

# STEM

Science  $\triangle$  Technology  $\triangle$  Engineering  $\triangle$  Math

**careers offer the chance to...**

Design software, including video games.

Repair aircraft engines.

Conduct chemical experiments.

Apply mathematical research.



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**Average Hourly Wage,  
Minimum Education and Training Needed**

Occupation	Average Hourly Wage*	Minimum Education
Aircraft Mechanic and Service Technician	\$23.76	Postsecondary Vocational Certificate
Bioinformatics Technician **	\$18.06**	Postsecondary Vocational Certificate
Chemist	\$30.79	Bachelor's Degree
Geneticist ***	\$30.38***	Bachelor's Degree
Hydrologist	\$37.92	Bachelor's Degree
Mathematician	\$41.69	Master's Degree or Higher
Industrial Engineer	\$33.40	Master's Degree
Software Developers, Applications	\$43.80	Associate's Degree
Environmental Engineer	\$34.20	Bachelor's Degree

\* All wages based on 2012 estimates prepared by Florida Department of Economic Opportunity, Labor Market Statistics Center, Occupational Employment Statistics Program.

\*\* 'Bioinformatics Technician' is a detailed occupation falling under the 'Statistical Assistants' broad occupation.

\*\*\* 'Geneticist' is a detailed occupation falling under the 'Biological Scientists, All Other' broad occupation.



Florida Department of Economic Opportunity  
Labor Market Statistics Center

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[floridajobs.org/labor-market-information](http://floridajobs.org/labor-market-information)

[floridajobs.org](http://floridajobs.org)

TTY is available via the Florida Relay Service at 711



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If you enjoy understanding how things work or like to develop new ideas,  
then a career in STEM may be for you.



## Aircraft Mechanic & Service Technician

Diagnose, adjust, repair, or overhaul aircraft engines and assemblies, which may include hydraulic and pneumatic systems. Specialists may work on helicopter and aircraft engines.



## Bioinformatics Technician

Study living organisms and their environment. Research fundamental life processes and develop new products or processes.



## Chemist

Conduct chemical analyses or chemical experiments in laboratories to develop new products or knowledge.



## Geneticist

Study inheritance and variation of characteristics in forms of life. Perform experiments to determine environmental factors in origin and development of inherited traits.



## Hydrologist

Research the distribution and circulation of underground and surface waters; study the form and intensity of precipitation, its rate of infiltration into the soil, movement through the earth, and its return to the ocean and atmosphere.



## Mathematician

Conduct research of mathematical techniques for science, management, and other fields. Solve problems in various fields by mathematical methods.

## Industrial Engineer

Design, develop, test and evaluate integrated systems for managing industrial production processes.



## Software Developers, Applications

Design and develop many types of software, including computer games, business applications, operating systems, network control systems, and middleware.



## Environmental Engineer

Design or perform engineering duties in the prevention and control of environmental health hazards utilizing various engineering disciplines.

