

Fastest Growing Nontraditional Jobs for Women

Southern Tier, New York

1) *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.

- 23% increase in employment
- Average wage: \$36,980
- Education needed: Postsecondary non-degree award

2) *Criminal Justice and Law Enforcement Teachers, Postsecondary*

Description: Teach courses in criminal justice, corrections, and law enforcement administration. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research.

- 20% increase in employment
- Average wage: \$79,380
- Education needed: Doctoral or professional degree

3) *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.

- 18% increase in employment
- Average wage: \$47,500
- Education needed: Bachelor's degree

4) *Conservation Scientists*

Description: Manage, improve, and protect natural resources to maximize their use without damaging the environment. May conduct soil surveys and develop plans to eliminate soil erosion or to protect rangelands. May instruct farmers, agricultural production managers, or ranchers in best ways to use crop rotation, contour plowing, or terracing to conserve soil and water; in the number and kind of livestock and forage plants best suited to particular ranges; and in range and farm improvements, such as fencing and reservoirs for stock watering.

- 17% increase in employment
- Average wage: \$67,010
- Education needed: Bachelor's degree

5) *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.

- 17% increase in employment
- Average wage: \$86,230
- Education needed: Bachelor's degree

6) *Natural Sciences Managers*

Description: Plan, direct, or coordinate activities in such fields as life sciences, physical sciences, mathematics, statistics, and research and

- 17% increase in employment
- Average wage: \$130,700

development in these fields.

7) *Health Educators*

Description: Provide and manage health education programs that help individuals, families, and their communities maximize and maintain healthy lifestyles. Collect and analyze data to identify community needs prior to planning, implementing, monitoring, and evaluating programs designed to encourage healthy lifestyles, policies, and environments. May serve as resource to assist individuals, other health professionals, or the community, and may administer fiscal resources for health education programs.

- Education needed: Bachelor's degree

- 15% increase in employment
- Average wage: \$50,740
- Education needed: Bachelor's degree

8) *Plumbers, Pipefitters, and Steamfitters*

Description: Assemble, install, alter, and repair pipelines or pipe systems that carry water, steam, air, or other liquids or gases. May install heating and cooling equipment and mechanical control systems.

- 14% increase in employment
- Average wage: \$54,550
- Education needed: High school diploma

9) *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.

- 13% increase in employment
- Average wage: \$37,680
- Education needed: High school diploma

10) *Vocational Education Teachers, Postsecondary*

Description: Teach or instruct vocational or occupational subjects at the postsecondary level to students who have graduated or left high school. Includes correspondence school instructors; industrial, commercial, and government training instructors; and adult education teachers and instructors who prepare persons to operate industrial machinery and equipment and transportation and communications equipment.

- 11% increase in employment
- Average wage: \$55,180
- Education needed: Bachelor's degree