COTC Engineering Graduate and Employer Survey Data Summary

Graduate Survey Results

The following data are aggregated from COTC Graduate surveys conducted AY17-18, AY18-19, and AY19-20. Due to item non-response, total number of responses (n) for each item will vary. There are not enough responses to allow us to provide data specific to each engineering program.

88% of Engineering Program graduates are employed within 6 months of graduation

Employment Status	
Employed Full-Time	60.0%
Employed Part-time	28.0%
Not Employed and Not looking for Work	4.0%
Not employed But Looking for Work	8.0%
n=25, Combined engineering graduate responses to Graduate Surveys for AY 17-18, 18-19, and 19-20	

100% of Engineering Program graduates are employed in an occupation that utilizes their Engineering degree

Reported Occupations (AY17-18, AY18-19, and AY19-20 Graduates)	Ohio^ Average Wage 2019	Ohio Median Wage 2019
Architectural and Civil Drafters	56,760	54,920
Electrical and Electronics Drafters	60,720	59,430
Mechanical Drafters	57,290	55,980
Civil Engineering Technologists and Technicians	58,690	58,930
Electrical and Electronic Engineering Technologists and Technicians	61,060	62,120
Electro-Mechanical and Mechatronics Technologists and Technicians	59,820	50,430
Mechanical Engineering Technologists and Technicians	55,670	55,140
Career/Technical Education Teachers, Postsecondary*	59,320	61,020
n=22, Combined engineering graduate responses to Graduate Surveys for AY 17-18, 18-19, and 19-20 ^Bureau of Labor Statistics State Wage Information May 2019; Average wage for all engineering occupations=$81,160 and median wage= $76,380		
*Teaching engineering courses		

The table above lists the occupations reported by COTC graduates, recoded to match the Bureau of Labor Statistics (BLS) occupational classification codes (SOC). The most recent average and median wages for Ohio are provided for the purposes of contextualizing average wage reported by graduates. The BLS considers median wage to correlate to "mid-career" earnings.

The average wage below is the calculated average from the annualized yearly wage reported by graduate survey respondents. We are not able to use wage data collected prior to AY18-19, as the data format was incompatible with such a calculation.

Average yearly earnings of Engineering Program graduates
$53, 084

n=11, Combined engineering graduate responses to Graduate Surveys for AY 18-19 and 19-20 only

Engineering Program graduates are employed in Engineering, Construction, Manufacturing, Retail, Education, and Business industry sectors

Employment Sector	
Professional and Technical Services	66.7%
Manufacturing	9.5%
Construction	9.5%
Retail Trade	4.8%
Management of Companies and Enterprises	4.8%
Educational Services	4.8%
n=21, Combined engineering graduate responses to Graduate Surveys for AY 17-18, 18-19, and 19-20 1	

Employer industry was determined based upon employer information provided by survey respondents. Industry sectors are categorized per the BLS North American Industry Classification System (NAICS).

100% of Engineering Program graduates would recommend COTC to others

n=12, Combined engineering graduate responses to Graduate Surveys for AY 17-18, 18-19, and 19-20

Employer Survey Results

The following results are aggregated from Employer Surveys administered in 2018, 2019, and 2020.

100% of employers are "Satisfied" or "Very Satisfied" with COTC graduates

Overall Satisfaction (2019 and 2020 Only)	
Satisfied	54.5%
Very Satisfied	45.5%
n=11	

100% of employers say they would hire a COTC graduate again

Would you hire a COTC graduate again?	
Yes	100.0%
No	0.0%
n=9	

100% of employers who responded say they would recommend COTC graduates to other employers

Would you recommend COTC graduates to another employer?	
Yes	100.0%
No	0.0%
n=5	

Below are comments provided by employers:

The graduates from COTC, no matter if they are just entering the workforce or if they are seasoned employees, always have a drive in their work ethics, a strong attention to detail, a willingness to learn more and the work they produce is top notch.

Our experience has been they are hard working and understand the basics of what we need well enough to hit the ground running.

I've worked students from most of the Universities & Community Colleges around central Ohio the COTC students are more rounded to meet any challenge not just in their particular field of study. Best Architectural program in the Mid West.

Good employee, wish he had a little more construction background

The graduates have an ACI Field Testing Technician Grade I certification, which is great. It would be better if they had more instruction as to why we're testing concrete and other aspects of materials testing and inspection.

Some are excellent, and some are good

We do not currently have a graduate. We are very interested in the program, especially the Civil 3d training. We would hire a COTC graduate. Our biggest issue is that we need our new employees to work in our Columbus Office for support / training.

One of our most recent hires is extremely motivated and engaged in his project. Please keep us informed if you have any graduates in the Civil Engineering program.

Overall OK. CAD and Drafting abilities need more work than I anticipated.

They appear competent in understanding software and basic knowledge of how to actually build off of drawings. Additional hands on experience needed.

As mentioned, we have not had the opportunity to hire a COTC grad at this point.