

WHAT IS EDUCATION WORTH?
(Average earnings of workers 18+ years by education and gender, 1997, U.S. Census Bureau)

Non-High School Graduate:

\$16,124.00 annual average
 \$10,725.00 female annual average
 \$19,575.00 male annual average

High School Graduate:

\$22,895.00 annual average
 \$16,906.00 female annual average
 \$32,641.00 male annual average

Some College or Associate Degree:

\$26,235.00 annual average
 \$19,856.00 female annual average
 \$32,641.00 male annual average

Bachelors Degree:

\$40,478.00 annual average
 \$30,119.00 female annual average
 \$50,056.00 male annual average

Certified Journeyman:

(based on 1st year journeyman's average annual salary from chart on next page – 5th period)

\$40,414.00 annually
 No gender difference

CAN APPRENTICES EARN COLLEGE CREDIT?

Yes! Depending on the delivery agent for the related instruction, some registered programs are set up to allow for continuation of education for an Associate Degree as a part of the Apprenticeship Standards.

CAREER PATH COMPARISON
 (based on 3% wage increase/year and 40 hr week)

College Training – Mechanical Engineer

	<u>Yearly costs</u>	<u>salary</u>	<u>cumulative</u>
1 st	(\$10,000)	\$0	(\$10,000)
2 nd	(\$10,000)	\$0	(\$20,000)
3 rd	(\$10,000)	\$0	(\$30,000)
4 th	(\$10,000)	\$0	(\$40,000)
5 th	\$0	\$45,000	\$5,000
6 th	\$0	\$46,350	\$51,350
7 th	\$0	\$47,741	\$99,091
8 th	\$0	\$49,173	\$148,264
9 th	\$0	\$50,648	\$198,912
10 th	\$0	\$52,167	\$251,079

Apprenticeship Training – Technician

(based on average sampling of 5 trades from registered apprenticeship programs. Using a mean salary for journey workers at \$17.26 per hour and utilizing wage rates of 50%, 60%, 75% and 85% for the first 4 periods at 3% wage increase/yr and a 40 hr week.)

<u>period</u>	<u>rate/hr</u>	<u>annual salary</u>	<u>cumulative</u>
1 st	\$8.63	\$17,950	\$17,950
2 nd	\$10.67	\$22,189	\$40,149
3 rd	\$13.73	\$28,564	\$68,703
4 th	\$16.03	\$33,344	\$102,047
5 th	\$19.43	\$40,414	\$142,461
6 th	\$20.01	\$41,621	\$184,082
7 th	\$20.61	\$42,869	\$226,951
8 th	\$21.23	\$44,158	\$271,009
9 th	\$21.87	\$45,490	\$316,599
10 th	\$22.53	\$46,862	\$363,461

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REGISTERED APPRENTICESHIP AND TRAINING PROGRAM FOR YOUTH

BUILDING TOMORROW'S WORKFORCE

If the nation's economic growth is to continue into the next century, it is important that businesses and educators work together to identify the skills necessary to succeed... to ensure that young people are equipped with the skills needed to succeed in tomorrow's workplace.

Training & Employment Report
U.S. Secretary of Labor



WHAT IS REGISTERED APPRENTICESHIP?

Registered apprenticeship is a combination of OJT (on-the-job) training and RTI (related technical instruction) in which paid employees learn the practical and theoretical aspects of a highly skilled occupation. Working under the direction of skilled workers known as journeyworkers, an apprenticeship can last anywhere from 1 to 6 years depending on the skills and technical knowledge required.

WHO CAN BE AN APPRENTICE?

There are two levels of criteria.

Level one is acceptance by the Local Youth Apprenticeship & Training Advisory Committee which requires:

- ✓ At least 16 years of age
- ✓ Possess a valid Missouri drivers license
- ✓ Have Junior status
- ✓ Have passing MMAT scores in both math and language
- ✓ 2.5 GPA and be in good standing
- ✓ successfully completed Algebra I or Math for Tech 2 and/or other subjects as directed by employers
- ✓ 95% attendance during junior year

Level two is acceptance by the individual sponsoring company where the apprenticeship will take place. One of the following may be required:

- ✓ interview
- ✓ entrance test
- ✓ drug testing
- ✓ background check

WHY SHOULD STUDENTS PARTICIPATE IN A REGISTERED APPRENTICESHIP PROGRAM?

Students will benefit in the following ways:

- Earn wages while still in school
- Career path includes on-the-job training
- Training continues after graduation from school
- Increasingly higher wages throughout the apprenticeship
- Training received under the tutelage of a skilled journey worker during the apprenticeship
- Helps to ensure the individual's employability
- Receive a Certificate of Completion from the U.S. Secretary of Labor at the end of the apprenticeship



HOW MANY OCCUPATIONS ARE APPRENTICABLE BY THE BUREAU OF APPRENTICESHIP AND TRAINING?

The Bureau recognizes over 1,000 occupations for certification. Field specification is limited by market needs. Samples of trades are:

- ❖ Protective signal installer
- ❖ Locksmith
- ❖ Operating engineer
- ❖ Tool & die maker
- ❖ Electrician
- ❖ Automobile mechanic
- ❖ Electronics technician
- ❖ Machinist
- ❖ Dental assistant
- ❖ Carpenter
- ❖ Pipe fitter
- ❖ Structural steel worker
- ❖ Plumber
- ❖ Welder
- ❖ Line erector
- ❖ Telecommunications technician
- ❖ Logistics engineer
- ❖ Purchasing agent
- ❖ Millwright
- ❖ CNA
- ❖ Retail

PUBLIC OPINION POLLS

About 2/3rds of respondents surveyed believe that students would learn more if they were able to apply classroom lessons to work experiences.

9 in 10 feel that high school students would benefit from part-time work experience that uses what they learn in schools.

84% want career preparation to start before or during high school – WQED National Poll, American Viewpoint, '96