

Fastest Growing Nontraditional Jobs for Women

Hudson Valley, NY

1) *Computer and Information Research Scientists*

Description: Conduct research into fundamental computer and information science as theorists, designers, or inventors. Develop solutions to problems in the field of computer hardware and software.

- 36% increase in employment
- Average wage: n/a
- Education needed: Doctoral or professional degree

2) *Environmental Engineering Technicians*

Description: Apply theory and principles of environmental engineering to modify, test, and operate equipment and devices used in the prevention, control, and remediation of environmental problems, including waste treatment and site remediation, under the direction of engineering staff or scientist. May assist in the development of environmental remediation devices

- 29% increase in employment
- Average wage: \$53,660
- Education needed: Associate's degree

3) *Health Specialties Teachers, Postsecondary*

Description: Teach courses in health specialties, in fields such as dentistry, laboratory technology, medicine, pharmacy, public health, therapy, and veterinary medicine.

- 29% increase in employment
- Average wage: \$106,390
- Education needed: Doctoral or professional degree

4) *Structural Iron and Steel Workers*

Description: Raise, place, and unite iron or steel girders, columns, and other structural members to form completed structures or structural frameworks. May erect metal storage tanks and assemble prefabricated metal buildings.

- 27% increase in employment
- Average wage: \$74,060
- Education needed: High school diploma

5) *Clergy*

Description: Conduct religious worship and perform other spiritual functions associated with beliefs and practices of religious faith or denomination. Provide spiritual and moral guidance and assistance to members.

- 26% increase in employment
- Average wage: \$55,800
- Education needed: Bachelor's degree

6) *Plumbers, Pipefitters, and Steamfitters*

Description: Assemble, install, alter, and repair pipelines or pipe systems that

- 26% increase in

carry water, steam, air, or other liquids or gases. May install heating and cooling equipment and mechanical control systems.

employment

- Average wage: \$83,840
- Education needed: High school diploma

7) *Audio and Video Equipment Technicians*

Description: Set up, or set up and operate audio and video equipment including microphones, sound speakers, video screens, projectors, video monitors, recording equipment, connecting wires and cables, sound and mixing boards, and related electronic equipment for concerts, sports events, meetings and conventions, presentations, and news conferences. May also set up and operate associated spotlights and other custom lighting systems.

- 25% increase in employment
- Average wage: \$51,300
- Education needed: Postsecondary non-degree award

8) *Information Security Analysts*

Description: Plan, implement, upgrade, or monitor security measures for the protection of computer networks and information. May ensure appropriate security controls are in place that will safeguard digital files and vital electronic infrastructure. May respond to computer security breaches and viruses

- 23% increase in employment
- Average wage: \$104,480
- Education needed: Bachelor's degree

9) *Security and Fire Alarm Systems Installers*

Description: Install, program, maintain, and repair security and fire alarm wiring and equipment. Ensure that work is in accordance with relevant codes.

- 23% increase in employment
- Average wage: \$54,560
- Education needed: High school diploma

10) *Computer-Controlled Machine Tool Operators, Metal and Plastic*

Description: Operate computer-controlled machines or robots to perform one or more machine functions on metal or plastic work pieces.

- 22% increase in employment
- Average wage: \$41,590
- Education needed: High school diploma