Basic Heating                              3 SHC FMW 107 Introduction to Carpentry              3 SHC MAS 140 Introduction to Masonry                2 SHC PLU 130 Plumbing Systems                        6 SHC  <b>Required Subject Areas:</b> None		<b>18 SHC</b>	
<b>B. CONCENTRATION</b> <i>(Not applicable)</i>			
<b>C. OTHER MAJOR HOURS</b> <i>To be selected from the following prefixes:</i>  AHR, BPR, CIS, COE, CSC, ELC, FMW, HEA, ISC, MAS, PLU, and PME  <i>Foreign language courses (including ASL) that are not designated as            approved other major hours may be included in all programs up to a            maximum of 3 semester hours of credit.</i>			