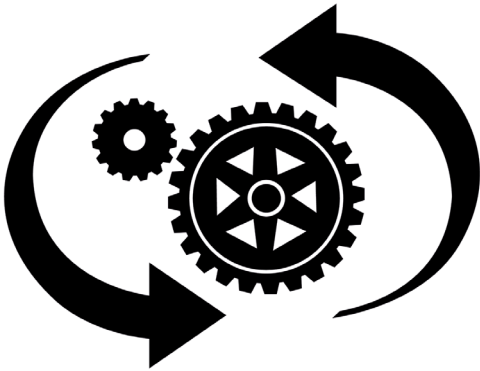


AOE



# Aerospace Engineer

I am responsible for performing engineering duties in designing, constructing, and testing aircraft, missiles, and spacecraft. I often conduct basic and applied research to evaluate adaptability of materials and equipment to aircraft design and manufacture. I also recommend improvements in testing equipment and techniques.

## Wages & Employment Trends

Median Wages (2017)

\$54.34 hourly, \$113,030 annually

Projected Growth (2016-2026)

■■■■ Average (5% to 9%)

## Most Common Education Levels (Top 3)

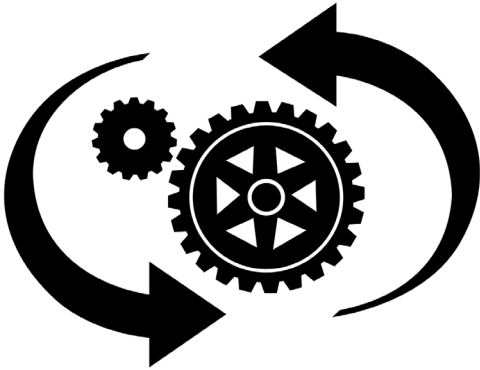
8%  Associate's degree

59%  Bachelor's degree

33%  Master's degree

Source: [www.ONetOnline.org](http://www.ONetOnline.org) | Secretaries and Administrative Assistants

AOE



Materials  
Engineer

I am responsible for evaluating materials and developing machinery and processes to manufacture materials for use in products that must meet specialized design and performance specifications. I might specialize in one type of material, such as graphite, metal, alloys, ceramics, glass, plastics, polymers, or naturally occurring materials.

## Wages & Employment Trends

Median Wages (2017)

\$45.48 hourly, \$94,610 annually

Projected Growth (2016-2026)

 Slower than average (2% to 4%)

## Most Common Education Levels (Top 3)

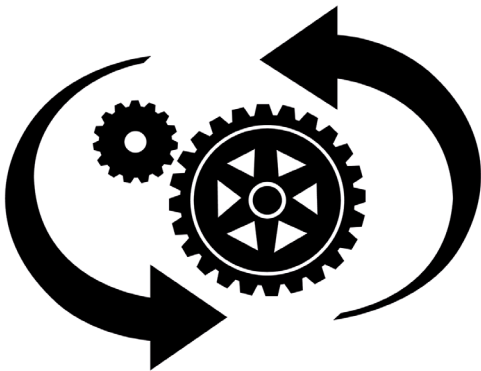
51%  Bachelor's degree

31%  Master's degree

8%  Doctoral degree

Source: [www.ONetOnline.org](http://www.ONetOnline.org) | Materials Engineers

AOE



Mechanical  
Engineering  
Technician

I am responsible for applying theory and principles of mechanical engineering to modify, develop, test, or calibrate machinery and equipment under the direction of engineering staff or physical scientists. I often devise, fabricate, and assemble new or modified mechanical components, such as industrial machinery and measuring instruments.

## Wages & Employment Trends

Median Wages (2017)

\$26.62 hourly, \$55,360 annually

Projected Growth (2016-2026)

■■■■ Average (5% to 9%)

## Most Common Education Levels (Top 3)

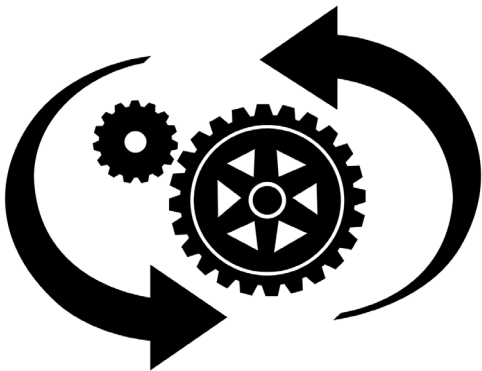
N/A ■■■■■ Post-secondary certificate

N/A ■■■■■ Associate's degree

N/A ■■■■■ Bachelor's degree

Source: [www.ONetOnline.org](http://www.ONetOnline.org) | Mechanical Engineering Technicians

AOE



# Civil Engineering Technician

I am responsible for planning, designing, and overseeing the construction and maintenance of structures and facilities under the direction of engineering staff or physical scientists. I apply civil engineering theories and principles in my work. I often calculate dimensions, square footage, and material quantities by using a calculator or computer.

## Wages & Employment Trends

Median Wages (2017)

\$24.82 hourly, \$51,620 annually

Projected Growth (2016-2026)

■■■■ Average (5% to 9%)

## Most Common Education Levels (Top 3)

30%  Post-secondary certificate

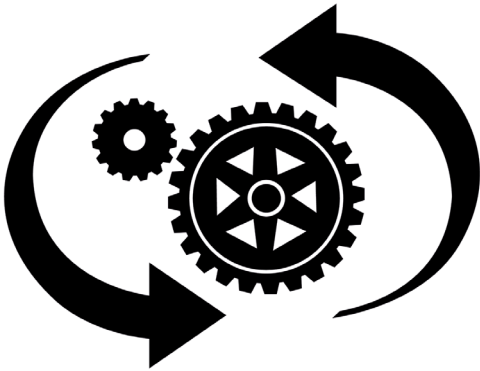
28%  Some college, no degree

21%  Associate's degree

Source: [www.ONetOnline.org](http://www.ONetOnline.org) | Civil Engineering Technicians



AOE



# Aircraft Mechanic

I am responsible for diagnosing, adjusting, repairing, or overhauling aircraft engines and assemblies, such as hydraulic and pneumatic systems. I conduct routine and special inspections as required by regulations and inspect completed work to certify that the maintenance meets current standards and that the aircraft is ready for operation.

## Wages & Employment Trends

Median Wages (2017)

\$29.34 hourly, \$61,020 annually

Projected Growth (2016-2026)

■■■■ Average (5% to 9%)

## Most Common Education Levels (Top 3)

12% ■■■■■ HS diploma or equivalent

60% ■■■■■ Some college, no degree

25% ■■■■■ Associate's degree

Source: [www.ONetOnline.org](http://www.ONetOnline.org) | Aircraft Mechanics and Service Technicians