

INFORMATION TECHNOLOGY



Information Technology (IT) includes jobs that design, implement, manage, and safeguard technology. It uses computers, software, networks, servers, and other technology to manage and store data. Jobs in IT fall into 4 career categories below-example jobs are also listed.

- ⇒ Example job in **Information Support & Services:** video game designers
- ⇒ Example job in **Network Systems:** computer network support specialist
- ⇒ Example job in **Programming & Software Development:** computer programmers
- ⇒ Example job in **Web & Digital Communication:** web developers

Training Requirement: Varies. Example jobs above require an Associates Degree or less

Median Annual Wage for Example Jobs (Wages are for 2020):

- ◆ Video Game Designers: \$77,200 (or \$37.12/hr)
- ◆ Computer Network Support SPC.: \$65,450 (or \$31.47/hr)
- ◆ Computer Programmers: \$89,190 (or \$42.88/hr)
- ◆ Web Developer: \$77,200 (or \$37.12/hr)

Demand for Information Technology careers is projected to increase as the digital world and technology continue to grow exponentially.

Rochester Rehabilitation Center's **Strengthening Working Families Initiative (SWFI)** offered a program in partnership with area employers, businesses, education and training institutions and community organizations to create access to living-wage jobs, and support career advancement in high demand industries for parents with dependent children at home. Job training, job placement, career advancement and benefits management were all a part of this initiative. Key Partners: Child Care Council, Inc. and Action for a Better Community, Inc.

SWFI provided low- to middle-skilled parents opportunities to advance in their careers in high-growth or in high-demand industries-including health care, advanced manufacturing, and information technology – while addressing barriers related to accessing training and employment faced by those with child care responsibilities.

The training directory was produced by SWFI's Trainers Network. The Network, led by the SWFI partner, Action for a Better Community, Inc, consisted primarily of training programs, as well as workforce system organizations, government agencies and community-based organizations in Monroe County, NY that came together to address training-related community needs.

On July 1, 2021, the SWFI program will end. However, **Rochester Rehabilitation Center staff are available to provide information about getting help with paying for training-related items, childcare and transportation.** Staff will also have information about the future work of the Trainers Network and the program to replace SWFI. For more information, contact:

Rochester Rehabilitation Center
1357 University Avenue
Rochester, NY 14607
(t) 585-263-2690
SWFI@ROCHESTERREHAB.ORG

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STRENGTHENING WORKING FAMILIES INITIATIVE (SWFI)



Information Technology Training Resource Directory Degree Programs

to help parents in Monroe County become aware of available information technology training resources

For a list and description of **all** of the information technology careers, go to www.onetonline.org or contact SWFI.

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Organization	Location	Website	Areas of Study & Degrees Offered	Help with Paying for Training
Bryant and Stratton College	Henrietta Campus: 1225 Jefferson Road Rochester, NY 14623 (t) 585-292-5627 Greece Campus: 854 Long Pond Road Rochester, NY 14612 (t) 585-720-0660	www.bryantstratton.edu/locations/rochester-ny	Associates Degree=A.A., A.S., A.A.S. Bachelor's Degree=B.A, B.S. Bachelor of Professional Studies=B.P.S. Masters=M.A, M.S., MBA, MeD PhD *Areas of study with an asterisks means that some or all of the trainings are available online **Contact the organization to get more information/updated information	Contact RochesterWorks, Inc. or NYS Department of Labor at www.Rochesterworks.org and www.dol.ny.gov/find-job-0 or 585-258-3500 Contact SWFI *for information about getting help with paying for training –related items, childcare and transportation-see last page for contact info
Finger Lakes Community College (FLLC)	3325 Marvin Sands Drive Canandaigua, NY 14424 (t) 585-394-3522	www.flcc.edu/academics/areas.cfm	Information Technology Assistant (diploma)*; Networking Technology (AAS)* Architectural Technology (A.A.S.); Biotechnology (A.S.); Computer Information Systems (A.S.)*; Computer Science (A.S.)*; Engineering Science (A.S.)*; Game Programming and Design (A.S.)*; Mechanical Technology (A.A.S.); Networking and Cybersecurity (A.A.S.)*; Web and Mobile Development (A.A.S.); Smart Systems Technology (A.A.S.)*	Cost: Varies *for more information, go to: www.bryantstratton.edu/financial-aid/scholarships Cost: Varies *for more information, go to: www.flcc.edu/offices/financial-aid/
Genesee Community College (GCC)	1 College Rd Batavia, NY 14020 (t) 585-343-0055	www.genesee.edu/academics/programs/IT/	Computer Information Systems (A.A.S.)*; Computer Support and Operations (A.A.S.)*; Computer Systems and Network Technologies (A.A.S.)*; Web Design (A.A.S.)*	Cost: Varies *for more information, go to: www.genesee.edu/offices/finaid/
Monroe Community College (MCC)	1000 East Henrietta Road Rochester, NY 14623 (t) 585-685-6283 Workforce Development Address: Downtown Campus Building: 32, Room: 704, 321 State Street Rochester, NY 14608 (t) 585-685-6283	www.monroecc.edu	Computer Information Systems (A.A.S., A.S.)*; Computer Science (A.S.)*; Computer Systems Technology (A.A.S.)*; Information Technology (A.S.)*; Information and Network Technology (A.A.S.)*; Office Technology-Office Administrative Assistant (A.A.S.)*	Cost: Varies *for more information, go to: www.monroecc.edu/tuition-aid/https://monroecc.academicworks.com

Organization	Location	Website	Areas of Study & Degrees Offered	Help with Paying for Training
Rochester Institute of Technology (RII)	One Lomb Memorial Drive Rochester, NY 14623 (t) 585-475-2411	www.rit.edu	<p>Associates Degree=A.A., A.S., A.A.S. Bachelor's Degree=B.A, B.S. Bachelor of Professional Studies=B.P.S. Masters=M.A, M.S., MBA, MeD PhD</p> <p>*Areas of study with an asterisks means that some or all of the trainings are available online</p> <p>**Contact the organization to get more information/updated information</p>	<p>Contact RochesterWorks, Inc. or NYS Department of Labor at www.Rochesterworks.org and www.dol.ny.gov/find-job-0 or 585-258-3500</p> <p>Contact SWFI for information about getting help with paying for training –related items, childcare and transportation-see last page for contact info</p>
SUNY Empire State College Empire State College at Rochester	680 Westfall Road Rochester, NY 14620 (t) 585-224-3200	www.esc.edu/locations/rochester	Computer Engineering (B.S., M.S.); Computer Engineering Technology (B.S.); Computer Science (B.S., M.S.); Computing & Information Technology (B.S.); Computing & Information Science (PhD); Computing Security (B.S., M.S)*; Game Design & Development (B.S., M.S.); Management Information Systems (B.S.); Mobile Application Development (A.A.S.); Software Engineer (B.S.); Web & Mobile Computing (B.S.); Electrical & Computer Engineering (PhD); Image Science (M.S., PhD); Information Technology & Analytics (M.S.); Information Science & Technology (M.S)*; Software Engineering (M.S.)	<p>Cost: Varies *for more information, go to: http://www.rit.edu/emcs/financialaid/scholarships.html</p>
St. John Fisher College (SJFC)	3690 East Avenue Rochester, NY 14618 (t) 585-385-7394	www.sjfc.edu	Science, Mathematics & Technology (A.A., A.S, B.A., B.S., B.P.S)*; Information Technology Management (MBA)*	<p>Cost: Varies *for more information, go to: www.sjfc.edu/admissions-aid/financial-aid</p>
University of Rochester	Office of the President 240 Wallis Hall Rochester, NY 14627 (t) 585-275-8356	www.hajim.rochester.edu	Computer Science (B.A., B.S., M.S. PhD); Electrical & Computer Engineer (B.S.)	<p>Cost: Varies *for more information, go to: https://admissions.rochester.edu/financial-aid/</p>