

Cool Careers in Iowa



The State of Iowa has identified a handful of industries for growth in the next five years.

Among them are Advanced Manufacturing, Bioscience, and Information Technology.

Iowa's success in Advanced Manufacturing supplies cutting-edge, innovative products in all sorts of industries and is building the world's diversified manufacturing economy of the future. Some of the world's leading companies operate in Iowa, including CNH America, LLC, Siemens, Rockwell Collins, John Deere, Alcoa and HNI Corporation.

From start-up companies to globally respected names in Bioscience, Iowa is creating breakthroughs from better nutrition to life-saving medicine to renewable fuels.

Iowa may be known for some of the world's most fertile cropland, but in recent years, it's been fertile ground for rapid growth in the Information Technology sector as well. In the last three years alone, IBM, Google and Microsoft have opened facilities in Iowa.

Scholarships

A number of scholarships are available to SCC students through the SCC Foundation. In addition, SCC students pursuing specific programs in STEM (Science, Technology, Engineering, Math) may be eligible for SCC's S-STEM Scholarship, which covers up to 100% of tuition and books.

For more info, visit www.scciowa.edu/highschool.

Career Exploration Resources

Curious about more career info and college prep?

Visit www.icansucceed.org or www.ihaveaplaniowa.gov.

Talk to your school's guidance counselor for additional resources.

See what the pros have to say!



Find out what these people like about their jobs, why they chose their profession, and maybe even gain a career tip or two.

Visit SCC's youtube channel to watch: www.scciowa.edu/highschool

Southeastern
COMMUNITY COLLEGE

Advanced Manufacturing

Key growth clusters:

- Agricultural & Construction Machinery
- Building & Construction Products
- Food Processing & Products
- Polymers & Plastic Products
- Automation & Industrial Machinery

Areas of study: Engineering, Chemistry, Physics, Mathematics

Relevant SCC programs:

- Automotive Technology
- Drafting Technology
- Electronics Technology
- Industrial Maintenance Technology
- Welding Technology
- AA Transfer

Examples of careers in Advanced Manufacturing:

- Electronic Technician
- Industrial Engineering Technician
- Maintenance Repair Worker
- Robotics Technician
- Production Manager
- Mechanical Engineer

Bioscience

Key growth clusters:

- Agricultural Feedstock & Chemicals
- Drugs & Pharmaceuticals
- Research, Testing & Medical Laboratories
- Medical Devices & Equipment
- Biofuels

Areas of study: Chemistry, Biology, Engineering, Agriculture, Veterinary Medicine, Pharmacy, Horticulture, Medicine

Relevant SCC programs:

- Agriculture & Agriculture Management
- Biomedical Electronics Technology
- AA Transfer

Examples of careers in Bioscience:

- Chemist
- Laboratory Technician
- Microbiologist
- Process Engineer
- Quality Control Associate
- Veterinarian

Information Technology

Key growth clusters:

- Advanced Visualization
- Human-Computer Interaction
- Information Technology Security Systems
- Optical Science Laser Technologies

Areas of study: Computer Science, Engineering, Mathematics, Graphic Design

Relevant SCC programs:

- Animation for Television, Film and New Media
- Graphic Communications
- Network Administration and Cyber Security
- Web Design and Administration
- AA Transfer

Examples of careers in Information Technology:

- Support Specialist
- Database Administrator
- Network Architect
- Information Security Analyst
- Video Game Designer
- Computer Animator
- Web Developer
- Computer Hardware Engineer

In partnership with:



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West Burlington Campus
1500 West Agency Road
West Burlington, IA 52655
319 752-2731 x5018
1-800-SCC-IOWA

Keokuk Campus
335 Messenger Road
Keokuk, IA 52632
319 524-3221 x1923
1-800-SCC-IOWA