

Construction Crafts and HVAC

08-07 State of the Sector Lesson

PARKVIEW EDUCATION

Virtual Workplace Experience (VWE) II

- *Louisiana Career Awareness:* The VWE II provides students the opportunity to explore careers in Louisiana's high-demand industry sectors.
- *Project-Based Learning:* VWE II emphasizes student-selected project-based learning. Meaning, you get to pick your own projects and conduct your own research.
- *Micro-Industry Engagement:* VWE II offers you various opportunities to engage with unfamiliar workplace adults who work in high-wage, high-demand industry sectors. These mentor engagement projects will be among your most treasured high school memories!

Louisiana High-Demand Industry Sectors

- Healthcare and Pharmacy
- Construction Crafts / Skilled Trades
- Information Technology
- Automotive Service and Repair
- Culinary
- Advanced Manufacturing
- Transportation, Trade and Logistics
- Business Management and Finance
- Sales and Customer Service

Construction Crafts and HVAC

- The Construction Crafts sector generally covers two realms: buildings and infrastructure (highways and roads).
- The jobs involved with developing new buildings and roads range from leveling the soil to wiring the building for electricity. There are **many** career options within this sector.



Louisiana Construction Pathways

The following are sample statewide construction certifications, when offered by the school/district, students can earn while in high school.

Jump Start Pathways	Starting Salary
Carpenter	\$17,000 - \$38,000
Electrician	\$17,000 - \$39,000
HVAC Tech	\$29,000 - \$41,000
Oil & Gas T-2 Safety Systems	\$26,000 - \$29,000
Pipefitter	\$20,000 - \$29,000
Plumber	\$23,000 - \$38,000
Welder	\$26,000 - \$38,000

Information obtained from Louisiana Department of Education at <https://www.louisianabelieves.com/resources/library/jump-start-graduation-pathways>

Sample Middle Skill Construction Jobs

Middle skill jobs generally require some education beyond high school, but less than a bachelor's degree. Training can include associate's degrees and/or vocational certificates.

High Skill High-Demand Positions	2017 Employment	Annual Wage
Electrician	11,470	\$51,090
Carpenter	12,200	\$43,680
Welder, Cutter, Solderer, Brazer	14,210	\$49,940

Information obtained from United States Bureau of Labor Statistics at https://www.bls.gov/oes/current/oes_la.htm#49-0000

Sample High Skill Construction Jobs

High skill jobs often require a bachelor's degree. Individuals can also advance to high skill positions through rigorous on-the-job training.

High Skill High-Demand Positions	2017 Employment	Annual Wage
First Line Supervisors of Construction	11,620	\$65,110
Industrial Engineer	1,760	\$98,260
Electrical Engineer	1,160	\$91,600

Information obtained from United States Bureau of Labor Statistics at https://www.bls.gov/oes/current/oes_la.htm#49-0000

Is Construction the right field for you?

According to Careers in Construction, the following eight reasons are why a career in construction might be a good plan for you:

1. There are jobs (lots of jobs)!
2. The money is good.
3. You can start earning money, quickly.
4. You can build a lifelong career.
5. You can build a meaningful career.
6. You can travel.
7. You won't get bored.
8. You get to work with awesome people, just like you.

Take this quiz to see which career in building/construction is right for you! -

<http://www.playbuzz.com/studymyway10/a-what-career-in-building-construction-is-right-for-me>