

## What is STEM?

**STEM** stands for a cluster of careers in the fields of:

- **Science**
- **Technology**
- **Engineering**
- **Math**

### **STEM Careers are:**

- **Cutting Edge**
- **Well Paying**
- **Beneficial**
- **In Demand**

Equal Opportunity Employer/Program

Auxiliary Aids and Services available on request to individuals with disabilities.

USDOL Workforce Innovation Fund



### **4 Local Workforce Investment Areas:**

- **Capital Region:**  
(Albany-Schenectady-Rensselaer);
- **Columbia-Greene;**
- **Fulton-Montgomery-Schoharie; and**
- **Saratoga-Warren-Washington**

Links to the  
Greater Capital Region Career Centers

[www.capreg.org](http://www.capreg.org)

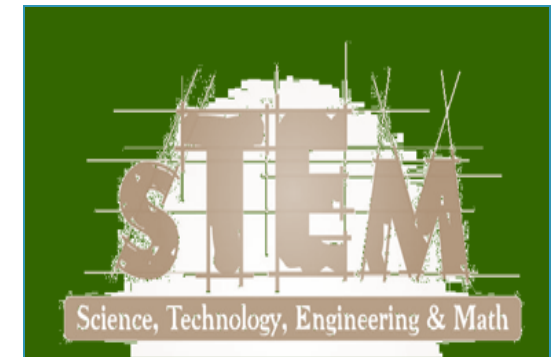
[www.columbiagreenevents.org](http://www.columbiagreenevents.org)

[www.fmsworkforcesolutions.org](http://www.fmsworkforcesolutions.org)

[www.thejoblink.org](http://www.thejoblink.org)

Visit Your Local  
One-Stop Career Center  
**TODAY**

# STEM CAREERS and You!



**Where Your  
Strengths  
Meet the  
World's Needs**

## What's in it for You?

- Earn good pay, starting with an Associate's Degree
- Enjoy job security
- Learn new things every day
- Create innovative ways of doing things
- Enjoy career growth opportunities

## Some Average Salaries

- Welders - \$42K
- Registered Nurses - \$61K
- Health Information Technicians - \$33K
- CNC Machine Operators - \$38K
- Civil Engineering Technicians - \$50K

**In fact, many STEM jobs that require an Associate's Degree pay better than non-STEM jobs requiring a Bachelor's Degree.**

## People Who Like STEM often Like:

- Physical activities
- Hands-on tasks
- Practical solutions
- Tool-oriented problem solving

## STEM Industries in Our Region Include:

- Health Care
- Advanced Manufacturing
- Bio-Technology
- Information Technology
- Energy
- Nanotechnology

### ***The Greater Capital Region Workforce Investment Boards***

Columbia-Greene, The Capital Region, Fulton-Montgomery-Schoharie, and Saratoga-Warren-Washington have received a special Federal Workforce Innovation Fund Grant to address the region's STEM worker shortage.

## The Steps Up to STEM

Before you can begin a career in any field you have to be able to demonstrate the required foundational skills:

- Math on the Job
- Reading for Information
- Situational Judgment
- Active Listening
- Computer Literacy

## STEM Means Security

In the Greater Capital Region, individuals with an Associate's Degree or 1 year certificate working in STEM related jobs:

- Earn, on average, \$12,000 more per year than people in other fields
- Have an easier time finding employment because STEM jobs with a Positive Employment Outlook provide 9% more employment opportunities than other, non-STEM career options.