

# Facilities Management

## Facilities Management

### Department of Construction Technologies

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### School of Technology and Computing

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### CAREER OPPORTUNITIES

The Facilities Management program is designed to prepare graduates to manage physical facilities such as resorts, health care centers, government facilities, recreational complexes, schools, industrial plants, and apartment buildings. Wherever there are buildings to be maintained there is a career opportunity for the facility manager.

The job of the facility manager can vary considerably depending on the employing

institution, but some of the more common responsibilities are:

- providing environmental control such as heating and cooling
- maintaining buildings and grounds
- approving changes in existing structures and approving plans for new facilities
- supervising personnel
- purchasing
- budgeting and accounting
- preventative maintenance and protection of physical property
- scheduling regular maintenance of facilities
- planning and logistics

### PROGRAMS

Two options are available: An Associate in Applied Science degree and a Bachelor of Science Degree in Technology Management.

*Reminder: an overall grade point average of 2.0 (C) or higher is required for graduation.*

### AAS in Facilities Management

**63 CREDITS**

General Education Requirements:		18 Credits
• ENGL 1010	Introduction to Writing	3.0
• EGDT 1600	Technical Math--Algebra*	3.0
• SOC 1010	Introduction to Sociology	3.0
• PHIL 2050	Ethics and Values	3.0
• PHYS 1010	Elementary Physics	3.0
• ENVT 1200	Environmental Worker Safety	3.0

Discipline Core Requirements:		45 Credits
• ACRT 2420	Heating and Air Conditioning Controls	5.0
• BCCM 1120	Blueprint Reading	2.0
• BCCM 1270	Construction Scheduling	2.0
• BIT 1010	Building Codes	3.0
• BIT 1240	Plumbing Codes	3.0
• BIT 1330	Mechanical Codes	3.0
• BIT 1340	Electrical Codes	3.0
• ECT 1000	Survey of Electronics	2.0
• FAC 1010	Survey of Facilities Management	3.0
• FAC 1600	Survey of Grounds and Building Maintenance (optional) (3.0)	3.0
• FAC 281R	Cooperative Work Experience (1.0)	8.0
• FAC 285R	Cooperative Correlated Class (1.0)	2.0
• DGM 2010	Business Computer Proficiency	3.0
• MGMT 2200	Business Communications	3.0
• MGMT 3170	Entrepreneurship	3.0

#### Graduation Requirements:

- 1 Completion of a minimum of 63 semester credits.
- 2 Overall grade point average of 2.0 (C) or above (departments may require a higher GPA).
- 3 Residency hours: minimum of 20 credit hours through course attendance at UVSC.
- 4 Completion of GE and specified departmental requirements.

#### Footnotes:

\* May be substituted with MATH 1030 or higher.

### BS in Technology Management

**124 CREDITS**

The following Technical Area is available (see the Technology Management section of this catalog for complete degree requirement listings.)

#### Specialization in

### Facilities Management

**45 Credits**

Emphasis Requirements		45 credits
• ACRT 2420	Heating and Air Conditioning Controls	5.0

• BCCM 1120	Blueprint Reading	2.0
• BCCM 1270	Construction Scheduling	2.0
• BIT 1010	Building Codes	3.0
• BIT 1240	Plumbing Codes	3.0
• BIT 1330	Mechanical Codes	3.0
• BIT 1340	Electrical Codes	3.0
• EGDT 1600	Technical Math--Algebra	3.0
• ECT 1000	Survey of Electronics	2.0
• ENVT 1200	Environmental Worker Safety	3.0
• FAC 1010	Survey of Facilities Management	3.0
• FAC 1600	Survey of Grounds and Building Maintenance (optional) (3.0)	3.0
• FAC 281R	Cooperative Work Experience (take twice) (1.0)	8.0
• FAC 285R	Cooperative Correlated Class (take twice) (1.0)	2.0
• MGMT 2200	Business Communications	3.0

*Due to the technical nature of the material in FAC courses, additional reading and math instruction may be required. More information will be given during advisement.*

See Course Descriptions section of the catalog for detailed course information. This department manages the following course prefixes:

- ACRT, Air Conditioning and Refrigeration Technology
- BCCM, Building Construction and Construction Management
- BIT, Building Inspection Technology
- CAW, Cabinetry and Architectural Woodworking
- FAC, Facilities Management
- LINE, Lineman Technology
- WELD, Welding Technology