



AOS DEGREE – CODE #0401

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Each year, more and more students and employers have asked for additional instruction and skills-based training in masonry beyond what is provided by the building construction program. Our masonry program was designed with these desires in mind. It will provide you with extensive instruction after completing the common first-year building construction curricula.

DIRECT ENTRY INTO BACCALAUREATE DEGREE PROGRAM

Alfred State masonry graduates may enter directly into the construction supervision BTEch or technology management BBA degree program. Graduates who have credit for freshman composition, statistics, literature, history, and speech may complete the baccalaureate program in two additional years; others may complete the BBA program in two-and-one-half years.

OCCUPATIONAL OPPORTUNITIES

- Brick or stone salesman
- Kiln mason
- Construction foreman
- Estimator
- Salesperson
- Private or commercial remodeler
- Maintenance supervisor
- Construction superintendent
- Concrete foreman
- Expediter
- Contractor
- Mason

EMPLOYMENT STATISTICS

Employment and continuing education rate of 100 percent – 71 percent are employed; 29 percent continued their education.

RELATED PROGRAMS

Heating, Ventilation, and Air Conditioning
[Building Trades: Building Construction](#)
[Electrical Construction and Maintenance](#)
[Electrician](#)

ENTRANCE REQUIREMENTS/RECOMMENDATIONS

Recommended: Algebra

TECHNICAL STANDARDS

Applicants in the masonry program must be able to meet the following physical requirements:

- Must be able to lift 50 pounds to shoulder height.
- Must be able to perform safely in the laboratory.
- Must be able to communicate orally with a person 20 feet away.
- Must be able to climb a ladder and/or able to climb, unaided, onto and off equipment using three points of contact.
- Must be able to stand for long periods of time.
- Must be able to visually read from a blueprint or drawing.
- Must be able to hear a backup warning alarm.

MASONRY - AOS DEGREE

TYPICAL FOUR-SEMESTER PROGRAM

First

BLCT	1132	Estimating I	2
BLCT	1142	Masonry I	2
BLCT	1124	Construction Essentials I	4
BLCT	1024	Construction Essentials II	4
BLCT	1034	Workplace Environment & Safety	4
BLCT	1022	Wood Fabrication Technology I	2

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Second

BLCT	2132	Estimating II	2
BLCT	2142	Masonry II	2
BLCT	2044	Construction Essentials III	4
BLCT	2054	Construction Essentials IV	4
BLCT	2064	Structural Components	4
BLCT	2032	Wood Fabrication Technology II	2

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Third

BLCT	3159	Masonry III	9
BLCT	3169	Masonry IV	9

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Fourth

BLCT	4176	Masonry V	6
BLCT	4186	Masonry VI	6
BLCT	4043	Masonry Sketching & Detailing	3
BLCT	4053	Blueprint Reading for Masonry	3

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GRADUATION REQUIREMENTS

A student must successfully complete all courses in the prescribed four-semester program and earn a minimum cumulative index of 2.0, which is equivalent to a "C" average.