

Masonry Services & Concrete Fabrication

Description

If you seek a career which is in a growing field and always in demand, then Tulsa Tech's Masonry Services & Concrete Fabrication program offers that opportunity. This program will teach you the skills necessary to pursue career opportunities in the residential, commercial, and remodeling industries. This program offers the option of studying the Masonry and/or the Concrete Fabrication fields. In the Masonry field, you will develop the skills to create walls, patios, sidewalks, fireplaces and more using a variety of materials which include brick, block, rock, tile, and the most modern man-made materials. The Concrete Fabrication field will develop skills creating decorative concrete countertops, sinks, indoor-outdoor fireplaces and furniture and will also teach the industry skills required to finish concrete foundations, walls and slabs.

You will not only learn to read blueprints and estimate a job, but also to layout, line up, and level as well as make arches and curved walls. You may enter the field of masonry or concrete fabrication to become a skilled artisan or branch out to other areas of construction and earn credit toward an associate or baccalaureate degree. No matter what path you choose, your masonry skills will always be useful on both a personal and a professional level.

- Visualize, design, & construct projects such as walls, patios, sidewalks, & fireplaces using a variety of building materials
- Learn the art of concrete fabrication by creating decorative countertops, sinks, and indoor-outdoor fireplaces and furniture
- Work individually & in a professional team environment installing brick, block, stone & tile

College Credit

College credit may be available through TCC, RSU, or OSU-Institute of Technology. For more details call the college relations office at 918-828-5205. All college credit is awarded by the college/university.

Career Majors/Courses

Brick Mason

Courses

First Year
 Construction CORE
 Introduction to Masonry
 Masonry Tools & Equipment
 Measurements, Drawings, & Specifications
 Mortars & Grouts
 Masonry Units & Installation Techniques I
 Masonry Units & Installation Techniques II
 Residential Plans & Drawing Interpretation
 Residential Masonry I
 Residential Masonry II
 Grout & Other Reinforcements
 Metal Work in Masonry
 Advanced Bricklaying Techniques
 Construction Techniques & Moisture Control
 Workforce Staging

Advanced Brick Mason

Courses

Second Year
 Specialized Materials & Techniques
 Construction Inspection & Quality Control
 Masonry Repair & Restoration
 Commercial Drawings
 Site Layout One - Distance Measurement and Leveling
 Estimating
 Commercial Masonry I
 Commercial Masonry II
 Becoming a Crew Leader

Additional Courses (150 Hours) for high school students

Courses

Second Year
 Introduction to Stone Masonry
 Advanced Stone Masonry I

Concrete Fabrication

Courses

TBD

Credential/Industry Certifications

- National Center for Construction Education and Research (NCCER) - Construction Core
- Completion certificate

Area Salary

For information concerning working conditions, physical requirements, employment and job outlook please refer to the Occupational Outlook Handbook (OOH), 2010-11 Edition at <http://www.bls.gov/oco/>.

Salary information can be found at The Occupational Information Network (O*NET) Resource Center at <http://www.onetonline.org/>. O*NET-SOC Code: 47-2021.00 or 47-2051.00

Who Can Attend?

High school students / Adults

Tuition/Fees/Books

- Tuition: \$1,031.25 - \$1,650*
- Lab & Required Fees: \$160*
- Additional Required Costs: \$50*
- Optional Fees: \$157 - \$245

**High school students living in the Tulsa Tech school district are not charged tuition, fees & books.*

Additional required costs: books, equipment, tools, uniforms & supplies.

Scheduling Information

H.S. / 1-2 school years:

August - May

H.S. sessions:

7:45 - 10:45 A.M. / 11:50 - 2:50 P.M.

Adults / 9-21 months Adult sessions:

1/2 Day: 7:45 - 10:45 A.M. / 11:50 - 2:50 P.M.

Adults / 5-9 months Adult sessions:

Day: 7:45 A.M. - 2:50 P.M.

Check with Admissions Office at 918-828-5260 for start dates.

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Employment Opportunities

Tulsa Tech's Career Placement Services team builds partnerships with Tulsa area businesses & industry to create opportunities for work-based experiences and job placement. Job search assistance is provided before and after graduation. Services include with employment information, resume building, refining interview skills and life-time access to the Tulsa Tech Job Connect database. Call Career Placement Services at 918-828-5270 or visit www.tulsatech.edu/jobconnect / email jobconnect@tulsatech.edu.

2009-2010 year completion & placement data:

- Total Enrolled: 33
 - Completion: 64%
 - Completed on-time: 100%
 - Job Placement: 57%
 - Returning Students: 0%
 - OPE ID: 005311 / CIP: 46.0101
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Application Process

Apply ON-LINE at www.tulsatech.edu/apply. Applications can also be obtained in the counseling offices on any of the campuses; at the Career Services Center located on the Memorial Complex; or by calling 918-828-5200.

Financial Aid

Financial assistance is available through several options at Tulsa Tech. For the most up-to-date information, call 918-828-5280 or visit www.tulsatech.edu. Some career majors are eligible for federal financial aid. To apply, go to: www.fafsa.ed.gov.

Campus Location

Lemley Campus

3420 South Memorial Drive
Tulsa, OK 74145-1390
(918) 828-1000
FAX (918) 828-1009
