

Fox Valley Technical College


**National Convergence Technology Center
National Visiting Committee Meeting
April 16-17, 2014
Frisco, TX**





During the Past Academic Year

- IT Convergence Program Enrollment 2013
 - Spring enrollment 871
 - Fall Enrollment 793
 - Graduates 114
- IT Convergence Programs
 - Network Specialist
 - Computer Support Specialist
 - Network Systems Administration
 - Software Developer
- IT Convergence Certificates
 - Network Infrastructure
 - Network Administration
 - Exploring IT Careers (new)
 - Mobile Applications Development (new)
 - Database
 - Desktop Support
 - Security
 - Help Desk Specialist (TD)




Graduate Employment Report

- A summary report of data for the six-month (2012-2013) period after graduation
 - 2014 research reports an **89% graduate employment rate**, which is consistent with past years
 - Student Satisfaction with FVTC

2013 graduates' significant satisfaction with FVTC. 58% Very Satisfied 39% Satisfied 3% Less Than Satisfied	2013 graduates' reasons for attending FVTC. 79% Job or career-related reasons 14% Preparing for further education 7% Personal or other
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Survey research was conducted and compiled by Andrea Bauman, Research and Survey Assistant, and Laura Waurio, Research Data Analyst. Special recognition and appreciation are extended to them for their diligent data collection, detailed calculations and informational survey results of nearly 5,000 graduates.



IT-Network Specialist

	IT - Network Specialist 101502 Associate in Applied Science Degree		
	Class of 2013	Class of 2008	Class of 2008
	6 Months After Graduation	6 Months After Graduation	5 Years After Graduation
Total Number of Graduates	37	25	25
Number Responding	28	18	12
Total Employed	19	13	10
Percent Employed	83%	76%	91%
Related Employment	13	9	7
Unrelated Employment	6	4	3
Seeking Employment	4	4	1
Not in Labor Market	5	1	1
Employed in the District	14 of 19	8 of 13	6 of 10
Median Annual Salary	31,200	29,120	56,160
Average Annual Salary	31,646 (13)	31,137 (7)	55,937 (7)
Range of Annual Salary	24,960 - 41,600	22,880 - 39,520	36,400 - 75,000
Average Hourly Rate	15.21 (13)	14.97 (7)	26.89 (7)
Average Hours Per Week	42 (13)	41 (8)	42 (7)
Employed Full Time	13	8	7
Employed Part Time	-	1	-
Range of Hours Per Week	40 - 50	40 - 45	40 - 45


() = number of graduates responding



IT-Computer Support Specialist

	IT - Computer Support Specialist 101543 Associate in Applied Science Degree		
	Class of 2013	Class of 2008	Class of 2008
	6 Months After Graduation	6 Months After Graduation	5 Years After Graduation
Total Number of Graduates	28	18	18
Number Responding	21	10	6
Total Employed	16	6	5
Percent Employed	89%	86%	83%
Related Employment	10	4	4
Unrelated Employment	6	2	1
Seeking Employment	2	1	1
Not in Labor Market	3	-	-
Employed in the District	13 of 16	4 of 6	2 of 5
Median Annual Salary	29,560	-	40,220
Average Annual Salary	33,718 (8)	30,293 (3)	45,469 (4)
Range of Annual Salary	24,960 - 52,000	22,880 - 39,998	36,400 - 65,000
Average Hourly Rate	16.21 (8)	14.56 (3)	21.86 (4)
Average Hours Per Week	40 (8)	42 (3)	41 (4)
Employed Full Time	8	3	4
Employed Part Time	2	1	-
Range of Hours Per Week	38 - 40	37 - 45	40 - 45

() = number of graduates responding




IT-Network Systems Administration

	IT - Network Systems Administration 101505 Associate in Applied Science Degree		
	Class of 2013	Class of 2008	Class of 2008
	6 Months After Graduation	6 Months After Graduation	5 Years After Graduation
Total Number of Graduates	9	-	-
Number Responding	8	-	-
Total Employed	6	-	-
Percent Employed	86%	-	-
Related Employment	4	-	-
Unrelated Employment	2	-	-
Seeking Employment	1	-	-
Not in Labor Market	1	-	-
Employed in the District	4 of 6	-	-
Median Annual Salary	-	-	-
Average Annual Salary	30,197 (3)	-	-
Range of Annual Salary	29,120 - 31,200	-	-
Average Hourly Rate	14.47 (3)	-	-
Average Hours Per Week	40 (3)	-	-
Employed Full Time	3	-	-
Employed Part Time	1	-	-
Range of Hours Per Week	40 - 40	-	-

() = number of graduates responding

This program had graduates beginning in 2011-12



IT-Software Developer

IT - Software Developer**
101521
Associate in Applied Science Degree

	Class of 2013	Class of 2008	Class of 2008
	6 Months After Graduation	6 Months After Graduation	5 Years After Graduation
Total Number of Graduates	35	16	16
Number Responding	23	12	7
Total Employed	15	11	7
Percent Employed	71%	100%	100%
Related Employment	15	11	6
Unrelated Employment	6	-	1
Seeking Employment	2	1	-
Not in Labor Market	2	1	-
Employed in the District	14 of 15	9 of 11	5 of 7
Median Annual Salary	40,550	45,218	64,000
Average Annual Salary	43,135 (14)	54,501 (10)	63,831 (6)
Range of Annual Salary	20,800 - 65,000	31,200 - 99,000	35,360 - 96,000
Average Hourly Rate	20.74 (14)	26.20 (10)	30.74 (6)
Average Hours Per Week	42 (15)	40 (11)	43 (6)
Employed Full Time	15	11	6
Employed Part Time	37 - 75	35 - 50	38 - 50
Range of Hours Per Week			

() = number of graduates responding

Strategic Improvement Plans for Course Completion

- **Substituted** Ethics for Contemporary American Society, Substitute Technical Reporting for Economics, Math and Logic for Tech math 1A
- **Piloted flipped Classes** (10-150-129 Scripting using PERL)
- **Pilot - Contact students** without activity at three week mark prior to withdraw (10-154-107 Desktop Security and Configuration) typically don't get anything back they have already checked out. Few students will come back saying they are sorry
- **Student Help Desk** – Customer Contact assessment added to 10-154-102 IT Customer Service Skills -- Student Help Desk provided real hands on experience like they will have once on the job

Strategic Improvement Plans for Program Persistence

- **Offer IT Career Exploration** prior to start of classes so students make better career path decisions prior to the start of the semester. 2-4 students per course have changed IT degrees to a different degree in IT. We lose 1 student from our IT degree going into different career selection.
- **Incorporate job loss and pay increase data** into New Student Registration presentation. This information has been placed into IT Career Exploration.
- **Review pre-requisites and co-requisites** for all courses. Helps keep students on track for completing courses with a higher rate of success.
- **Use Production report SA0000653** "Academic Advising Detail by Student" in place of Degree Progress Report when advising. – Quicker response for students and consistent delivery of information. The only trouble is this report stop functioning prior to advising week and currently isn't in production.

Strategic Improvement Plans for Graduation Completion

- **Increased Adv. Comm. attendance** and interaction using group sharing sessions
- **Increase internship opportunities** by handling internship management within the IT team. Internships – finding out that most if not all students are not interested in this for credit but to land a job.
- **Offer first and second semester classes** in Oshkosh – enrollments are steady. Reduce amount of travel for students.
- **Investigating Database Design for Online Delivery:** This was investigated and found impractical as the course is team based and certain activities have to be done as a group. For an online class, there is no practical method for guaranteeing all students in a group can meet at a certain time
- **BIZ Squad** plans continue to develop in partnership with Gateway Technical College to provide real-life work experience for our graduates working with the community

Strategic Improvement Plans for Course Completion

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Business and Industry Partnerships

- **FVTC Board** taking a more active role
- **Partnerships with the following** to facilitate industry involvement in creating and supporting adult career pathways
 - Chamber of Commerce and
 - Work force development
- **Grant project** to lead efforts in the development of reliable and fair indicators of Technical Skills Attainment (TSA) with the help of industry partners
- **Business and Leadership Meetings** held
 - Jan 22, 2013
 - May 7, 2013
 - October 8, 2013

Student Outreach and Coaching

Collaboration to insure smooth passage with secondary schools, colleges, and universities to enable students' smooth passage requires working with partners on multiple levels.

- With K-12 school districts, this collaboration has two levels
 - On a student level, Fox Valley Technical College (FVTC) has partnered with high schools to assist in three key areas:
 - 1) to complete high school;
 - 2) to explore careers and discover technical education; and
 - 3) to obtain college credit while in high school through several statutorily defined initiatives.
 - On a professional level
 - relationships with area school districts are developed and nurtured through collaborative meetings, professional growth activities, and fiscal support of career and technical education initiatives.
- In addition, career exploration activities are hosted to expose middle-school students to career and technical education.

Middle School Activity	2011	2012	2013
TechSpace Summer Camp	32	45	0
GirlTech Summer Camp	51	55	50
FVTC Fab Lab	27	66	71
Power of Manufacturing Camp	35	17	17
Adventures in Print Summer Camp	11	21	10
GirlTech Robotics Club	4	5	0
LETTIE	0	15	14
Total	160	224	162

Articulation

Articulation agreements with four-year colleges and universities provide credit transfer options for FVTC associate degree graduates who seek to continue their education in baccalaureate programs. This past year, with the reorganization of our K-12 and college efforts, was spent working on efficiently positioning FVTC at the center of the spectrum of choices for District high school students

- Collaboration with Technical Colleges
- Collaboration with Four-Year Colleges/Universities

FVTC Students Transferring to Four Year Schools	2010-2011	2011-2012	2012-2013
University of Wisconsin - Oshkosh	183	245	245
University of Wisconsin - Fox Valley	49	71	80
Rasmussen College - Appleton	NA	NA	60
Lakeland College	44	33	54
Rasmussen College - Green Bay	NA	NA	41
University of Wisconsin - Green Bay	24	39	40
University of Phoenix	23	20	31
University of Wisconsin - Stevens Point	9	24	30
Marian University	24	32	28
University of Wisconsin - Milwaukee	22	25	19

Source: Natalie Shuler Claessghwa

Virtual Lab

- Status
 - Currently providing over 2,000 Virtual machines for classroom use
 - Have purchased and in processing of installing NetLab+ appliances
 - First NetLab+ courses to go online in the Fall of 2014 will be:
 - Cisco 1 & 2
 - Virtualization
 - Security

Best Practices

- "We know Fox Valley Tech graduates come prepared with the skills they need for the workplace of today and tomorrow."

Patty V. Bassett Mechanical
- "When employers look to fill almost any position, a solid technical background helps a prospect stand out," states Doug Waterman, associate dean of IT and distance learning at FVTC. "Many of our graduates also go on to combine new skills with their technical knowledge for a variety of career options."

Looking Forward

Fox Valley Technical College is proud to partner with the National Center for Convergence Technology in reaching the grant goals:

- Program Improvement
- Professional Development for Educators
- Recruitment and Attraction of Underserved Populations
- Partnership Development and Management

We are dedicated to performing the work needed to support the goals listed above

Fox Valley Technical College (FVTC) is pleased to be a partner in the National Science Foundation Advanced Technological Education proposal to establish the National Center for Convergence Technology

- This summer, FVTC will host Summer Working Connections North June 2-6, 2014 on emerging convergence technology topics for high school and community college faculty
- FVTC will continue to provide flexible learning options that support the project goal to furnish technology-enabled instructional support systems
- FVTC will continue to support the project's recruitment and retention efforts, as well as the dissemination of best practices and other work arising from the project.