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?**

Architectural Drafters - Prepare detailed drawings of architectural designs and plans for buildings and structures according to specifications provided by architect. (There is no video available for Architectural Drafters.)

Drafters typically do the following:
- Design plans using computer-aided design (CAD) software
- Work from rough sketches and specifications created by engineers and architects
- Design products with engineering and manufacturing techniques
- Add details to architectural plans from their knowledge of building techniques
- Specify dimensions, materials, and procedures for new products
- Work under the supervision of engineers or architects

Many drafters are referred to as CAD operators. Using CAD systems, drafters create and store technical drawings digitally. These drawings contain information on how to build a structure or machine, the dimensions of the project, and what materials are needed to complete the project.

Drafters work with CAD so they can create schematics that can be viewed, printed, or programmed directly into building information modeling (BIM) systems. These systems allow drafters, architects, construction managers, and engineers to create and collaborate on digital models of physical buildings and machines. Through three-dimensional rendering, BIM software allows designers and engineers to see how different elements in their projects work together.

Find Your Future!

Architecture

Triton College has several options for Degree and Certificate programs in Architecture.

Available 2-Year Degrees include:
- Architecture A.A.S. Degree

Triton Certificates include:
- Architecture Technology Certificate
- Architectural Design Certificate

Drafters prepare technical drawings and plans. Drafters use software to convert the designs of architects and engineers into technical drawings. Most workers specialize in architectural, civil, electrical, or mechanical drafting and use technical drawings to help design everything from microchips to skyscrapers.

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?

Can I See Myself Doing This?

Start your Architecture A.A.S. Certificate & Degree

	Course 1	Course 2	Course 3	Course 4
Course	**ARC 104 Introduction to Architecture**	**ARC 110 Materials, Methods and Sustainability I**	**ARC 189 AutoCAD & 3D Computer Modeling**	**ARC 261 Revit**
Triton Credential	Architecture Technology Certificate	Architecture Technology Certificate	Architecture Technology Certificate	Architecture Technology Certificate
	Architecture Degree	Architecture Degree	Architecture Degree	Architecture Degree

Get started with skills in high school with these courses required for the Architecture Certificate and Degree 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 Architecture Technology, AND

4. Complete 4 courses towards Triton's Architecture Degree.

JOB ZONE

Education— Most of these occupations require a four-year bachelor's degree, but some do not.

Experience— A considerable amount of work-related skill, knowledge, or experience is needed for these occupations. For example, an accountant must complete four years of college and work for several years in accounting to be considered qualified.

Training— Employees in these occupations usually need several years of work-related experience, on-the-job training, and/or vocational training.

Architectural Drafters

EARNINGS—	Entry	Median Annual	Experienced
	$ 47,904.	$63,197.	$75,422.
Hourly	$23.03	$30.38	$ 36.26

Drafters, All Other: Median annual wage $63,782.

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

Computer aided design CAD software

- Alias Wavefront Design Studio
- Autodesk 3d Studio Viz
- Autodesk Architectural Desktop
- Autodesk AutoCAD
- Autodesk AutoCAD Civil 3D
- Autodesk Revit
- Autodesk Revit Architecture
- Bentley MicroStation
- Dassault Systemes CATIA
- Graphisoft ArchiCAD
- Logitech 3D Pro
- Trimble SketchUp Pro
- UGS Solid Edge
- VectorWorks ARCHITECT

Credits

https://careertech.org/architecture-construction

https://illinois.virtuallmi.com/vosnet/lmi/profiles/profileDetails.aspx?session=occdetail&valueName=occupation&cbooccupation=17301900&cbooccupationTYPES=12&section=description

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What Will Your Story Be?

"I didn't research the different fields, so the one thing I want to say is, research what you want to be, to reach your goals!"

Get Paid To Do What You Love!