INFORMATION TECHNOLOGY

Strengthening Working Families Initiative

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.

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

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.

The SWFI program ends on June 30, 2021. 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

STRENGTHENING WORKING FAMILIES INITIATIVE (SWFI)

Information Technology Training Resource Directory

Certificate & Certification Programs

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

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Program	Location	Website	Other Program Information	Help with Paying for Training
			*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**
Boundless Connections	Boundless Connections Technology Center 260 East Main Street, Suite 2600 Rochester, NY 14604 (t) 585-420-6868	https://rochester.boundlessconnections.com	Length of Training: 3 months *Training completers receive a certification	Cost: $1500/month for 3 months (15 hrs/wk) Note: trainings available for other age groups at a lower cost
CED Solutions: Microsoft-Cisco-IT Bootcamp	CED Solutions Bootcamp: (t) 1-800-611-1840 Financing : (t) 1-800-611-1840	www.cedsolutions.com/computer-training-course/rochester-NY	Length of Training: Varies *Training completers receive a certification	Cost: Varies; free (one-time) retake class *for more information, call the training program
GCC: Computer Repair (online classes available)	Genesee Community College (GCC) 1 College Road Batavia, NY 14020 (t) 585-343-0055	www.genesee.edu/academics/programs/IT/	Length of Training: One Year *Training completer receive a certification	Cost: Varies *for more information, go to: www.genesee.edu/offices/finaid/
GCC: Help Desk (online classes available)	Genesee Community College (GCC) 1 College Road Batavia, NY 14020 (t) 585-343-0055	www.genesee.edu/academics/programs/IT/	Length of Training: N/A *Training completers receive a certification	Cost: Varies *for more information, go to: www.genesee.edu/offices/finaid/
GCC: Web Design (online classes available)	Genesee Community College (GCC) 1 College Road Batavia, NY 14020 (t) 585-343-0055	www.genesee.edu/academics/programs/IT/	Length of Training: N/A *Training completers receive a certification	Cost: Varies *for more information, go to: www.genesee.edu/offices/finaid/
MCC: Computer Aided Design & Drafting	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/etsdbs/MCCatPub.nsf/OnlineCatalog-CertificatePrograms?OpenView+C10:C13	Length of Training: N/A *Training completers receive a certification	Cost: Varies *for more information, go to: www.monroecc.edu/tuition-aid/https://monroecc.academicworks.com
MCC: Office Technology-Office Administrative Assistant	Monroe Community College 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/etsdbs/MCCatPub.nsf/OnlineCatalog-CertificatePrograms?OpenView	Length of Training: One year *Training completers receive a certification	Cost: Varies *for more information, go to: www.monroecc.edu/tuition-aid/https://monroecc.academicworks.com

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New Horizon: Microsoft Office & Desktop Application Classes	New Horizons Rochester 3535 Winton Place Rochester, NY 14623 (t) 585-350-7070	www.newhorizonsatlo.com	Length of Training: Varies *Training completers receive a certification	Cost: Varies *for more information, call the training program
New Horizon: Microsoft Technical and Other Technical Classes (self-paced or instructor-led)	New Horizons Rochester 3535 Winton Place Rochester, NY 14623 (t) 585-350-7070	www.newhorizonsatlo.com	Length of Training: Varies *Training completers receive a certification	Cost: Varies *for more information, call the training program
New Horizon: CompTIA Classes (self-paced or instructor-led)	New Horizons Rochester 3535 Winton Place Rochester, NY 14623 (t) 585-350-7070	www.newhorizonsatlo.com	Length of Training: Varies *Training completers receive a certification	Cost: Varies *for more information, call the training program
New Horizon: Data Science Classes (self-paced or instructor-led)	New Horizons Rochester 3535 Winton Place Rochester, NY 14623 (t) 585-350-7070	www.newhorizonsatlo.com	Length of Training: Varies *Training completers receive a certification	Cost: Varies *for more information, call the training program
New Horizon: Cybersecurity Classes (self-paced or instructor-led)	New Horizons Rochester 3535 Winton Place Rochester, NY 14623 (t) 585-350-7070	www.newhorizonsatlo.com	Length of Training: Varies *Training completers receive a certification	Cost: Varies *for more information, call the training program
ONLC: Desktop Applications Classes (self-paced or instructor-led)	ONLC Training Centers 140A Metro Park Rochester, NY 14623 (t) 1-800-288-8221	www.onlc.com/dirnyr2.htm	Length of Training: Varies *Training completers receive a certification	Cost: Varies; free (one-time) retake class *for more information, call the training program
ONLC: Process & Programming Classes (self-paced or instructor-led)	ONLC Training Centers 140A Metro Park Rochester, NY 14623 (t) 1-800-288-8221	www.onlc.com/dirnyr2.htm	Length of Training: Varies *Training completers receive a certification	Cost: Varies; free (one-time) retake class *for more information, call the training program
ONLC: Server & Cybersecurity Classes (self-paced or instructor-led)	ONLC Training Centers 140A Metro Park Rochester, NY 14623 (t) 1-800-288-8221	www.onlc.com/dirnyr2.htm	Length of Training: Varies *Training completers receive a certification	Cost Varies; free (one-time) retake class *for more information, call the training program
ONLC: Microsoft Technical Classes (self-paced or instructor-led)	ONLC Training Centers 140A Metro Park Rochester, NY 14623 (t) 1-800-288-8221	www.onlc.com/dirnyr2.htm	Length of Training: Varies *Training completers receive a certification	Cost Varies; free (one-time) retake class *for more information, call the training program

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RIT: Cybersecurity Bootcamp	Rochester Institute of Technology (RIT) Cyber Range and Training Center Global Cybersecurity Institute 100 Lomb Memorial Drive Rochester, NY 14623 (t) 585-475-2963 cybersecurity@rit.edu	www.rit.edu/cybersecurity/cybersecurity-bootcamp	Length of Training: 40 hours/week (15 weeks) *Training completers receive a certificate of completion	Cost: $10,000 *for more information, go to www.rit.edu/cybersecurity/cybersecurity-bootcamp
RIT: Cybersecurity (online classes available)	Rochester Institute of Technology One Lomb Memorial Drive Rochester, NY 14623 (t) 585-475-2411	www.rit.edu/online/study/cybersecurity-adv-cert	Length of Training: Varies *Training completers receive a certification	Cost: Varies *for more information, go to: http://www.rit.edu/emcs/financialaid/scholarships
RIT: Artificial Intelligence in Computer Science	Rochester Institute of Technology One Lomb Memorial Drive Rochester, NY 14623 (t) 585-475-2411	www.rit.edu/study/artificial-intelligence-computer-science-adv-cert	Length of Training: Varies *Training completers receive a certification	Cost: Varies *for more information, go to: http://www.rit.edu/emcs/financialaid/scholarships.html
RIT: Wed Development	Rochester Institute of Technology One Lomb Memorial Drive Rochester, NY 14623 (t) 585-475-2411	www.rit.edu/study/web-development-adv-cert	Length of Training: Varies *Training completers receive a certification	Cost: Varies *for more information, go to: http://www.rit.edu/emcs/financialaid/scholarships.html
SUNY ATTAIN Lab: Intuit QuickBooks (online)	SUNY ATTAIN Lab @ Trenton and Pamela Jackson R-Center North Clinton Avenue, Room CC201 Rochester, NY 14605 (t) 585-348-8219 rcenter.tpjattain@eoc.suny.edu	www.rcb.sunyattain.org *for enrollment form, go to: https://learn.sunyattain.org/local/user/contact.php?s=RCB	Length of Training: 30 minutes-1 hour *Training completers receive a certificate	Cost: Free; open to the public
SUNY ATTAIN Lab: Microsoft Digital Literacy (self-paced; online)	SUNY ATTAIN Lab @ Trenton and Pamela Jackson R-Center North Clinton Avenue, Room CC201 Rochester, NY 14605 (t) 585-348-8219 rcenter.tpjattain@eoc.suny.edu	www.rcb.sunyattain.org *for enrollment form, go to: https://learn.sunyattain.org/local/user/contact.php?s=RCB	Length of Training: 30 minutes-1 hour *Training completers receive a certificate	Cost: Free; open to the public

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			*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**
SUNY ATTAIN Lab: Microsoft Office Specialist (self--paced; online)	SUNY ATTAIN Lab @ Trenton and Pamela Jackson R-Center North Clinton Avenue, Room CC201 Rochester, NY 14605 (t) 585-348-8219 rcenter.tpjattain@eoc.suny.edu	www.rcb.sunyattain.org *for enrollment form, go to: https://learn.sunyattain.org/local/user/contact.php?s=RCB	Length of Training: Minimum 3 weeks *Training completers receive a certification	Cost: Free; open to the public
SUNY ATTAIN Lab: Microsoft Technology Associate (self--paced; online)	SUNY ATTAIN Lab @ Trenton and Pamela Jackson R-Center North Clinton Avenue, Room CC201 Rochester, NY 14605 (t) 585-348-8219 rcenter.tpjattain@eoc.suny.edu	www.rcb.sunyattain.org *for enrollment form, go to: https://learn.sunyattain.org/local/user/contact.php?s=RCB	Length of Training: Minimum 3 weeks *Training completers receive a certification	Cost: Free; open to the public
SUNY Empire: Information Technology Management (online classes)	SUNY Empire State College Empire State College at Rochester 680 Westfall Road Rochester, NY 14620 (t) 585-224-3200	www.esc.edu/locations/rochester	Length of Training: Varies *Training completers receive a certificate of completion	Cost: Varies *for more information, go to: www.esc.edu/admissions