

Choose Your Career Path . . .

There are 16 Career Clusters in the National Career Clusters Framework, representing more than 79 Career Pathways to help students navigate their way to greater success in college and career! With so many options to consider, where do you start?

First, take a career assessment at your school, to help narrow down the choices that could be a great fit for you. Then start learning about those careers. What are the opportunities? The work environments?

Next, look at what kind of training you need to prepare for that career. Some positions offer on-the-job training. Others require some type of industry credential. Still others may require a post-secondary certificate or degree. What training do you need **to get the career you want?**

Employment Outlook

Employment of plumbers, pipefitters, and steamfitters is projected to grow 16 percent from 2016 to 2026, much faster than the average for all occupations.

Job Prospects

Overall job opportunities are expected to be good, and many plumbers, pipefitters, and steamfitters will be needed to replace those who are expected to retire over the next 10 years. Workers with knowledge of Building Information Modeling (BIM) should have the best job opportunities as integrated building-planning abilities increase in demand.

As with other construction workers, employment of plumbers, pipefitters, and steamfitters is sensitive to fluctuations in the economy. On the one hand, workers may experience periods of unemployment when the overall level of construction falls. On the other hand, shortages of workers may occur in some areas during peak periods of building activity.

Personality

Dependability

Job requires being reliable, responsible, and dependable, and fulfilling obligations.

Attention to Detail

Job requires being careful about detail and thorough in completing work tasks.

Integrity

Job requires being honest and ethical.

Cooperation

Job requires being pleasant with others on the job and displaying a good-natured, cooperative attitude.

Initiative

Job requires a willingness to take on responsibilities and challenges.

Source: This information is based on O*NET™ data. O*NET is a trademark registered to the U.S. Department of Labor, Employment and Training Administration.

Find Your Future!



Construction Technology - Plumbing

The Plumbing certificate is designed for students who wish to concentrate solely on hands-on construction skills. Graduates are prepared for entry-level plumbing positions in a residential setting.

Construction Technology

Triton College has several options for Degree and Certificate programs in the Engineering Technology field.

Available 2-Year Degrees include:

- ➡ • Construction Technology

Triton Certificates include:

- ➡ • Carpentry
- ➡ • Plumbing

Construction Technology combines a hands-on construction program with technical course study. Students will receive hands-on training in trades like carpentry, plumbing, and electricity, as well as obtain the engineering and construction skills to plan, organize, solve problems and communicate well in the execution of building projects. Students will develop financial and business knowledge to become a construction technician. Construction Technology allows students to specialize in their area of interest. Graduates could enter as project coordinators with contractors and engineers, building departments, developers and construction-related fields. The program is designed to provide student with the skills and coursework necessary to transfer to a four-year college or university if they choose.

Can I See Myself Doing This?



Am I good with Things and Ideas?

Start your Triton Plumbing Certificate in Construction Technology

	Course 1	Course 2	Course 3	Course 4
Course	COT 107 Codes, Specifications And Print Reading	COT 111 Plumbing Fixtures, Valves & Faucets	COT 210 Plumbing Fixture Installation	COT 211 Plumbing Fixture Repair
Triton Degree	Construction Technology Degree			
Credential	Plumbing Certificate	Plumbing Certificate	Plumbing Certificate	Plumbing Certificate

Assemble, install, or repair pipes, fittings, or fixtures of heating, water, or drainage systems, according to specifications or plumbing codes.

Get started with skills in the Trades in your Junior and Senior years of high school with these courses required for the Plumbing Certificate at Triton College. All four of the above listed courses qualify for dual credit!

Q: How does that help me?

A: This means you can request electives at Triton College that will:

1. Earn elective credit at your high school, AND
2. Earn college transcript credit at Triton, AND
3. Complete 4 courses towards a 7 course Certificate in Plumbing.
4. Complete a course towards Triton's Construction Technology Degree.

Ask your counselor about making space in your schedule to take dual credit classes that can help move you closer to your career goals!!

Are you ready to commit to building your future?

JOB ZONE

Education— Most occupations in this zone require training in vocational schools, related on-the-job experience, or an associate's degree.

Experience— Previous work-related skill, knowledge, or experience is required for these occupations. For example, an electrician must have completed three or four years of apprenticeship or several years of vocational training, and often must have passed a licensing exam, in order to perform the job.

Training— Employees in these occupations usually need one or two years of training involving both on-the-job experience and informal training with experienced workers. A recognized apprenticeship program may be associated with these occupations.

Plumbers:

EARNINGS—	Entry	Median Annual	Experienced
	\$ 50,616.	\$93,065.	\$104,761.
Hourly	\$24.33	\$44.74	\$ 50.37

Source: This information is based on O*NET data. O*NET is a trademark registered to the US Department of Labor, Employment and Training Administration.

Technology

Accounting software

- Bookkeeping software
- Intuit QuickBooks
- Intuit Quicken
- Job costing software

KRS Enterprises Service First!

Analytical or scientific software

- Elite Software DPIPE
- Elite Software FIRE
- Elite Software HSYM
- Elite Software Spipe
- Heat loss calculation software
- Klear Estimator
- Quote Software QuoteExpress

Computer aided design CAD software

- Autodesk Building Systems
- Drawing and drafting software
- Elite Software Plumbing CAD

Credits

<https://careertech.org/architecture-construction>

[https://illinois.virtuallmi.com/vosnet/lmi/profiles/profileDetails.aspx?](https://illinois.virtuallmi.com/vosnet/lmi/profiles/profileDetails.aspx?session=occdetail&valueName=occupation&cbooccupation=47215202&cbooccupationTYPES=12§ion=employmentWage)

[session=occdetail&valueName=occupation&cbooccupation=47215202&cbooccupationTYPES=12§ion=employmentWage](https://illinois.virtuallmi.com/vosnet/lmi/profiles/profileDetails.aspx?session=occdetail&valueName=occupation&cbooccupation=47215202&cbooccupationTYPES=12§ion=employmentWage)

What Will Your Story Be?

“Whatever you are, be a good one.”

Abraham Lincoln

“Find something that captures your attention and go for it.”

Get Paid To Do What You Love!