



**Fox Valley**  
TECHNICAL COLLEGE®  
*Knowledge That Works*

# Earn a College Degree

## Admissions Guide & Catalog



**2017-2018**

[www.fvtc.edu](http://www.fvtc.edu)



# Our Grads Get Jobs!

## Graduate employment rate of 94%

Want to prepare for a career that's in demand and offers great earning potential? You've come to the right place! Fox Valley Technical College has been the college of choice in this community for over 100 years. You get high-tech occupational training for the workplace of today. Fox Valley Tech offers hands-on training for jobs that are the fabric of our community – from law enforcement and health care to business and advanced manufacturing... and everything in between. With over 200 programs to choose from, you can put your career on the fast track.

View our graduate employment survey results: [www.fvtc.edu/GraduateEmployment](http://www.fvtc.edu/GraduateEmployment)





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Need more reasons  
to choose FVTC?  
[www.fvtc.edu/WhyFVTC](http://www.fvtc.edu/WhyFVTC)



# Why do employers hire our grads?



Because they have the necessary skills to do the job! We work closely with area employers to ensure our students are learning the skills needed in today's competitive workplace. In addition to those technical skills, you'll also learn Employability Essentials, the skills and behaviors employers want in the workplace.



## **Adapt to Change**

Anticipate changes and positively respond to them.



## **Think Critically and Creatively**

Apply independent and rigorous reasoning that leads to informed decisions, innovation and personal empowerment.



## **Work Collaboratively**

Work collaboratively with others to complete tasks, solve problems, resolve conflicts, provide information and offer support.



## **Communicate Effectively and Respectfully**

Apply appropriate writing, speaking and listening skills across various settings to engage diverse audiences.



## **Act Responsibly**

Apply ethical standards in both personal and professional behavior.

View our graduate  
employment survey  
results:

[www.fvtc.edu/GraduateEmployment](http://www.fvtc.edu/GraduateEmployment)

Fox Valley Technical College's 94% graduate employment rate doesn't happen by chance. The high employment rates are the result of carefully connecting graduates' skills to employer needs.

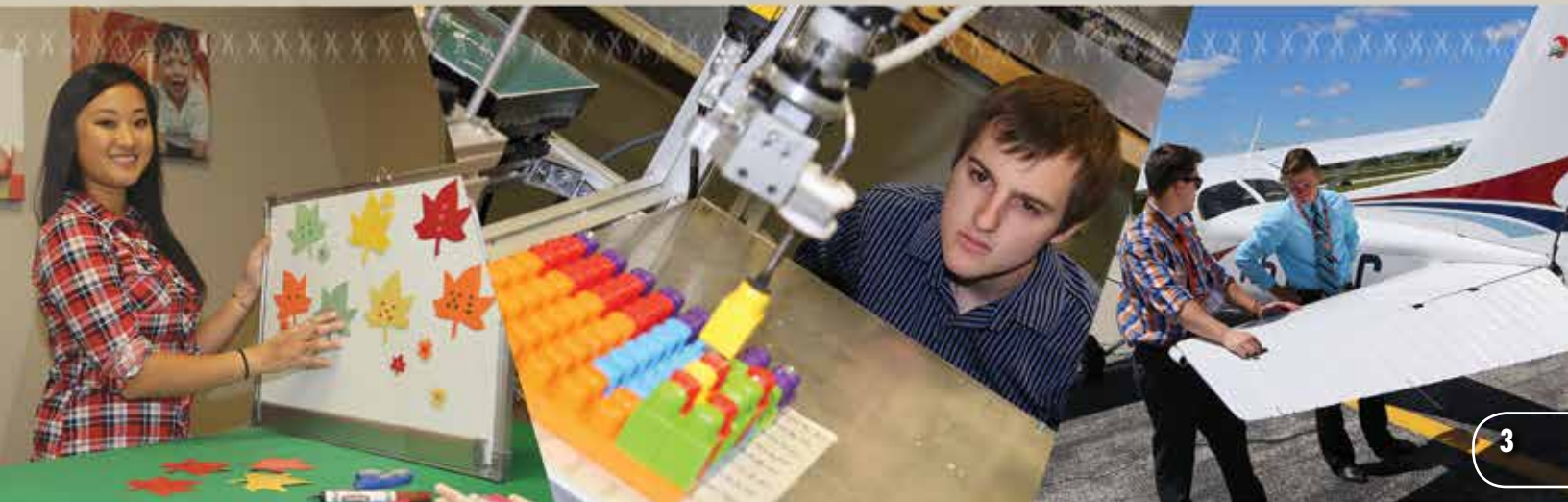


# Why choose a technical college?

## You should consider attending Fox Valley Technical College if:

- You want the most **efficient** and **affordable** option for higher education.
- You prefer small classes where you **build relationships** with your **instructors** and other **students**.
- You want **hands-on learning** using the **latest technology** so you'll be job ready.
- You think you might want to **continue** your education to earn a **four-year bachelor's degree** or more.
- You have an interest that translates into **skills that employers value**. With **200+ programs** to choose from, you're sure to find a good fit.
- You want to learn from expert instructors with **real-world work experience**.
- You're looking for a career that's in demand with **high graduate employment** rates of **94%**. Two out of three of the fastest growing occupations require a technical college education.
- You want to **follow your dream**, not someone else's.

Find more information: [www.fvtc.edu/ChoosingACollege](http://www.fvtc.edu/ChoosingACollege)



# Ways to Visit

There are lots of opportunities to visit Fox Valley Tech. With campuses and regional centers throughout the Fox Valley region, you're sure to find a convenient location that meets your needs.

- Check out our annual Community Open House in early October, where you can explore the campus and learn about all our program options. Some of our training centers also have preview events throughout the year.
- Come for a structured visit designed to give you an in-depth exploration of a specific program area, as well as a general college overview and panel discussion.

If our pre-scheduled events don't meet your needs, contact us to explore other options.

More ways to visit:  
[www.fvtc.edu/Visit](http://www.fvtc.edu/Visit)  
1-800-735-FVTC (3882)  
ext. 4740

Check out our Facebook page  
for future students:  
[facebook.com/DiscoverFVTC](https://facebook.com/DiscoverFVTC)



## Not sure where to begin?

Choosing a college can be exciting and overwhelming. Make sure you have the information you need by asking the right questions. Here are a few to get you started:

1. Which degrees are offered? Is the program you are interested in available?
2. What are the admission requirements?
3. How much will it cost? Are financial aid and scholarships available?
4. Will your credits transfer?
5. Is the college accredited?
6. What is student life like? What types of organizations and activities are offered?
7. What type of employment support is available for graduates?
8. Where are graduates working?

Find the answers:  
[www.fvtc.edu/ChoosingACollege](http://www.fvtc.edu/ChoosingACollege)



# Let's Get Started...

## Apply Now — It's Easy!



# 1

### Choose your program of study

Fox Valley Technical College offers more than 200 hands-on, career-centered programs of study. Choose the one that's right for you at [www.fvtc.edu/Programs](http://www.fvtc.edu/Programs).

# 2

### Complete the application for admission

Complete your application online at [www.fvtc.edu/Apply](http://www.fvtc.edu/Apply). If you need assistance, visit any FVTC location or call us at 920-735-5645.

- If you're a first-time applicant, a \$30 non-refundable application fee is required.
- Some programs require an official copy of your high school transcript, GED/HSED transcript and/or college transcripts.
- Most degree and diploma programs also require a placement assessment (\$15 non-refundable fee). To schedule your assessment, visit [www.fvtc.edu/SkillsAssessment](http://www.fvtc.edu/SkillsAssessment) or call 920-993-5139.
- Some programs have additional admission requirements. Check your program requirements at [www.fvtc.edu/Programs](http://www.fvtc.edu/Programs) or call us at 920-735-5645 for more information.
- Once your application has been processed, you'll be contacted by mail regarding your next steps.

# 3

### Apply for financial aid

If you need help paying for college, apply for federal financial aid at [www.fafsa.gov](http://www.fafsa.gov). The Free Application for Federal Student Aid is the first step to determine your eligibility for federal grants, student loans and work-study. Find more information about paying for college, including scholarships, at [www.fvtc.edu/FinancialAid](http://www.fvtc.edu/FinancialAid).

**You'll need this:**  
FVTC Title IV School Code 009744

# 4

### Entering your program

When all your admissions requirements have been met, you'll receive an acceptance letter in the mail, along with an invitation to sign up for new student registration. Sessions are held about 2-3 months before classes begin, so watch for information and instructions in the mail.

**Congratulations! You're ready to begin your classes.**

**Still undecided about which program is right for you?**  
Our career counselors can help. Visit [www.fvtc.edu/Counseling](http://www.fvtc.edu/Counseling) or call 920-735-5696 to schedule an appointment.

**Apply today:**  
[www.fvtc.edu/Apply](http://www.fvtc.edu/Apply)





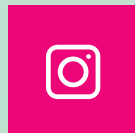
# Connect with Fox Valley Tech



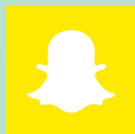
**Like.** [facebook.com/FoxValleyTech](https://facebook.com/FoxValleyTech)



**Tweet.** [@FoxValleyTech](https://twitter.com/FoxValleyTech)



**See.** [@FoxValleyTech](https://www.instagram.com/FoxValleyTech)



**Snap.** [@FoxValleyTech](https://www.snapchat.com/add/FoxValleyTech)



**Read.** [President's Blog: fvtcsusan.wordpress.com](https://fvtcsusan.wordpress.com)



**Follow.** [Fox Valley Technical College](https://www.linkedin.com/company/FoxValleyTechnicalCollege)



**Watch.** [youtube.com/FoxValleyTech](https://youtube.com/FoxValleyTech)

**More ways to stay up-to-date: [www.fvtc.edu/Connect](http://www.fvtc.edu/Connect)**

# Credit for Prior Learning

Many students come to Fox Valley Tech with college credits they've already earned, either while in high school or at other colleges and universities. It's also possible to be granted credit for career-related knowledge and skills you've already mastered.

## Transferring Credit Into FVTC

If you've already earned credits from other regionally accredited institutions of higher education, you may be able to transfer those credits to Fox Valley Tech and apply them toward your program requirements. To request credit for prior learning, you must submit your official transcripts for review.

## Advanced Standing

It's also possible to be granted credit in an associate degree or technical diploma program for knowledge and skills that directly relate to the program curriculum. Advanced standing may be obtained through the following methods:

- Examination
- First-hand learning (previous work experience, military training, business and industry training, etc.)
- Partnership agreements with high schools
- Apprenticeship training



For more information on these and other credit transfer options:  
[www.fvtc.edu/CreditForPriorLearning](http://www.fvtc.edu/CreditForPriorLearning)

## High School Students, Get College Credit Now!

There are a number of ways to earn college credit while you're still in high school. Talk to your high school counselor for more information about the options to put your college career on the fast track.

# Services & Campus Resources

## Counseling & Advising Services

Counseling and advising services are available to assist you with career, academic and personal concerns.

**Career** counseling assists you in making a career decision by identifying skills, values, interests, and occupational and educational opportunities.

**Academic** advising assists you in modifying the behaviors or skills necessary to succeed academically.

**Personal** counseling is available to assist you with concerns which may interfere with academic or personal success.

**Group workshops** are held throughout the school year for academic and career development.



## Disability-Related Services

Fox Valley Technical College is an accessible college community where students with disabilities have an equal opportunity to fully participate in all aspects of the educational environment.

## Diversity & Inclusion Services

Resources are available to all underrepresented student populations. Our focus is on creating a campus that is inclusive and accepting of differences while celebrating and supporting the uniqueness of all students. Cross-cultural programs and dynamic student support services are available to help enhance your college experience and academic success.

## Tutoring & Study Groups

Tutoring assistance and study groups are available to help you stay on track with your academic progress.

## Veterans Services

Returning veterans often have specific counseling needs related to re-entry and funding for school. If you're a returning veteran, you can access additional services and resources specific to these unique needs.

## Library

A variety of resources such as books, journals, DVDs and other services are available to support your educational and informational needs. The library also offers computers, printers, photocopier, study space with comfy seating and group study rooms.

## Bookstore

Purchase your books, supplies and school spirit merchandise in the FVTC Bookstores located on the Appleton and Oshkosh Riverside campuses. Both locations offer a complete selection of new, used, and digital textbooks, or you may purchase your textbooks online. Some textbooks are also available for rental.

Find more information:  
[www.fvtc.edu/Admissions](http://www.fvtc.edu/Admissions)



## Parking

There's plenty of free student parking at all of our campuses. No need to purchase a parking pass; just park in the designated student lots for hassle-free convenience.

## Bus Service

Ride for free! You can use the Appleton Valley Transit or Oshkosh Go Transit bus service free with a valid FVTC Student ID card, anytime or anywhere the buses run.

## Campus Safety

At Fox Valley Tech, we work hard to create a safe, welcoming campus community. You can feel comfortable and secure while you're in class; we're proud of the low crime statistics on our campus.

## Student Housing

Tech Village is located two blocks from the Appleton campus and offers apartment style living with private kitchens and bathrooms. Living at Tech Village includes all utilities, an on-site fitness room, study spaces, public computers and recreational areas.

## Dining on Campus

Breakfast and lunch are available most days at both the Appleton and Oshkosh Riverside Campuses, with more limited service over the dinner hour. With a variety of tasty options to choose from, you're sure to find just what you need to keep you going throughout the day.

## Fitness Center

The Appleton campus offers free access to a Fitness Center that features a variety of exercise equipment, health programs and group fitness classes, as well as shower and locker facilities.

## Health Services

Assistance is available if you need first-aid or medical care while on campus, including over-the-counter medication for minor illness. In addition, program-related immunizations and medical tests are offered on campus.

## Child Care

The Fox Valley Technical College Parent/Child Center is located at the Appleton campus and is open to FVTC students and staff. The center offers safe, high-quality, and affordable child care and is licensed for 96 children, ages 6 weeks through 5 years year-round and 6-9 years old during summer only.

## Employment Connections

Employment services begin when you enroll as an FVTC student and continue throughout your employment career. Get help with:

- Full- and part-time job opportunities
- Individual employment advising
- Employment events and job fairs
- On-campus employer interviews



A complete list of contact information can be found on page 83.

# Affordable Education

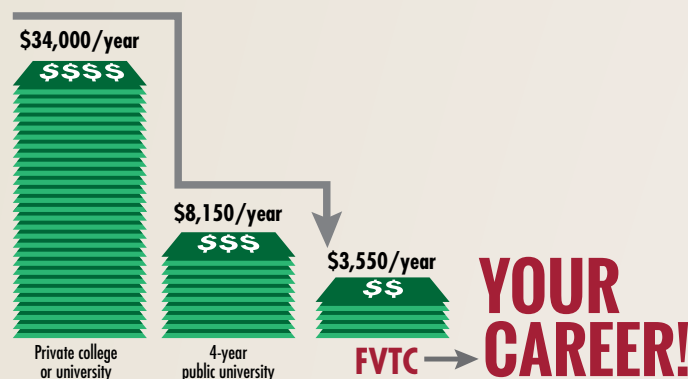
## Tuition

Fox Valley Technical College offers the most efficient and affordable option for higher education in the Fox Valley. On average, FVTC's tuition costs less than half that of two years of in-state tuition at a four-year public university.

Tuition costs do not include books, program supplies, tools/equipment, uniforms or field trips. Since additional costs vary by program, please check with a program advisor for specific information. Books and program supplies are purchased separately from tuition. If you have available financial aid, those funds may be used for qualifying books, supplies and equipment at the FVTC bookstores.

## Payment Options

You can pay your tuition using our free and easy eFAS system (electronic Financial Account for Students), or by cash, check, money order, electronic funds transfer, employer/agency contract or financial aid. Some credit card payments are accepted, however, there is an additional service charge. Tuition and fees are due in full 10 days prior to the class start date unless a payment plan has been arranged.



Annual tuition is based on averages of 2 semesters with 12 credits each.  
This is tuition only – books, supplies, etc. are extra.

## Estimate Your Program Cost

\$147.85 per credit\*

x \_\_\_\_\_ Credits in your program

\$ \_\_\_\_\_ Total tuition

+ \_\_\_\_\_ Books, supplies & equipment

\$ \_\_\_\_\_ Total program cost

\*Based on 2015-2016 tuition rates.

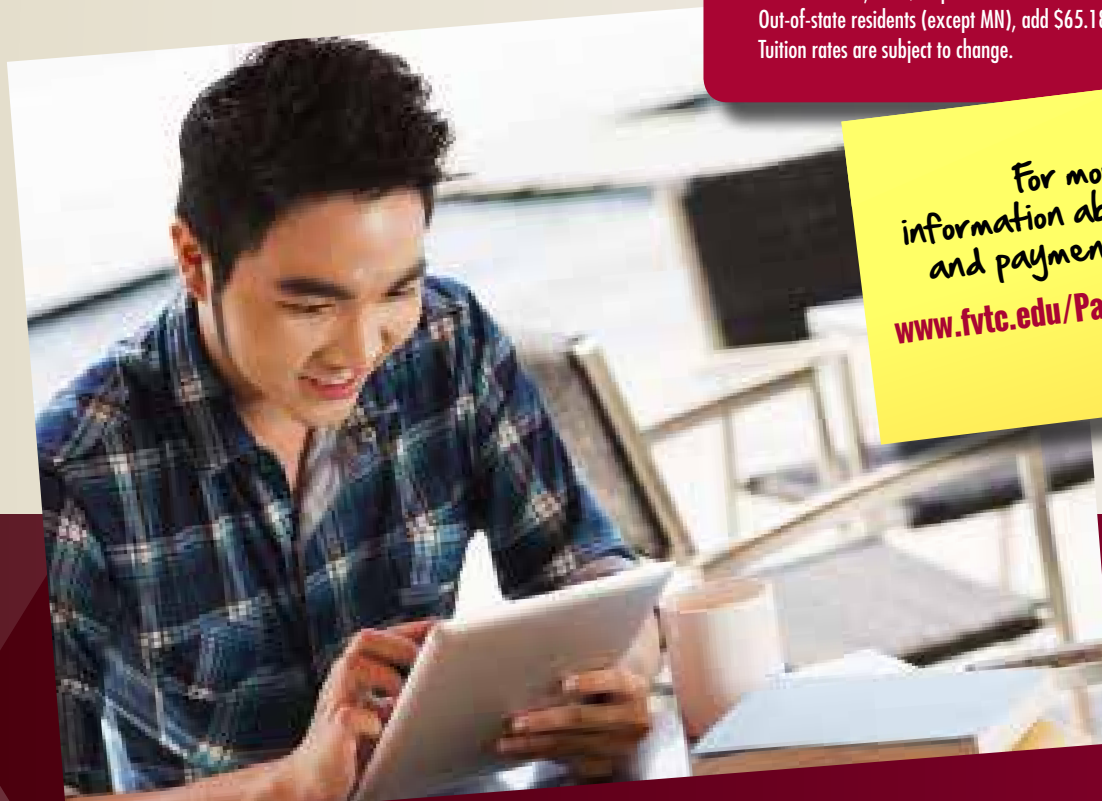
Some programs have additional fees that will increase the cost per credit.

Online courses, add \$10 per credit.

Out-of-state residents (except MN), add \$65.18 per credit.

Tuition rates are subject to change.

For more  
information about tuition  
and payment options:  
[www.fvtc.edu/PayingForCollege](http://www.fvtc.edu/PayingForCollege)



## Financial Aid

Financial aid is federal and state assistance to help you pay for college. Aid can consist of grants, loans and/or employment, and is available to students active in an eligible associate degree or technical diploma program.

The actual aid that you can receive depends on your eligibility according to state and federal regulations, the availability of funds and the number of students applying for aid. Our advice is to **apply as soon as possible** for the best results.

### To be eligible for financial aid, you must:

- Have financial need
- Apply and be admitted to an eligible academic program
- Be a U.S. citizen or an eligible non-citizen with a valid Social Security number
- Be a Wisconsin resident (for state funds)
- Be registered with the Selective Service (if required)
- Not be in default on a previous student grant or loan
- Maintain satisfactory academic progress
- Be enrolled for a minimum of 1 credit per semester for a Pell grant and at least 6 credits per semester for all other state and federal aid

### How to apply

To be considered for aid, complete the Free Application for Federal Student Aid (FAFSA) online at [www.fafsa.gov](http://www.fafsa.gov).

Instant online help is available if you need assistance.

Please note that you must be admitted to the college before your financial aid application will be processed.

FAFSA applications are accepted throughout the year, but the sooner you complete your application, the better. Applying by March 1, if you are starting classes in August, will ensure that you're eligible for the most funding options available. A FAFSA application must be submitted for each academic year.

## Scholarships

The FVTC Foundation awards over 900 scholarships each year. Scholarships are funded by private donors, including individuals, organizations and businesses. Best of all, scholarships do not have to be repaid. Students in most associate degree, technical diploma and apprenticeship programs are eligible and encouraged to apply.



**You'll need this:**  
FVTC Title IV School Code 009744

Find helpful information  
about paying for college:

[www.fvtc.edu/PayingForCollege](http://www.fvtc.edu/PayingForCollege)  
[www.fafsa.gov](http://www.fafsa.gov)

Also, check out our  
extensive list  
of scholarship opportunities:

[www.fvtc.edu/Scholarships](http://www.fvtc.edu/Scholarships)



# Student Life, Clubs & Athletics

Get involved in student life activities at Fox Valley Tech. There are tons of fun opportunities to build your confidence, leadership and teamwork skills at both the Appleton and Oshkosh campuses.



For more  
information:  
[www.fvtc.edu/StudentLife](http://www.fvtc.edu/StudentLife)

**"FVTC has an amazing list of clubs to get involved with. The clubs encourage civic consciousness and have given me practical ways to implement what I've learned in class."**

**Denni Rae L.,  
Alumna**



## Student Life Center

The Student Life Center provides programs and services that will enrich your FVTC learning experience. There are many opportunities to build your confidence, leadership and teamwork skills on the Appleton and Oshkosh campuses. This is also your place to pick up your Student ID, rent a locker, make photocopies, or buy stamps and movie tickets.

## Student Clubs and Organizations

There are more than 45 different student organizations to choose from at FVTC. Many are directly related to programs, so you can develop professional connections while meeting other students. In addition, there is a variety of social clubs to join.

## Student Leadership Organizations

If you'd like to expand your experiences at Fox Valley Tech, there are opportunities to gain valuable leadership experience by helping to create policy, effect change, plan events and publish campus-wide communications.

## Events

There's always something going on at FVTC! From comedians to hypnotists, nationally known speakers and leadership seminars. Plus there are many family events like our annual Drive-In Movie and Breakfast with Santa.

## Trips

If you'd like to get away, there are several day, weekend and extended trips — all at a reduced price! Take a day trip with friends to the Mall of America or a Brewers game. Enjoy a weekend with your family at the Tundra Lodge in Green Bay or the Wilderness in Wisconsin Dells. Student Life also sells reduced price tickets to area attractions and events.

## Civic Engagement

There are many opportunities to become an active participant in your community while attending FVTC. Whether you want to enhance your resumé with volunteer experience, learn more about social issues, or find out about local, state and national elections, the Student Life Center can help you. In addition to maintaining a list of many volunteer opportunities throughout the region, Student Life offers individualized volunteer matching, monthly service opportunities and speakers and events to help you become more knowledgeable about social issues that affect your community.

## Athletics

FVTC offers both men's and women's competitive basketball. The Foxes compete against fellow technical colleges, as well as the University of Wisconsin two-year schools. Open gyms are held every summer.





# International Opportunities

Fox Valley Technical College offers a variety of international study options that prepare you to be successful and competitive in a global workforce. More than that, these experiences just might change your life!

## Study Abroad

Make the world your classroom! Travel with FVTC around the world to Spain, Mexico, Peru, Germany, Italy, China and more! Earn credits as you expand your world view and immerse yourself in the language and culture.

## Global Business & World Languages

Distinguish yourself among your classmates by learning another language or studying global topics. Fox Valley Tech offers many options, including Arabic, Mandarin Chinese, Japanese, French, Portuguese, German, Russian, Hmong, Polish, Spanish and Italian, as well as Spanish-English medical interpretation and global trade.

## English Language Learning

English Language Learning (ELL) is a program designed to meet the needs of adults whose native language is not English. Courses focus on reading, writing, speaking and career skills to prepare you for college coursework.

## International Exchange Club

The International Exchange Club serves as a connection between international and local students to encourage unity and respect on and off campus. Participation in this student club will provide a meaningful and rewarding experience, and you're encouraged and welcome to join!

More information on international opportunities:

[www.fvtc.edu/Global](http://www.fvtc.edu/Global)





# College That Fits Your Life

## Program Preparation

There are many resources available to help you meet your educational goals. Whether you need help with academic skills or study habits, these options can give you a solid foundation for success at Fox Valley Tech.

### Program Prep Courses

If you need to work on math, sentence skills, and/or reading, Program Prep courses will help build your academic skills to be successful in your program courses. Program Prep courses are based on your individual needs and program selection.

### College Success

This elective course is strongly recommended for anyone entering college for the first time. You'll be introduced to study skills, time management techniques, and health-related and relationship-building skills, as well as an introduction to programs, services, policies and procedures at FVTC.

### College & Career Success

In this course, you'll examine career options, develop academic and career goals, and learn specific skills to enhance your success in meeting personal and professional goals. Topics include accessing academic resources, determining career fit, and skills like time management, test-taking and goal-setting.

### Teaching & Learning Center (TLC)

Need to brush up on some skills? We're here to help. You can work with faculty and peer tutors to improve your math, writing and science skills. Tutoring and study groups are also available. This is a free service for current FVTC students taking credit classes, and help is available without an appointment during posted hours.

For more information on preparing for college:

[www.fvtc.edu/ProgramPrep](http://www.fvtc.edu/ProgramPrep)

## Flexible Options

Choose from a variety of flexible, time-saving learning options that allow you to take classes when, where and how you want.

Fox Valley Tech is college that fits your life!

- **Multiple campus locations** to serve you
- Many classes offered **on campus and online**
- Some programs have **full- or part-time** options
- Choose **day, evening or weekend** classes
- **Accelerated programs** for working adults

### Online Learning

Online courses offer you the flexibility to take classes when it's most convenient for you. You can connect from home or anywhere you have access to a computer, reducing the time and expense of traveling to campus. Online courses qualify for the same financial aid as traditional courses.

For more information on flexible learning options:

[www.fvtc.edu/Flexible](http://www.fvtc.edu/Flexible)



**"All my credits transferred [to Ferris State University in Michigan]. In fact, I had more hands-on experience than my peers did who had started at a four-year school. Even better, I had my loans paid off before I entered the workforce."**

**Val W., Alumna,  
Industrial Welding Technician**



# Credit Transfer with Four-Year Colleges

For the latest information on credit transfer options with four-year colleges:  
[www.fvtc.edu/4YearCreditTransfer](http://www.fvtc.edu/4YearCreditTransfer)

## Transferring your FVTC credits to a four-year college has never been easier!

You can earn your associate degree at Fox Valley Tech, then apply your credits toward a bachelor's degree. Starting at FVTC makes completing a bachelor's degree affordable, accessible and convenient. The following colleges and universities have partnered with FVTC to make credit transfer seamless:

Alverno College  
Ashford University  
Bellevue University  
Bryant & Stratton College  
Cardinal Stritch University  
Chamberlain College of Nursing  
The College of St. Scholastica  
Colorado State University-Global Campus  
Concordia University Wisconsin  
Ferris State University  
Franklin University  
Grand Canyon University  
Herzing University

Lakeland University  
Marian University  
Metropolitan State University  
Michigan Technological University  
Milwaukee School of Engineering  
Minnesota State University Moorhead  
National American University Online  
Northern Michigan University  
Northland College  
Ottawa University  
Rasmussen College  
Silver Lake College  
Southern Illinois University Carbondale

Strayer University  
Upper Iowa University  
Viterbo University  
UW-Green Bay  
UW-LaCrosse  
UW-Milwaukee  
UW-Oshkosh  
UW-Parkside  
UW-Platteville  
UW-River Falls  
UW-Stevens Point  
UW-Stout  
UW-Whitewater

### 1+3 Bachelor's Degree Programs

Need more flexibility? Undecided about your major? Want to transfer to a four-year school? If so, then this certificate might be for you! Our General Studies Transfer Certificates match FVTC credits with specific UW-Green Bay or UW-Oshkosh general education requirements. You can take your first year at Fox Valley Technical College and qualify for sophomore status at either UW-Green Bay or UW-Oshkosh.





# Associate Degree & Technical Diploma Programs

**Associate in Applied Science (AAS)** degree programs help you prepare for or advance in a particular occupation or field. Most AAS degrees require 60-70 credits and consist of technical studies, general studies and electives. Complete your degree in as little as two years, or attend part-time to fit your schedule. Some or all credits may be applied toward a bachelor's degree program at a four-year college.

**Technical Diploma (TD)** programs help you prepare for a targeted occupation, typically at the entry level. Credit requirements range from 3-70 credits and many programs offer full- and part-time options. Some credits may be applied to associate degree programs.

\*Offered in accelerated or self-paced format also

\*\*Accelerated format only

▲ Shared with another technical college

For certificate programs, see pages 20-21.

## Agriculture, Horticulture & Natural Resources (Pages 22-29)

### AGRICULTURE

Agribusiness Agronomy Technician (TD)  
Agribusiness Dairy Technician (TD)  
Agribusiness Management Technician (TD)  
Agribusiness/Science Technology (AAS)  
Agriculture Equipment Service Technician (TD)  
Agriculture Power Equipment (AAS)  
Farm Business & Production Management (TD)  
Farm Operation (TD)  
Precision Agriculture Technician (TD)

### HORTICULTURE

Horticulture Technician (TD)  
Horticulture/Landscape Specialist (TD)

### LABORATORY SCIENCE

Laboratory Science Assistant (TD)  
Laboratory Science Technician (AAS)

### NATURAL RESOURCES

Natural Resources Technician (AAS)

### OUTDOOR POWER

Outdoor Power Equipment Technician (TD)

## Aviation (Pages 30-31)

Aeronautics-Pilot Training (AAS)  
Aeronautics-Professional Pilot (TD)  
Aircraft Electronics (AAS)  
Airframe & Powerplant Mechanics (TD)

## Business, Management & Finance (Pages 32-41)

### ACCOUNTING & FINANCE

Accounting (AAS)  
Accounting Assistant (TD)  
Banking & Financial Services (AAS)  
Bookkeeping (TD) **NEW**

### ADMINISTRATIVE PROFESSIONALS

Administrative Professional (AAS) \*  
Medical Administrative Professional (AAS)  
Medical Office Assistant (TD)  
Office Assistant (TD) \*

### BUSINESS & MANAGEMENT

Broadcast Captioning (AAS) ▲  
Business Management (AAS)\* *Specialty Tracks*  
Business Operations (TD) **NEW**  
Court Reporting (AAS) ▲  
Human Resources (AAS)\*\*  
Management Development (AAS)\*\*  
Meeting & Event Management (AAS)\*\*  
Paralegal (AAS)

Supply Chain Management (AAS)

### COMMUNICATIONS

Communications, Professional (AAS)

## Construction (Pages 42-43)

Construction Management Technology (AAS)  
Construction, Residential Building (TD)  
Electricity (TD)

## Culinary & Hospitality (Pages 44-45)

Baking and Pastry Production (TD) **NEW**  
Culinary Arts (AAS)\*  
Food Service Production (TD)  
Hospitality Management (AAS)

## Engineering Technologies (Pages 46-51)

### ELECTRICAL & ELECTRONICS

Electrical Engineering Technology (AAS)  
Electronic Engineering Technology (AAS)

### MANUFACTURING & AUTOMATION

Automated Manufacturing Systems Technology (AAS)  
Electro-Mechanical Technology (AAS)  
Manufacturing Engineering Technology (AAS)  
Quality Engineering Technology (AAS)

### MECHANICAL DESIGN

Mechanical CAD Drafting (TD)  
Mechanical Design Technology (AAS)

### SAFETY, ENERGY & ENVIRONMENTAL

Safety Engineering Technology (AAS)  
Wind Energy Technology (AAS) ▲

## Health Science (Pages 52-59)

Dental Assistant (TD)  
 Dental Hygienist (AAS)  
 Health Information Technology (AAS)  
 Medical Assistant (TD)  
 Medical Coding Specialist (TD)  
 Medical Laboratory Technician (AAS) **NEW**  
 Neurodiagnostic Technologist (AAS) **NEW**  
 Nursing - Associate Degree (AAS)  
 Nursing Assistant (TD)  
 Nursing Pathway, LPN to ADN (AAS)  
 Nursing, Paramedic to ADN Pathway (AAS)  
 Nursing, Practical (TD)  
 Occupational Therapy Assistant (AAS)  
 Pharmacy Services Management (AAS) ▲  
 Pharmacy Technician (TD) ▲  
 Therapeutic Massage (TD) **NEW**

## Human Services (Page 60)

**ALCOHOL & OTHER DRUG ABUSE**  
 Alcohol & Other Drug Abuse Associate (AAS)  
**EARLY CHILDHOOD EDUCATION**  
 Early Childhood Education (AAS)\*

## Information Technology (Pages 61-64)

**NETWORK/COMPUTER SUPPORT**  
 Computer Support Specialist (AAS)  
 Help Desk Support Specialist (TD)  
 Information Systems Security Specialist (AAS) **NEW**  
 Network Specialist (AAS)  
 Network Systems Administration (AAS)  
**SOFTWARE DEVELOPMENT/WEB**  
 Software Developer (AAS)  
 Web Design (TD)  
 Web Development & Design Specialist (AAS)

## Manufacturing (Pages 65-69)

**INDUSTRIAL MAINTENANCE**  
 Industrial Maintenance Mechanic (TD)  
 Technical Studies-Journeyworker (AAS)  
**MANUFACTURING OPERATIONS**  
 Industrial Engineering Technology (AAS)  
**METAL MACHINING, FABRICATION & WELDING**  
 Machine Tool Technician (TD)  
 Welding Technology, Industrial (AAS)  
 Welding, Production (TD)  
 Welding/Metal Fab Technician (TD)  
 Welding/Metal Fabrication (TD)  
**WOOD MANUFACTURING**  
 Wood Manufacturing Technology (TD)

## Marketing, Sales & Service (Pages 70-71)

**INTERIOR DESIGN**  
 Interior Design (AAS)  
 Interior Design - Kitchen & Bath Design (AAS)  
**MARKETING**  
 Digital Marketing (TD) **NEW**  
 Marketing (AAS)

## Public Safety (Pages 72-75)

**EMERGENCY MEDICAL SERVICES (EMS)**  
 Emergency Medical Technician (TD)  
 Emergency Medical Technician - Paramedic (TD)  
**FIRE PROTECTION**  
 Fire Protection Technician (AAS)  
**LAW ENFORCEMENT**  
 Criminal Justice (AAS)  
 Criminal Justice-Law Enforcement 720 Academy (TD)  
 Forensic Science (AAS)  
 Security & Asset Protection (AAS)

## Transportation (Pages 76-82)

**AUTOMOTIVE**  
 Auto Collision Repair & Refinishing Technician (TD)  
 Automotive Maintenance Technician (TD)  
 Automotive Technician (TD)  
 Automotive Technician - Imports (TD)  
 Automotive Technology (AAS)  
 Automotive Technology - Imports (AAS)  
 Automotive Technology GM ASEP (AAS)  
 Vehicle Refinishing & Repair Technology (AAS)  
**DIESEL**  
 Diesel Construction Equipment Service Technician (FABTECH) (TD)  
 Diesel Engine Service Technician (FABTECH) (TD)  
 Diesel Equipment Mechanic (TD)  
 Diesel Equipment Technology (AAS)  
 Diesel Power Generation & Marine Service Tech (FABTECH) (TD)  
**TRUCK DRIVING**  
 Truck Driving (TD)

## General, Global & Individualized Studies (Page 82)

Individualized Technical Studies (AAS)

Find the most current  
 information on all new offerings:

[www.fvtc.edu/NewPrograms](http://www.fvtc.edu/NewPrograms)

For more information on FVTC's  
 programs of study:

[www.fvtc.edu/Programs](http://www.fvtc.edu/Programs)  
 or 1-800-735-FVTC (3882)

## Certificate Programs

**Certificate (C) programs** include a focused set of courses for skills needed in the workplace. Some credits may bridge into associate degree or technical diploma programs or to a bachelor's degree program at a four-year college. **Note:** Certificate programs are not eligible for financial aid.

### Agriculture, Horticulture & Natural Resources

#### AGRICULTURE

Crop Application Specialist (C)

#### HORTICULTURE

Greenhouse Grower/Plant Propagation Technician (C)

Landscape Construction Technician (C)

Landscape Maintenance Technician (C)

Urban Forestry Technician (C)

#### LABORATORY SCIENCE

Laboratory Science - Environmental (C)

Laboratory Science - Food (C)

Laboratory Science - Introduction (C)

Laboratory Science - Paper & Packaging (C)

#### NATURAL RESOURCES

Forest Management Specialist (C) **NEW**

Habitat and Land Use Management Specialist (C) **NEW**

#### OUTDOOR POWER

Golf Course Turf & Equipment Technician (C)

Power Sports Technology (C)

### Business, Management & Finance

#### ACCOUNTING & FINANCE

Financial Fraud Detection, Fundamentals of (C)

#### ADMINISTRATIVE PROFESSIONALS

Law Enforcement Administrative Professional (C) **NEW**

Microsoft Office Suite (C)

Office Skills, Basic (C)

#### BUSINESS & MANAGEMENT

Business Fundamentals (C)

Entrepreneurship and Small Business Management (C) **NEW**

Event Planning (C)

Organizational Leadership, Advanced (C)

Organizational Leadership, Basic (C)

Small Business Success 1 (C) **NEW**

Small Business Success 2 (C) **NEW**

Supply Chain Operations Specialist (C)

#### COMMUNICATIONS

Digital Media (C)

Writing for the Web (C)

Writing, Grant/Proposal (C)

### Construction

Construction Project Coordinator (C)

Construction Project Supervision (C)

### Culinary & Hospitality

Culinary Arts - Advanced (C)

### Engineering Technologies

#### ELECTRICAL & ELECTRONICS

Electronics Manufacturing (C)

Electronics Principles (C)

Electronics, Practical Fundamental (C)

#### MANUFACTURING & AUTOMATION

Automation & Maintenance, Advanced (C)

Instrumentation & Process Control (C)

Motors & Variable Speed Drives (C)

Programmable Logic Controllers (PLCs) (C)

#### MECHANICAL DESIGN

CAD Management (C)

#### SAFETY, ENERGY & ENVIRONMENTAL

Environmental Compliance Specialist (C)

Environmental Health & Safety (C)

### Health Science

Exploring Health Careers (C)

Gerontology (C)

Medical Billing, Advanced (C) **NEW**

Nursing, Licensed Practical Nurse Refresher (C)

Nursing, Registered Nurse Refresher (C)

Personal Care Worker (C)

Phlebotomy Technician (C) **NEW**

### Human Services

#### ALCOHOL & OTHER DRUG ABUSE

AODA Specialty Education (C)

Substance Abuse Counselor Education 360 Hr Comprehensive Program (C)

Substance Abuse Counselor in Training (C)

#### EARLY CHILDHOOD EDUCATION

Child Care Administrator (C)

Family Child Care (C)

Preschool Credential (C)

Understanding Autism Spectrum Disorder (C)

### Information Technology

#### NETWORK/COMPUTER SUPPORT

Desktop Support (C)

Exploring IT Careers (C)

Network Administration (C)

Network Infrastructure (C)

Security (C)

#### SOFTWARE DEVELOPMENT/WEB

Database (C)

Mobile Applications Development (C)

PC Programming (C)

Web Design Fundamentals (C)

Web Development (C)



## Manufacturing

### INDUSTRIAL MAINTENANCE

Controls Maintenance (C) **NEW**

Electrical Maintenance (C) **NEW**

Industrial Maintenance (C)

Mechanical Maintenance (C) **NEW**

### MANUFACTURING OPERATIONS

Industrial Engineering (C)

Lean/Six Sigma Green Belt (C)

Production Inspection & Metrology (C)

Quality, Manufacturing (C)

Quality, Non-Manufacturing (C)

### METAL MACHINING, FABRICATION & WELDING

GMAW Welder, Basic (C) **NEW**

Welding Fundamentals (C)

### WOOD MANUFACTURING

Woodworking Technician 1 (C) **NEW**

Woodworking Technician 2 (C) **NEW**

## Marketing, Sales & Service

### INTERIOR DESIGN

Kitchen & Bath Design (C)

## Public Safety

### EMERGENCY MEDICAL SERVICES (EMS)

Emergency Medical Technician - Advanced (C)

### LAW ENFORCEMENT

Child Protection Investigator (C)

Corrections (C)

Crime Prevention (C)

Criminal Investigator (C)

Cyber Crime Investigation (C)

Evidence Technician (C)

Evidence Technician - Advanced (C)

Private Investigation Specialist (C)

Security Management (C)

## Transportation

### AUTOMOTIVE

Automotive GM Technician (C)

Automotive Service Management (C)

Exploring Automotive Careers (C)

### TRUCK DRIVING

CDL Straight Truck (C)

Truck Driving Refresher (C)

For more information on  
certificate programs:  
[www.fvtc.edu/Certificates](http://www.fvtc.edu/Certificates)

## General, Global & Individualized Studies

### GENERAL STUDIES

General Education (C)

General Studies Transfer (UW-Green Bay) (C)

General Studies Transfer (UW-Oshkosh) (C)

### GLOBAL STUDIES

English Business Communication (C)

English Language Competency - Advanced (C)

English Language Competency - Intermediate (C)

Global Advantage Professional (C)

Global Business Professional (C)

Intercultural Relations (C)

Spanish (C)

Spanish Health Care (C)

Teach English as a Second or Foreign Language (C)

## Apprenticeship Programs

**Apprenticeships (A)** are an earn-while-you-learn program of on-the-job training combined with related classroom instruction for a skilled trade. Both the employer and the apprentice must be contracted with the Bureau of Apprenticeship Standards to begin the program.

### Construction

Electrician Apprentice (ABC) (A)

Electronic Systems Tech. Apprentice (A)

Operating Engineer Apprentice (A)

Plumbing Apprentice (A)

Sheet Metal Construction (A)

Steamfitting Apprentice (A)

Steamfitting Service Apprentice (A)

For more information on  
apprenticeship programs:  
[www.fvtc.edu/Apprenticeships](http://www.fvtc.edu/Apprenticeships)

### Manufacturing

#### INDUSTRIAL MAINTENANCE

Industrial Electrician Apprentice (A)

Maintenance Mechanic/Millwright Apprentice (A)

Maintenance Technician Apprentice (A)

Pipe Fabricator Apprenticeship (A)

Pipefitting Apprentice (A)

#### METAL MACHINING, FABRICATION & WELDING

Machinist Apprentice (A)

Tool & Die Apprentice (A)

### Sales & Service

Cosmetology Apprentice (A)

# Associate Degree & Technical Diploma Programs

## Agriculture, Horticulture & Natural Resources

### AGRICULTURE

#### Agribusiness Agronomy Technician 31-006-4 Technical Diploma\* • 30 Credits • Financial Aid Eligible • Appleton

Crop production is a high-stakes business that demands a solid foundation in science. With the growing use of precision agriculture applications and regulatory constraints, you'll need more specialized skills. This program will give you a deep understanding of the science and technology of using plants as a source of food. You'll get hands-on experience producing a crop, keeping pests away, making soil more fertile, marketing commodities and managing a farm. Agronomy technicians help farmers get maximum production from the land using the latest technology.

##### Career Opportunities

Agronomy Service Representative	Agronomy Technician
Certified Custom Applicator	Crop Production Specialist
Crop Scout	

Occupational Specific (27 Credits)		Credits
10-006-102	Integrated Pest Mgmt & Weed Identification	3
10-006-119	Agricultural Crop Production	3
10-006-133	Introduction to Agribusiness	3
10-006-140	Animal Science Fundamentals	3
10-006-143	Introduction to Soils	3
10-006-103	Agricultural Marketing	3
10-006-116	Agribusiness Work Experience	3
10-006-141	Crop Science	3
10-006-155	Nutrient Management Principles	3
Occupational Supportive (3 Credits)		
10-804-123	Math w Business Apps	3

#### Agribusiness Dairy Technician 31-006-5 Technical Diploma\* • 30 Credits • Financial Aid Eligible • Appleton

Dairy technicians play an important role in the dairy industry. Today's high-tech livestock and dairy business requires special training and education. Learn to manage a dairy herd with skills like artificial insemination, sire selection, reproduction, herd health, nutrition and ration balancing. You'll also learn records management, commodity marketing and agribusiness management. Hands-on instruction will prepare you for a career in dairy production.

##### Career Opportunities

Artificial Insemination Technician	Assistant Herdsman
Herd Feeding Technician	Milking Technician
Parlor Manager	

Occupational Specific (27 Credits)		Credits
10-006-113	Dairy/Livestock Nutrition	3
10-006-119	Agricultural Crop Production	3
10-006-133	Introduction to Agribusiness	3
10-006-140	Animal Science Fundamentals	3
10-006-103	Agricultural Marketing	3
10-006-114	Dairy/Livestock Ration Balance	3
10-006-116	Agribusiness Work Experience	3
10-006-148	Dairy Genetics and Reproduction	3
10-006-155	Nutrient Management Principles	3
Occupational Supportive (3 Credits)		
10-804-123	Math w Business Apps	3

Looking for  
opportunities beyond an  
associate degree?

See page 17 for  
more information.

\*View Gainful Employment at [www.fvtc.edu/GainfulEmployment](http://www.fvtc.edu/GainfulEmployment)

## Agribusiness Management Technician

31-006-6  
Technical Diploma\* • 30 Credits • Financial Aid Eligible • Appleton

If a career in agriculture is in your future, this program will help you prepare. To manage a successful agribusiness operation, you need to understand the use of technology. With this diploma you'll gain hands-on experience in agronomy and dairy production management. Courses cover agribusiness management principles, sales, commodity and marketing, global economics, crop production, animal fundamentals and nutrient management principles. This program will give you the skills you need for entry-level agribusiness management.

### Career Opportunities

Agriculture Sales & Marketing Representative    Agribusiness Customer Service  
Agribusiness Department Manager                Agribusiness Finance Service Technician

Occupational Specific (27 Credits)		Credits
10-006-103	Agricultural Marketing	3
10-006-119	Agricultural Crop Production	3
10-006-133	Introduction to Agribusiness	3
10-006-140	Animal Science Fundamentals	3
10-006-104	Ag Production Systems	3
10-006-116	Agribusiness Work Experience	3
10-006-134	Agribusiness Sales	3
10-006-155	Nutrient Management Principles	3
10-809-195	Economics	3
Occupational Supportive (3 Credits)		
10-804-123	Math w Business Apps	3



## Agribusiness/Science Technology

10-006-2  
Associate Degree • 60 Credits • Financial Aid Eligible • Appleton

Whether you want to run your own agribusiness operation or help other agriculture producers become more successful, this program gives you the skills you need. Learn how to merge business and science to produce a product and make a profit. Through hands-on learning and on-the-job experience, you'll gain skills in animal science and nutrition, integrated pest management, soil science, crop production and precision agriculture. You'll be able to develop crop management, livestock management and business plans. You'll also learn how to enhance your success through sales, marketing and business management. This program will open doors to a variety of agribusiness career pathways.

### Career Opportunities

Agronomy Consultant                                Animal Nutritionist  
Dairy Herd Manager                                 Nutrient Management Planner  
Crop Manager                                         Certified Custom Applicator

Technical Studies (42 Credits)		Credits
10-006-119	Agricultural Crop Production	3
10-006-133	Introduction to Agribusiness	3
10-006-140	Animal Science Fundamentals	3
10-006-103	Agricultural Marketing	3
10-006-113	Dairy/Livestock Nutrition	3
10-006-104	Ag Production Systems	3
10-006-116	Agribusiness Work Experience	3
10-006-134	Agribusiness Sales	3
10-006-155	Nutrient Management Principles	3

Select a total of 15 credits from these options:

10-006-102	Integrated Pest Mgmt & Weed Identification	3
10-006-141	Crop Science	3
10-006-148	Dairy Genetics and Reproduction	3
10-006-114	Dairy/Livestock Ration Balance	3
10-006-143	Introduction to Soils	3
10-006-150	Agronomy Equipment	3
10-006-145	Dairy/Livestock Herd Management	3
10-006-149	Dairy/Livestock Records Management	3
10-006-154	Precision Ag Overview	3
10-006-151	Agribusiness Management	3

### General Studies (15 Credits)

10-801-195	Written Communication	3
10-804-123	Math w Business Apps	3
10-809-195	Economics	3
10-801-196	Oral/Interpersonal Comm	3
10-809-199	Psychology of Human Relations	3

### Suggested Electives (3 Credits)

10-006-109	Crop Scouting Training	3
10-006-146	Commercial Vegetable Production	3
10-006-163	GIS Applications	3
10-006-170	Animal Health	3
10-006-169	Dairy/Livestock Artificial Insemination Records & Management	3



## Agriculture Equipment Service Technician 31-003-2

Technical Diploma\* • 43 Credits • Financial Aid Eligible • Appleton

Agricultural equipment is becoming more and more complex. You need advanced technical skills to work on planting and harvesting equipment today. Learn to maintain and repair diesel engine systems, drive trains, hydraulics, electrical systems, GPS, air conditioning, materials handling equipment, and harvesting equipment. You'll gain practical, hands-on training and applied skills such as repair, diagnostics and troubleshooting, which are critical for this industry. In addition, your study of agribusiness and agriculture marketing will position you to be a valued and skilled technician in this industry.

### Career Opportunities

Ag Dealership Parts Person	Ag Dealership Service Technician
Ag Dealership Service Writer	Custom Harvesting Operator/Technician

Occupational Specific (41 Credits)		Credits
10-003-110	Agriculture Hydraulic Systems	2
10-003-120	Ag Planting Equipment	3
10-003-130	Agriculture Forage Harvesting Equipment	2
10-003-131	Ag DC Electrical Systems	3
10-003-134	Shop Tool/Safety Principles	3
10-006-133	Introduction to Agribusiness	3
10-003-123	Agriculture Power Transmission	4
10-003-132	Advanced Ag Hydraulic Systems	2
10-003-133	Dealership Parts/Service	3
10-003-135	AG Diesel Engine Technology	5
10-003-136	AG DC Electronic Systems	3
10-003-137	Precision Equipment Systems	3
10-003-115	Agriculture Air Conditioning	1
10-003-121	Ag Grain Harvesting	3
10-003-139	Agriculture Student Development	1
Occupational Supportive (2 Credits)		
31-801-318	Communication, Applied	2

## Agriculture Power Equipment 10-003-2

Associate Degree • 70 Credits • Financial Aid Eligible • Appleton

If you want to repair and maintain farm equipment, this degree program is for you. Your courses provide hands-on training and critical diagnostic and troubleshooting skills. You will work on the latest electronically controlled diesel engines, drive trains, hydraulics and electrical systems, air conditioning, materials handling equipment and harvesting equipment. You'll also learn to work with computer-based systems. And, the program includes classes in business management and customer service—everything you need to start your career in this field.

### Career Opportunities

Agriculture Service Technician	Agriculture Field Technician
Precision Farming Specialist	Parts & Service Department Manager
Agriculture Power & Equipment Sales Rep.	Custom Harvesting Operator/Technician
Agriculture Dealership Service Writer	

Technical Studies (46 Credits)		Credits
10-003-110	Agriculture Hydraulic Systems	2
10-003-120	Ag Planting Equipment	3
10-003-130	Agriculture Forage Harvesting Equipment	2
10-003-131	Ag DC Electrical Systems	3
10-003-134	Shop Tool/Safety Principles	3
10-006-133	Introduction to Agribusiness	3
10-003-123	Agriculture Power Transmission	4
10-003-132	Advanced Ag Hydraulic Systems	2
10-003-135	AG Diesel Engine Technology	5
10-003-136	AG DC Electronic Systems	3
10-006-103	Agricultural Marketing	3
10-003-115	Agriculture Air Conditioning	1
10-003-121	Ag Grain Harvesting	3
10-003-138	Agriculture Dealership Internship	2
10-003-139	Agriculture Student Development	1
10-003-133	Dealership Parts/Service	3
10-006-150	Agronomy Equipment	3
General Studies (21 Credits)		
10-801-195	Written Communication	3
10-809-197	Contemporary Amer Society	3
10-809-199	Psychology of Human Relations	3
10-801-196	Oral/Interpersonal Comm	3
10-804-123	Math w Business Apps	3
10-809-172	Introduction to Diversity Studies	3
10-809-195	Economics	3
Suggested Electives (3 Credits)		
10-461-112	Four Stroke Small Engines	3
10-003-127	Introduction to Agriculture Engineering Technology	3
10-006-134	Agribusiness Sales	3
10-003-137	Precision Equipment Systems	3

Get your  
associate degree and  
transfer to a  
four-year college  
or university.  
See page 17 for more information.

\*View Gainful Employment at [www.fvtc.edu/GainfulEmployment](http://www.fvtc.edu/GainfulEmployment)

"Thanks to a strong foundation of knowledge, Fox Valley Tech grads consistently contribute to our success."

President,  
Service Motor Company

## Farm Business & Production Management 30-090-1

Technical Diploma\* • 18 Credits • Not Financial Aid Eligible

Appleton, Chilton, Clintonville, Waupaca, Wautoma

If you want to learn the newest practices and technology in farming, you'll find them in this unique program. Go on special field trips, attend classes and get personalized instruction on your farm while learning soil, crop and dairy management. You'll also learn how to keep farm records and analyze your farm business operation. This part-time program is designed to fit around your work schedule.

### Career Opportunities

Crop Owner/Operator

Dairy Owner/Operator

Dairy/Livestock Herd Manager

Livestock Owner/Operator

### Occupational Specific (18 Credits)

### Credits

30-090-381	Farm Business, Operating a	3
30-090-389	Farm Safety and Personnel	3
30-090-385	Livestock/Farmstead Equipment Management	3
30-090-386	Farm Records and Business Analysis	3
<i>Select a total of 6 credits from these options:</i>		
30-090-383	Crop Management	3
30-090-384	Livestock Nutrition	3
30-090-391	Ag Commodities and Marketing	3
30-090-388	Precision Agriculture	3
30-090-390	Farm Transitions	3
30-090-382	Soil Management	3



## Farm Operation

31-080-4

Technical Diploma\* • 27 Credits • Financial Aid Eligible • Appleton

Want to be prepared to operate the farm some day? This program is designed for beginning farmers, farm technicians or cattle herd managers. You will gain the skills needed to make sound business management decisions, care for your livestock, produce good crops, and select and maintain the equipment needed to do all that. Your training focuses on day-to-day farm activities and introduces you to the most up-to-date practices in production agriculture. This program is designed to fit around your work schedule.

### Career Opportunities

Farm Owner	Crop Producer
Dairy/Livestock Herd Manager	Farm Manager
Feed Manager	

Occupational Specific (27 Credits)	Credits
31-080-305 Computers, Farm	1
31-080-311 Introduction to Precision Agriculture	1
31-080-312 Crop Management Principles	1
31-080-313 Basic Shop Principles	1
31-080-353 Soil Principles and Fertilization	1
31-080-355 Tractor Maintenance Overview	1
31-080-360 Farm Management Overview	1
31-080-372 Farm Facilities	1
31-080-381 Livestock Overview	1
31-080-321 Farm Data Management	1
31-080-322 Forage Management	1
31-080-350 Animal Nutrition, Basic	1
31-080-356 Agricultural Building Design & Construction	1
31-080-365 Farm Business Management, Analysis, Finance	1
31-080-366 Livestock Ration Balancing	1
31-080-371 Farm Machinery Maintenance, Planting Equip.	1
31-080-380 Herbicide and Pesticide Application	1
31-080-396 Forage & Grain Harvesting Equipment	1
31-080-357 Advanced Tractor Maintenance	1
31-080-361 Nutrient Management Principles	1
31-080-367 Agricultural Marketing	1
31-080-368 Dairy Management and Records	1
31-080-369 Cash Crop Principles	1
31-080-375 Small Engines	1
31-080-382 Dairy Herd Health and Reproduction	1
31-080-395 Welding Repair and Maintenance	1
31-080-374 Advanced Precision Agriculture	1

## Precision Agriculture Technician

31-006-7

Technical Diploma\* • 32 Credits • Financial Aid Eligible • Appleton

Learn how Global Positioning Systems (GPS) work and how they are used in farming with this diploma program. You will gain knowledge and skills in basic crop production, electronically controlled systems and customer service. In addition, you'll learn how to install, maintain and operate precision agriculture tools. Courses also cover skills for work in the parts and service department of an agriculture equipment dealership. You will be prepared for work in the high-tech, fast-paced precision agriculture field.

### Career Opportunities

Agricultural Equipment Sales	Agriculture Equipment Operator
Agriculture Service Technician	Agronomy Sales/Service
Custom Crop Applicator	GIS Technician
Precision Ag Specialist	

Occupational Specific (32 Credits)	Credits
10-003-137 Precision Equipment Systems	3
10-006-119 Agricultural Crop Production	3
10-006-146 Commercial Vegetable Production	3
10-006-154 Precision Ag Overview	3
10-006-134 Agribusiness Sales	3
10-003-133 Dealership Parts/Service	3
10-006-109 Crop Scouting Training	3
10-006-150 Agronomy Equipment	3
10-006-162 Advanced Precision Agriculture	2
10-006-163 GIS Applications	3
10-006-116 Agribusiness Work Experience	3



Want to continue your education beyond an associate degree?

Most programs offer transfer agreements with four-year colleges and universities. See page 17 for more information.

\*View Gainful Employment at [www.fvtc.edu/GainfulEmployment](http://www.fvtc.edu/GainfulEmployment)



# HORTICULTURE

## Horticulture Technician

31-001-1

Technical Diploma\* • 34 Credits • Financial Aid Eligible • Appleton

If you yearn to grow things and enjoy working with your hands, this could be a good career choice for you. Gain the knowledge and skills to enter the field of horticulture and landscaping. You will learn to identify plants, design landscapes, manage pests and nurture plants. The program also includes planting and pruning, soils and fertilizers, turf management, equipment maintenance and operations, and business operations. You will be able to create and maintain beautiful environments for businesses and home owners.

### Career Opportunities

Garden Center Consultant

Greenhouse Technician

Grower

Landscape Construction Technician

Landscape Technician

### Occupational Specific (27 Credits)

	Credits
10-001-111 Introduction to Horticulture	3
10-001-112 Horticulture Soils	3
10-001-117 Equipment Operation, Horticulture	2
10-001-130 Turf Management	2
10-001-159 Survey of Herbaceous Plants	3
10-001-170 Landscape Plants, Maintenance of	3
10-001-174 Landscape Design 1	3
10-001-113 Ornamental Plant Health Care	3
10-001-158 Woody Ornamental Plant ID	3
10-001-122 Interiorscaping	2

### Occupational Supportive (7 Credits)

10-001-132 Landscape Estimating	2
10-001-160 Horticulture Proposals & Technical Reports	2
10-102-112 Business, Introduction to	3

## Horticulture/Landscape Specialist

32-001-2

Technical Diploma\* • 61 Credits • Financial Aid Eligible • Appleton

If you are ready to lead others in landscape projects, then check out this program. Learn how to construct and maintain a landscape. You'll also gain skills in hydroponics, irrigation systems, tissue culture, diagnostics and propagation. In addition, you will learn the latest best practices in organic lawn and land care. On the business side, you'll learn everything from communication skills to sales and marketing to estimating and computer-aided design. Your training will also include sustainable practices and greenhouse management/operation. You'll learn everything you need to know to supervise individuals in landscaping, nursery or greenhouse work.

### Career Opportunities

Assistant Grower

Crew Leader

Foreman

Greenhouse Maintenance &amp; Sales

Nursery Attendant

### Occupational Specific (61 Credits)

	Credits
10-001-111 Introduction to Horticulture	3
10-001-112 Horticulture Soils	3
10-001-117 Equipment Operation, Horticulture	2
10-001-118 Irrigation Systems & Maintenance	2
10-001-159 Survey of Herbaceous Plants	3
10-001-181 Landscape Construction 1	3
10-001-113 Ornamental Plant Health Care	3
10-001-115 Tissue Culture Propagation	2
10-001-121 Hydroponic Growing & Systems	2
10-001-122 Interiorscaping	2
10-001-123 Landscape Management	3
10-001-132 Landscape Estimating	2
10-001-108 Plant Propagation	2
10-001-109 Landscape Construction 2	2
10-001-130 Turf Management	2
10-001-131 Organic Land Care	2
10-001-158 Woody Ornamental Plant ID	3
10-001-170 Landscape Plants, Maintenance of	3
10-001-174 Landscape Design 1	3
10-001-125 Greenhouse Management & Control Systems	2
10-001-140 Plant Diagnostics	2
10-001-160 Horticulture Proposals & Technical Reports	2
10-001-175 Landscape Design 2	2
10-802-100 Spanish 1	3
10-102-112 Business, Introduction to	3

# LABORATORY SCIENCE

## Laboratory Science Assistant

31-506-1

Technical Diploma\* • 38 Credits • Financial Aid Eligible • Appleton

Put your love of science to work in a rewarding career. This program will prepare you for entry-level employment in food, water, environmental, wastewater treatment or other industrial laboratory settings. You'll learn lab procedures as you perform a variety of test projects involving biology, chemistry, DNA science and microbiology. Gain plenty of hands-on experience in the lab, where you will focus on safety and quality assurance.

### Career Opportunities

Chemical Assistant	Dairy Laboratory Assistant
Environmental Laboratory Assistant	Food Laboratory Assistant
Water & Wastewater Laboratory Assistant	

### Occupational Specific (35 Credits)

	Credits
10-506-101 Beginning Laboratory Science	3
10-806-114 General Biology	4
10-806-134 General Chemistry	4
10-506-103 Advanced Laboratory Science	3
10-506-105 Environmental Lab Science Theory	2
10-506-106 Environmental Lab Science Lab	1
10-506-113 Instrumentation	2
10-804-124 Math for Laboratory Science	3
10-806-176 DNA Science	4
10-007-174 Applied Microbiology	4
10-506-112 Paper and Packaging Testing Procedures	2
10-506-121 Food Laboratory Science Theory	2
10-506-125 Food Laboratory Science Lab	1

### Occupational Supportive (3 Credits)

10-804-107 College Mathematics	3
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## Laboratory Science Technician

10-506-4

Associate Degree • 61 Credits • Financial Aid Eligible • Appleton

Put on your safety glasses, gloves and lab coat. Laboratories are looking for technicians who are able to assist with basic research and product development. In this program, you can gain the necessary skills for positions in food testing, water, wastewater treatment, environmental and industrial laboratories. You will perform experiments, operate and maintain equipment, make observations and document your results. You will also learn technical writing, laboratory math and project management skills so you'll be well prepared for the workplace.

### Career Opportunities

Biotechnology Technician	Environmental Lab Technician
Food Laboratory Technician	Dairy Laboratory Technician
Industrial Laboratory Technician	Research & Development Technician
Water & Wastewater Laboratory Assistant	

### Technical Studies (35 Credits)

	Credits
10-103-120 MS Office Suite, Introduction	2
10-506-101 Beginning Laboratory Science	3
10-890-100 College Success: On Course	1
10-506-105 Environmental Lab Science Theory	2
10-506-106 Environmental Lab Science Lab	1
10-804-124 Math for Laboratory Science	3
10-007-174 Applied Microbiology	4
10-152-155 Database Concepts	2
10-506-112 Paper and Packaging Testing Procedures	2
10-506-121 Food Laboratory Science Theory	2
10-506-125 Food Laboratory Science Lab	1
10-506-103 Advanced Laboratory Science	3
10-506-113 Instrumentation	2
10-506-135 Lab Science Internship	3
10-806-176 DNA Science	4

### General Studies (23 Credits)

10-801-195 Written Communication	3
10-804-107 College Mathematics	3
10-806-114 General Biology	4
10-806-134 General Chemistry	4
10-809-199 Psychology of Human Relations	3
10-801-197 Technical Reporting	3
10-809-172 Introduction to Diversity Studies	3

### Suggested Electives (3 Credits)

10-890-103 Employability Strategies	1
10-809-166 Intro to Ethics: Theory & App	3
10-809-103 Think Critically & Creatively	3
10-806-112 Principles of Sustainability	3
10-699-142 E-portfolio Development	1
10-623-194 Introduction to Six Sigma	3



\*View Gainful Employment at [www.fvtc.edu/GainfulEmployment](http://www.fvtc.edu/GainfulEmployment)

## NATURAL RESOURCES

### Natural Resources Technician 10-057-1

Associate Degree • 69 Credits • Financial Aid Eligible • Appleton

Love the outdoors? Have a passion for improving and protecting the environment? If you want to work with natural resources, this program will prepare you for careers such as a fisheries technician, surveyor, soil and water conservationist, wastewater technician or naturalist. Your professional field training will include equipment operation and field data collection for water quality and wastewater analysis, fisheries, forest management, wildlife management and soil analysis. As a technician, you may assist in managing, improving and protecting forests, rangelands and wildlife habitats. Your training also prepares you to provide technical assistance in the conservation of soil, water and related natural resources in a variety of public or private settings.

#### Career Opportunities

Forestry & Parks Technician	Soil & Water Technician
Survey Technician	Wastewater & Laboratory Technician
Water Quality Specialist	Wildlife & Fisheries Technician

#### Technical Studies (43 Credits) Credits

10-057-104	Exploring Natural Resources	4
10-057-109	Ecology	2
10-057-140	Plant Identification	1
10-057-143	Natural Resources Common Topics	2
10-804-117	Math for Natural Resources Common Topics	2
10-057-106	Surveying 1	3
10-057-142	Natural Resources Co-op Experience	2
10-057-107	Surveying 2	3

Select a total of 24 credits from these options:

10-057-128	Wildlife Mgmt - Nongame and Hunted Species	3
10-057-132	Forestry 1	3
10-057-134	Soil and Water Conservation	3
10-057-136	Environmental Water Quality	3
10-057-137	Wastewater Management	3
10-057-129	Fish Mgmt-Ichthyology/Limnology/Field Pract	3
10-057-133	Forestry 2	3
10-057-135	Soil and Water Conservation/Engineering	3
10-057-130	Recreation Facilities Maintenance	3
10-057-131	Forest Recreation Environmental Education	3

#### General Studies (23 Credits)

10-801-195	Written Communication	3
10-806-114	General Biology	4
10-801-196	Oral/Interpersonal Comm	3
10-806-134	General Chemistry	4
10-809-172	Introduction to Diversity Studies	3
10-809-195	Economics	3
10-809-198	Intro to Psychology	3

#### Suggested Electives (3 Credits)

10-057-108	Natural Resource Technical Field Experience	3
10-606-114	AutoCAD, Introduction to	1
10-001-117	Equipment Operation, Horticulture	2
10-461-114	OPE Operation & Maintenance	2
10-058-160	Wildfire Intro S130/S190/L180	2
10-001-133	Chain Saw Safety & Operation	2
10-058-162	S212 Wildland Fire Chain Saws	1

## OUTDOOR POWER

### Outdoor Power Equipment Technician 31-461-3

Technical Diploma\* • 33 Credits • Financial Aid Eligible • Appleton

Get ready to enter the "Monster Shop." This unique program will provide you with the technical skills and knowledge to service and maintain small internal combustion engines. You'll work on zero turn lawnmowers, garden tractor tillers, snow blowers, generators, chain saws, line trimmers and blowers. The shop is connected with companies such as Ariens, Briggs and Stratton, Snap-On Tools and Stihl, so you know you'll be working with the best equipment and gaining the specialized skills that employers want.

#### Career Opportunities

Parts Manager	Sales Consultant
Service Technician	Service Writer
Shop Manager	

#### Occupational Specific (31 Credits) Credits

10-461-101	Outdoor Power Equipment, Introduction to	2
10-461-106	Parts and Service Management	2
10-461-112	Four Stroke Small Engines	3
10-461-114	OPE Operation & Maintenance	2
10-461-115	OPE Handheld Power Units	3
10-461-116	OPE DC Electrical Systems	3
10-461-105	Compact Equipment Hydraulics	3
10-461-107	OPE Fuel Management Systems	2
10-461-113	OPE Drivelines and Chassis	3
10-461-118	OPE Diesel Engine Systems	3
10-461-122	OPE Customer Service & Sales	2
10-461-142	Internship in OPE and Power Sports	3

#### Occupational Supportive (2 Credits)

31-801-318	Communication, Applied	2
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# Aviation

## Aeronautics-Pilot Training

10-402-1

Associate Degree • 60 Credits • Financial Aid Eligible • Oshkosh

Turn your love of flying into a great career as a charter, regional or major airline pilot. Your training includes FAA approved 141 flight training for Private Pilot, Instrument Rating and Commercial Pilot Multi-Engine, along with all the requirements to be Restricted-ATP eligible, so you'll have flight experience requirements sooner for your first airline job. In addition, you'll gain the knowledge, skills and in-flight experience to qualify for the Commercial Single Engine and Certified Flight Instructor certificates with single- and multi-engine land and instrument ratings. You'll also learn about weather, aerodynamics and avionics, and will use the latest flight training equipment, including high-tech, modern aircraft and flight simulators. Enjoy small class sizes and one-on-one instruction tailored to your individual needs. You can start working in the industry before graduating, so you'll have more flight time, certificates and experience than typical four-year program graduates. You'll be ready for an entry-level position as a flight instructor or transporting people, freight or mail.

### Career Opportunities

Flight Instructor	Corporate Pilot
Agricultural Pilot	Law Enforcement Pilot
Charter Pilot	Airline Pilot
U.S. Forestry or Contractor Pilot	Aerial Photography/Tour Pilot

### Technical Studies (43 Credits)

	Credits
10-402-101 Private Pilot-Ground	3
10-402-102 Aviation Weather	3
10-402-191 Private Pilot-Flight	3
10-402-103 Instrument-Ground	3
10-402-106 Aircraft Systems	3
10-402-120 Commercial Instrument-Flight 2	2
10-402-192 Commercial Instrument-Flight 1	3
10-402-107 CFI-Flight 1	3
10-402-186 Commercial Instrument-Flight 3	3
10-402-104 Commercial-Ground	3
10-402-105 Aerodynamics	3
10-402-194 Commercial Instrument-Flight 4	3
10-402-131 Aviation Safety & Human Factors, Intro to	1
10-402-132 Fundamentals of ATC and Airspace	1
10-402-133 Applied Aviation Safety and Human Factors	1
10-402-157 CFI-Flight 3	1
10-402-195 CFI-Flight 2	3
10-402-198 CFI-Flight 4	1

### General Studies (17 Credits)

10-809-198 Intro to Psychology	3
10-804-113 College Technical Math 1A	3
10-801-196 Oral/Interpersonal Comm	3
10-804-114 College Technical Math 1B	2
10-801-195 Written Communication	3
10-809-195 Economics	3

## Aeronautics-Professional Pilot

31-402-1

Technical Diploma\* • 32 Credits • Financial Aid Eligible • Oshkosh

If you'd like to build your flight experience for employment in the aviation industry, this diploma program can give you the training and experience you need to get started. Your training includes FAA approved 141 flight training for Private Pilot, Instrument Rating and Commercial Pilot Multi-Engine, so you'll have flight experience requirements for your first airline job. You'll also gain the knowledge and flight experience to qualify for the Commercial Single Engine certificate. You'll be well prepared for a variety of interesting career options. If your goal is to become an airline pilot, this program can offer one pathway to acquire the necessary flight hours you'll need to be eligible for those positions.

### Career Opportunities

Aerial Photography Pilot	Wildland Fire Pilot
Air Tour Pilot	Law Enforcement Pilot
Skydiver Pilot	Crop Duster
DNR Pilot	

### Occupational Specific (32 Credits)

	Credits
10-402-101 Private Pilot-Ground	3
10-402-102 Aviation Weather	3
10-402-191 Private Pilot-Flight	3
10-402-103 Instrument-Ground	3
10-402-106 Aircraft Systems	3
10-402-120 Commercial Instrument-Flight 2	2
10-402-192 Commercial Instrument-Flight 1	3
10-402-186 Commercial Instrument-Flight 3	3
10-402-104 Commercial-Ground	3
10-402-105 Aerodynamics	3
10-402-194 Commercial Instrument-Flight 4	3



Looking for opportunities  
beyond an  
associate degree?

See page 17 for  
more information.

\*View Gainful Employment at [www.fvtc.edu/GainfulEmployment](http://www.fvtc.edu/GainfulEmployment)

**Aircraft Electronics**

10-402-2

Associate Degree • 63 Credits • Financial Aid Eligible • Oshkosh

If you love airplanes and electronics, this is the degree program for you. As an aircraft electrician, you'll install, inspect, test, repair, and align communication, navigation and flight control systems. You'll learn the theory and practice of avionics and gain the skills necessary for a career as an entry-level avionics technician. Spend more than half of your time in hands-on experience with modern avionic systems and associated test equipment. When you're done, you'll be ready for certification by the National Center for Aerospace & Transportation Technologies. Once you earn the Aircraft Electronics degree, with only one additional year of instruction, you can also complete the Airframe & Powerplant Mechanics program.

**Career Opportunities**Avionics Systems Repair Technician  
Quality Assurance Technician

Avionics Systems Installation Technician

**Technical Studies (42 Credits)**

	Credits
10-402-112 Materials and Installation	3
10-402-124 Aeronautics, Introduction to	3
10-402-160 Aircraft Electrical Power	3
10-402-161 Aviation Regulations & Publications	2
10-620-103 DC Circuits 3 - Aircraft/Electromechanical	1
10-660-110 DC Circuits 1	1
10-660-111 DC Circuits 2	1
10-660-114 AC Circuits 1	1
10-402-110 Aircraft Instrument Systems	3
10-402-111 Basic Avionics Systems	3
10-402-163 Aircraft Electrical Systems	3
10-402-166 Maintenance Forms & Records	1
10-402-167 Technical Drawings & Diagrams	1
10-402-114 Avionics Communications	3
10-402-140 Avionics Control Systems	2
10-660-115 AC Circuits 2	1
10-660-120 Solid State 1	1
10-660-121 Solid State 2	1
10-660-130 Digital Electronics Tech 1	1
10-660-131 Digital Electronics Tech 2	1
10-402-143 Avionics Surveillance Systems	3
10-402-169 Avionics Navigational Systems	3

**General Studies (18 Credits)**

10-801-195 Written Communication	3
10-804-113 College Technical Math 1A	3
10-806-139 Survey of Physics	3
10-801-196 Oral/Interpersonal Comm	3
10-809-198 Intro to Psychology	3
10-809-195 Economics	3

**Suggested Electives (3 Credits)**

10-402-123 FCC License, Preparation for	1
10-402-168 Human Factors	1
10-402-144 Installation Project 1	1
10-402-145 Installation Project 2	1
10-402-146 Installation Project 3	1
10-620-152 Industrial Solid State 1	1
10-402-130 Avionics Co-op 1	1

**Airframe & Powerplant Mechanics**

32-402-1

Technical Diploma\* • 70 Credits • Financial Aid Eligible • Oshkosh

Aviation maintenance technicians play an important role in keeping aircraft safe and ready to fly. This program prepares you for Federal Aviation Administration certification which allows a mechanic to inspect and maintain U.S.-registered civil aircraft. Through hands-on training you'll learn to inspect, troubleshoot, repair, and maintain aircraft structure and aircraft engines. You'll also learn the details of maintenance documentation, recordkeeping and certification, as well as how to read technical drawings and diagrams. This career field requires a high standard of integrity and ethics. Are you ready?

**Career Opportunities**

Airline Technician

Corporate/General Aviation Technician

Aircraft Inspector

Aviation Maintenance Technician

**Occupational Specific (58 Credits)**

	Credits
10-402-112 Materials and Installation	3
10-402-160 Aircraft Electrical Power	3
10-402-161 Aviation Regulations & Publications	2
10-620-103 DC Circuits 3 - Aircraft/Electromechanical	1
10-660-110 DC Circuits 1	1
10-660-111 DC Circuits 2	1
10-660-114 AC Circuits 1	1
10-402-110 Aircraft Instrument Systems	3
10-402-111 Basic Avionics Systems	3
10-402-163 Aircraft Electrical Systems	3
10-402-166 Maintenance Forms & Records	1
10-402-167 Technical Drawings & Diagrams	1
10-402-168 Human Factors	1
32-402-310 Aircraft Powerplants 1	4
32-402-315 Powerplant Systems 1	3
32-402-316 Powerplant Systems 2	2
32-402-322 Aircraft Systems 1	2
32-402-333 Aircraft Inspection and Analysis	3
32-402-339 Propellers	2
32-442-317 Aircraft Applied Welding	1
32-402-323 Aircraft Systems 2	4
32-402-326 Structural Materials	3
32-402-327 Maintenance and Service	3
32-402-331 Aircraft Powerplant 2	4
32-402-337 Powerplant Systems 3	3

**Occupational Supportive (12 Credits)**

10-402-124 Aeronautics, Introduction to	3
10-804-113 College Technical Math 1A	3
10-801-195 Written Communication	3
10-806-139 Survey of Physics	3

# Business, Management & Finance

## ACCOUNTING & FINANCE

### Accounting

10-101-1

Associate Degree • 63 Credits • Financial Aid Eligible • Appleton, Online

If you're detail orientated, this degree program could lead to a successful accounting career. Learn how to maintain records of accounts and handle business transactions for sales, expenses, payments, purchases and inventories. You'll learn to prepare, review and interpret financial reports, which is critical information that helps management make business decisions. You'll also gain skills in Microsoft Excel spreadsheets, computerized accounting software, payroll, cost accounting and tax preparation. These services are essential for virtually any type of business, industry or government operation.

#### Career Opportunities

Accounting Associate	Staff Accountant
Payroll Accountant	Accounts Payable/Receivable Coordinator
Cost Accountant	Tax Preparer

#### Technical Studies (42 Credits)

	Credits
10-101-145 Spreadsheets, Beginning	1
10-101-152 Spreadsheets, Intermediate	1
10-101-180 Financial Accounting 1	4
10-103-120 MS Office Suite, Introduction	2
10-106-112 Keyboarding Speed Development	1
10-101-102 QuickBooks Accounting Applications	1
10-101-154 Spreadsheets, Advanced	1
10-101-181 Financial Accounting 2	4
10-101-194 Payroll	2
10-101-195 Advanced Payroll	1
10-102-112 Business, Introduction to	3
10-101-130 Cost Accounting A	2
10-101-131 Cost Accounting B	2
10-101-186 Income Tax Accounting	4
10-101-190 Financial Fraud Detection, Fundamentals of	1
10-101-193 Great Plains-Enterprise Resource Planning System	1
10-101-196 Accounting Capstone	2
10-102-103 Business Law 1	3
10-101-158 Accounting Internship	2
10-101-182 Intermediate Accounting	4

#### General Studies (18 Credits)

10-801-195 Written Communication	3
10-804-123 Math w Business Apps	3
10-801-196 Oral/Interpersonal Comm	3
10-809-166 Intro to Ethics: Theory & App	3
10-809-198 Intro to Psychology	3
10-809-195 Economics	3

#### Suggested Electives (3 Credits)

10-196-131 Problem Solving	2
10-104-151 Marketing 1, Principles of	3
10-101-103 Sage Accounting Applications	1
10-106-160 Business Relationship Development	2
10-114-175 Financial Planning	3
10-196-110 Cost Controls and Budgeting	3

### Accounting Assistant

31-101-1

Technical Diploma\* • 32 Credits • Financial Aid Eligible • Appleton, Online, Oshkosh

As an accounting assistant, you'll maintain timely and accurate records of daily business transactions, accounts receivable, accounts payable, inventories, payroll and financial statements. Gain experience with QuickBooks, Microsoft Excel spreadsheets and other software. You'll also learn and practice written, oral and interpersonal communication skills. With this diploma, you'll be an asset to any business.

#### Career Opportunities

Accounting Clerk	Accounts Payable/Receivable Clerk
Bookkeeper	Payroll Clerk
Billing Clerk	

#### Occupational Specific (26 Credits)

	Credits
10-101-145 Spreadsheets, Beginning	1
10-101-152 Spreadsheets, Intermediate	1
10-101-180 Financial Accounting 1	4
10-103-120 MS Office Suite, Introduction	2
10-106-112 Keyboarding Speed Development	1
10-804-123 Math w Business Apps	3
10-101-102 QuickBooks Accounting Applications	1
10-101-154 Spreadsheets, Advanced	1
10-101-181 Financial Accounting 2	4
10-101-194 Payroll	2
10-101-195 Advanced Payroll	1
10-102-112 Business, Introduction to	3
10-101-158 Accounting Internship	2

#### Occupational Supportive (6 Credits)

10-801-195 Written Communication	3
10-801-196 Oral/Interpersonal Comm	3

\*View Gainful Employment at [www.fvtc.edu/GainfulEmployment](http://www.fvtc.edu/GainfulEmployment)



**Banking & Financial Services**

10-114-3

Associate Degree • 62 Credits • Financial Aid Eligible • Appleton

Money makes the world go around and in this career field you are at the center of business and personal transactions. Learn about the framework of laws and regulations in the financial sector. Gain a broad knowledge of business activities as well as skills in financial accounting, sales and marketing, financial planning and investing. Learn to use problem solving strategies to help clients achieve financial goals. An internship gives you practical experience in financial services. You'll be ready to take on a position in any department of a financial institution.

**Career Opportunities**

Business Manager	Consumer Lender
Customer Service Representative/Teller	Investment Representative
Mortgage Loan Processor	

**Technical Studies (41 Credits)****Credits**

10-114-115	Credit Procedures	3
10-114-124	Money and Banking, Introduction to	3
10-103-120	MS Office Suite, Introduction	2
10-101-145	Spreadsheets, Beginning	1
10-101-152	Spreadsheets, Intermediate	1
10-101-180	Financial Accounting 1	4
10-114-104	Financial Institutions	3
10-114-175	Financial Planning	3
10-101-102	QuickBooks Accounting Applications	1
10-104-151	Marketing 1, Principles of	3
10-104-166	Intro to Sales	3
10-114-113	Financial Products and Services, Principles	3
10-114-176	Stock and Bond Investments	3
10-102-103	Business Law 1	3
10-114-121	Analyzing Financial Statements	2
10-114-182	Finance Internship	3

**General Studies (18 Credits)**

10-801-195	Written Communication	3
10-804-123	Math w Business Apps	3
10-801-196	Oral/Interpersonal Comm	3
10-809-195	Economics	3
10-809-166	Intro to Ethics: Theory & App	3
10-809-198	Intro to Psychology	3

**Suggested Electives (3 Credits)**

10-114-108	Foundations in Financial Planning	2
10-114-110	Financial Institutions Management	3
10-101-181	Financial Accounting 2	4
10-101-186	Income Tax Accounting	4

**Bookkeeping NEW**

30-101-3

Technical Diploma • 13 Credits • Financial Aid Pending •

Appleton, Online, Oshkosh

If you enjoy working with numbers and like to analyze information, then the Bookkeeping diploma might be a good fit for you. With this entry-level career program, you'll learn how to process accounting transactions, create financial statements, calculate payroll, manage Microsoft Excel spreadsheets, use QuickBooks and other accounting software. The Bookkeeping diploma is a great way to start your career or grow in your current position as a small business employee.

**Career Opportunity**

Bookkeeper

**Occupational Specific (13 Credits)****Credits**

10-101-102	QuickBooks Accounting Applications	1
10-101-145	Spreadsheets, Beginning	1
10-101-152	Spreadsheets, Intermediate	1
10-101-180	Financial Accounting 1	4
10-101-194	Payroll	2
10-101-195	Advanced Payroll	1
10-103-120	MS Office Suite, Introduction	2
10-106-112	Keyboarding Speed Development	1

# ADMINISTRATIVE PROFESSIONALS

## Administrative Professional

10-106-6

Associate Degree • 69 Credits • Financial Aid Eligible • Appleton, Oshkosh

Are you an organized, people person? You can become a key member of the office team with information processing and office technology skills. Your training will prepare you to be a valued contributor in today's high tech office. This degree program will give you skills in word processing, spreadsheets, database management, graphics, communications and web technologies — everything you need for your future career. Most organizations need people with these skills from department level to the office of the CEO. This is one of the fastest growing occupations in the U.S. and global economies.

### Career Opportunities

Administrative Assistant	Administrative Professional
Executive Assistant	Office Manager
Administrative Coordinator	Project Coordinator

### Technical Studies (45 Credits)

	Credits
10-106-108 Business Writing and Formatting	3
10-106-118 Effective Business Practice	3
10-106-166 Office Fundamentals	3
10-106-197 Office Software Applications-Word and Excel	3
10-890-100 College Success: On Course	1
10-106-114 Intro to Administrative Professional Careers	2
10-101-107 Accounting, Principles of	3
10-102-103 Business Law I	3
10-106-101 Web Technologies	2
10-106-196 Office Software Applications-Access & PowerPoint	3
10-106-140 Meeting & Event Management Fundamentals	3
10-106-160 Business Relationship Development	2
10-106-178 Presentation and Training Techniques	3
10-106-190 Critical Thinking for Business Professionals	2
10-106-104 Administrative Professional Capstone	1
10-106-126 Administrative Management	3
10-106-134 Technological Resource Management	3
10-106-152 Office Internship	2

### General Studies (21 Credits)

10-809-197 Contemporary Amer Society	3
10-801-195 Written Communication	3
10-801-196 Oral/Interpersonal Comm	3
10-804-123 Math w Business Apps	3
10-809-199 Psychology of Human Relations	3
10-809-166 Intro to Ethics: Theory & App	3
10-809-195 Economics	3

### Suggested Electives (3 Credits)

10-103-105 Introduction to Adobe Acrobat	1
10-101-102 QuickBooks Accounting Applications	1
10-106-102 Office Desktop Publishing: MS Publisher	1
10-102-112 Business, Introduction to	3
10-104-151 Marketing I, Principles of	3
10-103-109 Technology Tools for Marketing	2

## Medical Administrative Professional

10-160-2

Associate Degree • 61 Credits • Financial Aid Eligible • Appleton

Your training will prepare you to effectively organize and supervise the business related tasks of a medical office. You will learn about medical records and records management, insurance claims and medical billing, and office technologies, along with the HIPAA privacy rule and what it means in a medical office. You will also cover medical language, anatomy and physiology, and medical document editing. You'll have the knowledge and experience to start your career in a hospital, clinic, insurance company, or rehabilitation or nursing care facility.

### Career Opportunities

Insurance Billing Specialist	Medical Document Editor
Claim Processing Representative	Financial Counselor
Medical Office Supervisor	Medical Records Technician
Scheduler	Patient Accounts Specialist

### Technical Studies (37 Credits)

	Credits
10-103-120 MS Office Suite, Introduction	2
10-106-108 Business Writing and Formatting	3
10-160-100 Intro to Medical Administrative Careers	1
10-501-101 Medical Terminology	3
10-501-151 People Skills for Health Professionals	1
10-106-101 Web Technologies	2
10-106-112 Keyboarding Speed Development	1
10-160-102 Medical Office Procedures	3
10-160-107 Professionalism for Medical Admin. Professionals	2
10-501-109 Medical Law, Ethics & Profess	2
10-501-153 Body Structure and Function	2
10-101-107 Accounting, Principles of	3
10-160-108 Health Insurance Principles	3
10-160-109 Business Health Documentation	3
10-160-106 Business Health Simulation	3
10-160-112 Business Health Billing Applications	3

### General Studies (21 Credits)

10-804-123 Math w Business Apps	3
10-801-195 Written Communication	3
10-809-199 Psychology of Human Relations	3
10-801-196 Oral/Interpersonal Comm	3
10-809-196 Intro to Sociology	3
10-809-172 Introduction to Diversity Studies	3
10-809-195 Economics	3

### Electives (3 Credits)

\*View Gainful Employment at [www.fvtc.edu/GainfulEmployment](http://www.fvtc.edu/GainfulEmployment)

**Medical Office Assistant**

31-160-2

Technical Diploma\* • 28 Credits • Financial Aid Eligible • Appleton

With this diploma you can enter the high demand field of health care. The program covers medical law and ethics, business communication, medical office procedures and electronic medical records. You'll also learn medical terms, anatomy and physiology. And, you'll gain computer skills and people skills to help you work effectively. Simulated on-the-job training helps you apply what you have learned in a medical office environment.

**Career Opportunities**

Medical Receptionist	Patient Service Representative
Admitting Clerk	Medical Records Clerk
Patient Accounts Associate	Provider Relations Associate

<b>Occupational Specific (22 Credits)</b>		<b>Credits</b>
10-103-120	MS Office Suite, Introduction	2
10-106-108	Business Writing and Formatting	3
10-160-100	Intro to Medical Administrative Careers	1
10-501-101	Medical Terminology	3
10-501-151	People Skills for Health Professionals	1
10-106-101	Web Technologies	2
10-106-112	Keyboarding Speed Development	1
10-160-102	Medical Office Procedures	3
10-160-107	Professionalism for Medical Admin. Professionals	2
10-501-109	Medical Law, Ethics & Profess	2
10-501-153	Body Structure and Function	2
<b>Occupational Supportive (6 Credits)</b>		
10-804-123	Math w Business Apps	3
10-801-195	Written Communication	3

**Office Assistant**

31-106-1

Technical Diploma\* • 30 Credits • Financial Aid Eligible • Appleton, Oshkosh

Variety sums up the work of an office assistant. You can be sure no two days will be alike in this career field. Your training will help you gain keyboarding skills, telephone skills, filing and computer skills, and good interpersonal skills too. You will also study office processes and procedures to help you become a knowledgeable and valued team member. This diploma program will give you the skills employers are looking for in a wide variety of industries.

**Career Opportunities**

Office Assistant	Administrative Assistant
Customer Account Representative	Receptionist
Project Assistant	Office Clerk

<b>Occupational Specific (24 Credits)</b>		<b>Credits</b>
10-106-108	Business Writing and Formatting	3
10-106-114	Intro to Administrative Professional Careers	2
10-106-118	Effective Business Practice	3
10-106-166	Office Fundamentals	3
10-890-100	College Success: On Course	1
10-106-197	Office Software Applications -- Word and Excel	3
10-106-152	Office Internship	2
10-106-160	Business Relationship Development	2
10-106-196	Office Software Applications -- Access & PowerPoint	3
10-106-101	Web Technologies	2
<b>Occupational Supportive (6 Credits)</b>		
10-801-195	Written Communication	3
10-804-123	Math w Business Apps	3

**"Fox Valley Tech graduates bring top-level business talent. They play an important role in our growth and success."**

Senior Talent Acquisition Manager,  
J. J. Keller and Associates, Inc.



## BUSINESS & MANAGEMENT

### Broadcast Captioning

10-170-1

Associate Degree • 61 Credits • Financial Aid Eligible • Appleton

A Lakeshore Technical College program offered at FVTC

You've read the scrolling captions for the hearing-impaired on your TV screen. The person providing instantaneous text of programs is trained in realtime transcription techniques and technology. These skills can also be used to provide CART (Communication Access Realtime Translation) for hearing-impaired students in educational as well as public settings. If you're an excellent listener, enjoy keyboarding, have strong language and communication skills, are committed to accuracy and able to work on deadline, a career in broadcast captioning may be a perfect fit for your talents.

For details: [www.fvtc.edu/Programs/Shared-Programs](http://www.fvtc.edu/Programs/Shared-Programs)

### Business Management

10-102-3

Associate Degree • 60-62 Credits • Financial Aid Eligible

Appleton, Chilton, Clintonville, Online, Oshkosh, Waupaca

Do you tend to take charge in group settings? Do people say you are a natural leader? This degree will give you the skills for employment in a variety of business settings or help you start your own company. You'll learn management theory, human resources management, accounting and other quantitative methods, organization and production, marketing and business decision making. You'll become a successful supervisor, able to solve problems and control costs. Choose from one of nine specialties. An internship will help you practice and hone your skills in a real-world business environment.

#### Career Opportunities

Assistant Manager	Customer Service Supervisor
Management Trainee	Office Manager
Shift Coordinator	Team Leader

#### Technical Studies (26 Credits)

#### Credits

10-101-107	Accounting, Principles of	3
10-102-112	Business, Introduction to	3
10-103-120	MS Office Suite, Introduction	2
10-102-103	Business Law I	3
10-104-151	Marketing I, Principles of	3
10-196-191	Supervision	3
10-196-110	Cost Controls and Budgeting	3
10-196-131	Problem Solving	2
10-101-145	Spreadsheets, Beginning	1

Select a total of 3 credits from these options:

10-106-118	Effective Business Practice	3
10-145-115	Entrepreneurial Thinking	3

#### General Studies (18 Credits)

10-804-123	Math w Business Apps	3
10-809-198	Intro to Psychology	3
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-809-166	Intro to Ethics: Theory & App	3
10-809-195	Economics	3

### Select one specialty:

#### Accounting (16 Credits)

Learn accounting in preparation for a career in business, industry or government. You'll prepare for an entry-level position as assistant auditor, tax accountant assistant, junior accountant, accounts receivable clerk or internal assistant auditor. This specialty track and all core courses are available online.

10-101-180	Financial Accounting 1	4
10-101-152	Spreadsheets, Intermediate	1
10-101-181	Financial Accounting 2	4
10-101-102	QuickBooks Accounting Applications	1
10-101-154	Spreadsheets, Advanced	1
10-101-194	Payroll	2
10-101-195	Advanced Payroll	1
10-102-106	Business Management Internship	2

#### Agribusiness-Dairy Livestock (17 Credits)

Build your skills in the agribusiness field of dairy and livestock production. You'll study principles in animal herd health, nutrition, balance livestock rations, and genetics/reproduction. You'll also develop management skills to help advance your career.

10-006-113	Dairy/Livestock Nutrition	3
10-006-114	Dairy/Livestock Ration Balance	3
10-006-145	Dairy/Livestock Herd Management	3
10-006-148	Dairy Genetics and Reproduction	3
10-006-149	Dairy/Livestock Records Management	3
10-102-106	Business Management Internship	2

#### Agribusiness-Plant Science (17 Credits)

Improve or add to your skills in the agribusiness field of agronomy. You'll study principles in plant science, soil science, integrated pest management, and crop application, develop nutrient management plans, and sharpen your management skills.

10-006-102	Integrated Pest Mgmt & Weed Identification	3
10-006-141	Crop Science	3
10-006-150	Agronomy Equipment	3
10-006-143	Introduction to Soils	3
10-006-155	Nutrient Management Principles	3
10-102-106	Business Management Internship	2

#### Banking (17 Credits)

Banking courses give you a broad knowledge of business activities which relate to the operation of various banking departments. Prepare for operating positions within financial institutions such as proof, bookkeeping, accounting, loan, credit, brokerage, trust, investment, savings counseling and customer service.

10-114-124	Money and Banking, Introduction to	3
10-114-104	Financial Institutions	3
10-114-115	Credit Procedures	3
10-114-175	Financial Planning	3
10-102-106	Business Management Internship	2
10-114-176	Stock and Bond Investments	3

**Diesel (18 Credits)**

Learn to repair and maintain electronic controlled diesel engines, air conditioning systems and electronic controlled air brake systems. Our fleet of 60 diesel powered tractors puts you "in the shop" every day dealing with customer and vehicle issues. You'll build technical expertise and learn to operate the sophisticated equipment used to diagnose and correct problems.

10-412-101	Introduction to Diesel Technology	4
10-412-114	Diesel Preventive Maintenance	3
10-412-118	Drive Train	4
10-102-106	Business Management Internship	2
10-412-112	Diesel Heavy Duty Brake Systems	3
10-412-113	Diesel Steering and Suspension	2

**Entrepreneurship (17 Credits)**

Investigate the relationship between entrepreneurial thinking and opportunity, and learn how to turn that creative spark into a new business venture. You'll learn to research, develop and write detailed start-up business plans. You'll be ready to start your own successful business.

10-145-104	Entrepreneurship, Introduction to	3
10-145-105	Entrepreneurship: Managing Your New Venture	3
10-104-166	Intro to Sales	3
10-145-107	Building Your Business Model	2
10-145-108	Business Start-up & Launch Experience	3
10-145-116	Financial Intelligence for Entrepreneurs	3

**General Emphasis (17 Credits)**

Gain a broad background in management theory, human resource management and behavior, accounting and other quantitative methods, organization and production, marketing and business decision making. Learn the business knowledge and skills you'll need as a management trainee, assistant manager, or team leader in a wide cross-section of business, manufacturing, government and not-for-profit sectors of our economy. This specialty track and all core courses are available online.

10-116-193	Human Resources Management	3
10-104-166	Intro to Sales	3
10-196-108	Contemporary Business Issues	3
10-116-150	Employment Law	3
10-102-106	Business Management Internship	2
10-196-190	Leadership Development	3

**Marketing (17 Credits)**

Explore principles of marketing, sales, retailing, advertising and marketing research. You'll gain experience and participate in activities which will be useful in your career when developing and executing marketing plans, participating in teams, utilizing information technology and developing leadership skills. This specialty track and all core courses are available online.

110-104-103	Integrated Marketing Communications	3
10-104-166	Intro to Sales	3
10-104-104	Marketing Plan Development	3
10-104-124	Advanced Sales	3
10-102-106	Business Management Internship	2
10-104-100	Digital Marketing	3

**Global (17 Credits)**

The ability to effectively interact across cultures is a highly sought after skill in today's global business environment. The Global Emphasis will introduce you to principles in international relationships, explore the impact of culture on work behavior, and advance your knowledge and understanding of other cultures. You'll be equipped to incorporate global perspectives into professional interactions and decision making, in order to excel in today's competitive business environment.

10-141-166	Working Effectively Across Cultures	3
10-141-164	Global Leadership & Professional Development	3
10-802-991	Elective: Choice of Foreign Language	3
10-141-165	International Relationship Development	3
10-102-106	Business Management Internship	2
10-140-100	International Professional Field Studies	3

Get your  
associate degree and  
transfer to a  
four-year college  
or university.  
See page 17 for more information.

**Business Operations NEW**

31-102-4

Technical Diploma\* • 32 Credits • Financial Aid Pending  
Appleton, Oshkosh

Whether you're an entry level employee or you're a seasoned worker looking to update your skills, the Business Operations technical diploma is a great fit for you. You'll learn how to apply supervision, marketing, human resources and accounting skills in a business setting. In addition, opportunities to grow your communication skills will round out your training. This diploma can be completed in one year so you can apply your new skills right away. Financial aid approval is pending for this program.

**Career Opportunities**

Business Administrator	Facility Manager
Supervisor	Operations Manager
Store Manager	

**Occupational Specific (23 Credits)**

	Credits
10-101-107 Accounting, Principles of	3
10-102-112 Business, Introduction to	3
10-103-120 MS Office Suite, Introduction	2
10-116-193 Human Resources Management	3
10-102-103 Business Law 1	3
10-104-151 Marketing 1, Principles of	3
10-104-166 Intro to Sales	3
10-196-191 Supervision	3

**Occupational Supportive (9 Credits)**

10-804-123 Math w Business Apps	3
10-809-198 Intro to Psychology	3
10-801-195 Written Communication	3

**Court Reporting**

10-170-2

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton  
A Lakeshore Technical College Program Offered at FVTC

You've seen high-profile trials with a person keying the testimony into a stenograph machine or read the scrolling captions for the hearing impaired on your TV screen. The person recording the spoken words at speeds ranging from 180 to 225 words a minute is a court reporter. If you're an excellent listener, enjoy keyboarding, have strong language and communications skills, and are committed to accuracy and confidentiality, a career in court reporting may be a perfect fit for you.

For details: [www.fvtc.edu/Programs/Shared-Programs](http://www.fvtc.edu/Programs/Shared-Programs)

**Human Resources**

10-116-1

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton

Human resources professionals help managers and directors find, train and motivate employees. In this program you will gain skills to recruit individuals and coordinate hiring and orientation processes for new employees. You'll learn how to maintain important personnel records and how to administer safety, training, and recognition programs. In this career field, your duties may include developing and implementing compensation and benefits packages and overseeing legal compliance. Also learn about employment law, labor relations, insurance administration and budgeting for human resources functions. You will be well equipped for this rewarding and important career field.

**Career Opportunities**

Benefits Specialist	Human Resources Assistant
Human Resources Coordinator	Recruiting Assistant
Staff Coordinator	

**Technical Studies (39 Credits)**

	Credits
10-102-112 Business, Introduction to	3
10-116-155 Business Ethics	3
10-116-193 Human Resources Management	3
10-890-100 College Success: On Course	1
10-103-120 MS Office Suite, Introduction	2
10-116-150 Employment Law	3
10-116-154 Recruiting and Hiring	3
10-809-172 Introduction to Diversity Studies	3
10-101-194 Payroll	2
10-116-153 Compensation and Benefits	3
10-116-168 Principles of Budgeting for HR	3
10-116-123 Human Resources Internship	2
10-116-152 Technology in Human Resources	2
10-116-160 Training Design and Measurement	3
10-116-105 Employee and Labor Relations	3

**General Studies (18 Credits)**

10-801-195 Written Communication	3
10-801-196 Oral/Interpersonal Comm	3
10-804-123 Math w Business Apps	3
10-809-195 Economics	3
10-809-196 Intro to Sociology	3
10-809-198 Intro to Psychology	3

**Suggested Electives (3 Credits)**

110-196-131 Problem Solving	2
10-196-121 Safety, Principles of	2
10-802-100 Spanish 1	3
10-623-195 Lean Tools	2
10-101-145 Spreadsheets, Beginning	1

\*View Gainful Employment at [www.fvtc.edu/GainfulEmployment](http://www.fvtc.edu/GainfulEmployment)



**Management Development**

10-196-1

Associate Degree • 61 Credits • Financial Aid Eligible  
Appleton, Chilton, Clintonville, Online, Waupaca

Play an important role in any company with this degree. You'll gain skills in leadership, human resources, teamwork, quality, finance, marketing, operations, labor relations and business law. You'll also study employee training, problem solving and safety. In addition, you will develop your writing and speaking skills to become an effective communicator. With this degree, you'll be on your way to department manager, supervisor or team leader. Whether you want to work in manufacturing, banking, retail, education, government or health care, these skills will prepare you to be an effective leader.

**Career Opportunities**

Department Manager	Facilitator
Professional Recruiter	Supervisor
Team Leader	Warehouse Manager

**Technical Studies (37 Credits)**

	Credits
10-102-112 Business, Introduction to	3
10-104-151 Marketing 1, Principles of	3
10-196-192 Managing for Quality	3
10-196-190 Leadership Development	3
10-623-195 Lean Tools	2
10-116-193 Human Resources Management	3
10-196-108 Contemporary Business Issues	3
10-196-121 Safety, Principles of	2
10-196-131 Problem Solving	2
10-196-191 Supervision	3
10-116-105 Employee and Labor Relations	3
10-196-110 Cost Controls and Budgeting	3
10-196-139 Employee Training and Development	3
10-196-171 Management Development Field Study	1

**General Studies (21 Credits)**

10-801-195 Written Communication	3
10-809-198 Intro to Psychology	3
10-804-123 Math w Business Apps	3
10-809-195 Economics	3
10-809-196 Intro to Sociology	3
10-801-196 Oral/Interpersonal Comm	3
10-809-172 Introduction to Diversity Studies	3

**Suggested Electives (3 Credits)**

10-102-103 Business Law 1	3
10-103-120 MS Office Suite, Introduction	2

**Meeting & Event Management**

10-109-6

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton

Behind every successful conference, convention, association meeting and business expo is a highly skilled meeting and event manager. Whether you are just beginning or want to gain more skills, this degree will give you an advantage in a rapidly growing, exciting field. You'll learn how to negotiate contracts, manage facilities, solve problems, make decisions and communicate well. In addition, you will gain skills in developing partnerships, managing expositions and handling transportation, registration and housing for large and small events. The program includes an internship to give you experience planning, setting up, and managing an event or meeting.

**Career Opportunities**

Destination Specialist	Donor Coordinator
Event Coordinator	Event Resources Manager
Group Transportation Manager	Incentive Planner
Meeting & Event Planner	

**Technical Studies (39 Credits)**

	Credits
10-101-107 Accounting, Principles of	3
10-103-120 MS Office Suite, Introduction	2
10-106-118 Effective Business Practice	3
10-106-140 Meeting & Event Management Fundamentals	3
10-106-178 Presentation and Training Techniques	3
10-102-103 Business Law 1	3
10-104-151 Marketing 1, Principles of	3
10-106-101 Web Technologies	2
10-109-102 Transportation, Registration and Housing	2
10-109-106 Risk Management for Hospitality	2
10-109-107 Partnership Development	2
10-109-112 Exposition Management	2
10-102-157 Business Law 2	3
10-109-127 Meeting Management Internship	3
10-109-104 Meeting & Event Management, Adv. Apps	3

**General Studies (18 Credits)**

10-801-195 Written Communication	3
10-801-196 Oral/Interpersonal Comm	3
10-804-123 Math w Business Apps	3
10-809-198 Intro to Psychology	3
10-809-195 Economics	3
10-809-196 Intro to Sociology	3

**Suggested Electives (3 Credits)**

10-102-112 Business, Introduction to	3
10-109-152 Introduction to Hospitality	3
10-109-126 Customer Service Management	3
10-316-142 Catering and Special Event Planning	2
10-145-104 Entrepreneurship, Introduction to	3

**Paralegal**

10-110-1

Associate Degree • 62 Credits • Financial Aid Eligible • Appleton

Become an essential member of the legal office team with a paralegal degree. You'll work under the supervision of lawyers to draft and interpret legal documents; select, compile and use technical legal information; analyze and resolve legal procedural problems; and recognize and manage potential ethical conflicts. Your work will support and prepare attorneys with investigation, interviews and preparation, though paralegals cannot give legal advice or represent clients in court. Courses cover legal research, legal technology and law office management. Industry professionals teach the procedures and the laws you need to function effectively in a law office or a related legal field. The program includes a paralegal internship where you will practice the knowledge and skills you gained in class.

**Career Opportunities**

Court Clerk

Legal Administrative Assistant

Paralegal

**Technical Studies (44 Credits)****Credits**

10-102-103	Business Law 1	3
10-110-101	Introduction to Paralegalism & Legal Ethics	3
10-101-107	Accounting, Principles of	3
10-103-120	MS Office Suite, Introduction	2
10-110-108	Legal Research and Writing	4
10-110-151	Civil Litigation Procedures	3
10-110-106	Family Law	3
10-110-109	Paralegal Technical Skills	2
10-110-114	Administration of Estates	3
10-110-107	Legal Aspects/Business Organizations	3
10-110-142	Paralegal Internship	3
10-110-168	Paralegal Criminal Procedures	3

*Select a total of 9 credits from these options:*

10-110-110	Real Estate Law	3
10-110-160	Employment Law for Paralegals	3
10-110-111	Insurance Law for Paralegals	3
10-501-101	Medical Terminology	3
10-102-157	Business Law 2	3
10-110-153	Bankruptcy Law	3

**General Studies (18 Credits)**

10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-123	Math w Business Apps	3
10-809-196	Intro to Sociology	3
10-809-166	Intro to Ethics: Theory & App	3
10-809-198	Intro to Psychology	3

**Supply Chain Management**

10-182-1

Associate Degree • 61 Credits • Financial Aid Eligible

Appleton, Online, Oshkosh

With this degree, you can make a real contribution to an organization's success and profitability. Based on industry-recognized APICS Principles, you'll learn about the entire supply chain operation, which includes the flow of goods and information from the point of origin to the point of consumption. You'll learn business fundamentals, as well as the specific supply chain operations of transportation, inventory control, materials management, operations management, purchasing, international business and logistics management. Your training will prepare you to increase profitability by optimizing company inventory investment. Your internship will give you real-world experience and help you hit the ground running in this exciting career field.

**Career Opportunities**

Buyer/Planner

Supply Chain Analyst

Inventory Analyst

Logistics Technician

Master Production Scheduler

Materials Planner

**Technical Studies (37 Credits)****Credits**

10-102-112	Business, Introduction to	3
10-103-120	MS Office Suite, Introduction	2
10-182-123	Supply Chain Career Exploration	1
10-182-131	Fundamentals of Supply Chain Management	3
10-101-145	Spreadsheets, Beginning	1
10-182-118	Principles of Inventory Management	3
10-182-119	Principles of Operations Planning	3
10-101-152	Spreadsheets, Intermediate	1
10-182-120	Principles of Manufacturing Management	3
10-623-195	Lean Tools	2
10-182-121	Principles of Managing Operations	3
10-196-110	Cost Controls and Budgeting	3
10-138-150	Global Business Fundamentals	3
10-182-122	Principles of Distribution and Logistics	3
10-182-130	Supply Chain Management Capstone	3

**General Studies (21 Credits)**

10-801-195	Written Communication	3
10-804-123	Math w Business Apps	3
10-801-196	Oral/Interpersonal Comm	3
10-809-166	Intro to Ethics: Theory & App	3
10-809-199	Psychology of Human Relations	3
10-809-197	Contemporary Amer Society	3
10-809-195	Economics	3

**Suggested Electives (3 Credits)**

10-623-194	Introduction to Six Sigma	3
10-102-103	Business Law 1	3
10-104-151	Marketing 1, Principles of	3
10-699-102	Intercultural Communication	3
10-107-184	IT Concepts	2

# COMMUNICATIONS

## Communications, Professional 10-699-1

Associate Degree • 64 Credits • Financial Aid Eligible • Online

With this degree, you'll develop expertise in communication and technology. You will use and combine a variety of communication media, including print, audio/visual and Internet. And you'll gain skills in web graphics, social media, designing and writing web content, technical writing, video and mobile device publishing. The degree includes a professional internship where you'll put into practice skills you learned in the classroom.

### Career Opportunities

Business Analyst	Documentation Specialist
Social Media Manager	Technical Writer
Training Specialist	Web Content Developer

### Technical Studies (40 Credits) Credits

10-103-120	MS Office Suite, Introduction	2
10-104-151	Marketing 1, Principles of	3
10-699-112	Introduction to Professional Communications	3
10-890-100	College Success: On Course	1
10-152-105	Web Graphics, Introduction to	3
10-699-121	Introduction to Social Media	1
10-699-102	Intercultural Communication	3
10-699-106	Proposal/Grant Writing	3
10-699-116	Developing Product Documentation	3
10-699-117	Designing Content for the Web	3
10-699-123	Video Publishing	1
10-699-104	Research Methods for Professional Communications	3
10-699-105	Writing Content for the Web	3
10-699-120	Information Design	3
10-699-122	Publishing Content for Mobile Devices	1
10-699-141	Professional Communications Internship	3
10-699-142	E-portfolio Development	1

### General Studies (21 Credits)

10-801-136	English Composition 1	3
10-801-196	Oral/Interpersonal Comm	3
10-801-195	Written Communication	3
10-804-107	College Mathematics	3
10-809-195	Economics	3
10-809-198	Intro to Psychology	3
10-801-197	Technical Reporting	3

### Suggested Electives (3 Credits)

10-104-100	Digital Marketing	3
10-104-103	Integrated Marketing Communications	3
10-116-160	Training Design and Measurement	3
10-196-139	Employee Training and Development	3
10-152-120	HTML	2

"Fox Valley Tech teaches far beyond the textbook allowing students to demonstrate the skills needed for their field."

Samantha T.,  
Alumna, Professional Communications



# Construction

## Construction Management Technology 10-455-4

Associate Degree • 63 Credits • Financial Aid Eligible • Oshkosh

Are you ready to move up to project manager or supervisor in residential, commercial or industrial construction? This program will give you the necessary skills to determine the human, physical and financial resources necessary for project activities. You'll learn to control costs, manage documents and supervise others to be an effective project manager. Your training will include work with subcontractors, suppliers and field staff to learn how to provide timely, cost-effective project completion. If you have limited construction background, internships will give you valuable experience. You will be well prepared to assume the duties of a construction project manager.

### Career Opportunities

Assistant Construction Manager	Assistant Project Manager/Coordinator
Cost Engineer	Estimator
Expeditor	Field Engineer
Project Engineer	

### Technical Studies (45 Credits)

	Credits
10-455-101 Site Layout and Construction (CMT)	2
10-455-102 Introduction to Construction Management (CMT)	1
10-455-121 Understanding Construction Drawings (CMT)	1
10-455-127 Construction Safety Management (CMT)	2
10-455-105 Foundation System (CMT)	2
10-455-111 Structural Systems (CMT)	2
10-455-112 Exterior Enclosure Systems (CMT)	2
10-455-118 Interior Building Finishes (CMT)	2
10-455-107 Construction Management Internship (CMT)	2
10-455-125 Construction Management Field Study	1
10-101-107 Accounting, Principles of	3
10-196-191 Supervision	3
10-455-106 Construction Estimating (CMT)	2
10-455-108 Construction Contracts and Law (CMT)	2
10-455-109 Construction Scheduling (CMT)	2
10-455-120 Revit Architecture (CMT)	2
10-455-126 Mechanical, Electrical & Plumbing Systems (CMT)	3
10-455-104 Construction Engineering Fundamentals (CMT)	3
10-455-113 Construction Project Management (CMT)	2
10-455-115 Computer-Integrated-Construction (CMT)	2
10-455-116 Sustainable Design and Construction (CMT)	2
10-455-123 Construction Financial Management (CMT)	2

### General Studies (18 Credits)

10-801-195 Written Communication	3
10-801-196 Oral/Interpersonal Comm	3
10-804-113 College Technical Math 1A	3
10-806-143 College Physics I	3
10-809-195 Economics	3
10-809-199 Psychology of Human Relations	3

## Construction, Residential Building

31-410-7

Technical Diploma\* • 38 Credits • Financial Aid Eligible • Oshkosh

Learn to build or remodel a home from start to finish in this technical diploma program. Gain skills in exterior and interior finishing and frame construction with valuable hands-on experience constructing or remodeling a complete home. You'll learn how to read blueprints and become familiar with residential building codes. You'll also gain experience with the tools, machinery and equipment used in this industry. Expert instructors help you develop the work ethic, teamwork, flexibility and communication skills employers are looking for.

### Career Opportunities

Building Material Salesperson	Estimator
Remodeler	Residential Carpenter
Specialty Subcontractor (framer, roofer, cabinet installer)	

### Occupational Specific (35 Credits)

	Credits
31-409-317 Layout and Sawing Operations	2
31-410-335 Blueprint Reading & Estimating-Construction	2
31-410-354 Exterior Finish Project (RBC)	3
31-410-356 Interior Closure Project (RBC)	3
31-410-330 Exterior Finish Principles (RBC)	2
31-410-331 Interior Closure Principles (RBC)	2
31-410-315 Introduction to AutoCAD-Construction	2
31-410-358 Interior Finish Project, Basic (RBC)	3
31-410-360 Interior Finish Project, Intermediate (RBC)	3
31-410-333 Interior Finish Principles, Basic (RBC)	3
31-410-334 Interior Finish Principles, Intermediate (RBC)	3
31-410-362 Frame Construction Project (RBC)	3
31-410-363 Residential Building Codes and Regulations (RBC)	1
31-410-352 Frame Construction Principles (RBC)	3

### Occupational Supportive (3 Credits)

31-890-307 Workplace Reality	2
31-531-301 First Aid/CPR	1

Get your  
associate degree and  
transfer to a  
four-year college  
or university.

See page 17 for more information.

\*View Gainful Employment at [www.fvtc.edu/GainfulEmployment](http://www.fvtc.edu/GainfulEmployment)

**"I have a full-time job with a great salary just one year out of high school."**

**Spencer C.,  
Alumnus,  
Residential Building & Construction**

## Electricity

31-413-1

Technical Diploma\* • 37 Credits • Financial Aid Eligible • Appleton

Whether you want to be an electrician's helper or pursue an electrical apprenticeship, this program will give you the skills to get started. Gain basic knowledge of electrical code, print reading, installation requirements and electrical equipment. You'll also learn how to test electrical circuits and interpret electrical diagrams and construction drawings. Then you'll put your knowledge and skills to work on an actual residential construction site.

### Career Opportunities

Data Communications Installer Helper	Electrical Apprenticeship
Electrical Assembly Worker	Electrical/Electronics Equipment Installer
Electrical Helper	Electrical Maintenance Assistant

### Occupational Specific (37 Credits)

	Credits
10-482-102 Photovoltaic Basics & Safety	1
10-531-101 First Aid/CPR, Principles and Practices	1
31-413-311 Construction Trades Safety	1
31-413-312 Tools and Test Equipment	1
31-413-313 Electrical Principles-DC	3
31-413-315 National Electrical Code 1	1
31-413-327 Equipment Installation	3
31-413-331 Construction Trades Print Reading	2
10-482-103 Photovoltaics, Intermediate	1
31-413-322 National Electrical Code 2	1
31-413-326 Electrical Wiring Methods	3
31-413-340 Electrical Principles-AC	2
31-413-341 Motor & Controls Installation	3
31-449-304 Powered Industrial Truck Operator Training	2
10-480-101 Renewable Energies, Overview	2
10-482-104 Photovoltaic Design & Installation	2
31-413-317 Electric System Troubleshooting	1
31-413-325 National Electrical Code 3	1
31-413-342 Tools for a Successful Career	3
31-413-343 Industrial Wiring Methods	3



# Culinary & Hospitality

## Baking and Pastry Production **NEW**

31-314-3

Technical Diploma\* • 26 Credits • Financial Aid Pending • Appleton

In this hands-on program, you'll develop the knowledge and skills for a career in the bakery field. Time will be spent on preparing breads, pastries and pies. You'll refine your techniques in cake production and decorating for any event. You'll also spend time in the lab developing basic through advanced skills and learning baking principles through the creation of a variety of products.

### Career Opportunities

Baker	Bakery Clerk
Bakery Manager	Cake Decorator
Dough Mixer	Machine Operator
Mixer	Pastry Chef
Processor	Scaler

### Occupational Specific (26 Credits)

		Credits
10-109-152	Introduction to Hospitality	3
10-316-110	Culinary Fundamentals	3
10-316-118	Sanitation for Food Service Operations	1
10-316-119	Nutrition for Culinary Arts	1
10-316-121	Baking Basics	2
10-316-125	Culinary Foundations	1
10-316-170	Science of Baking	2
10-109-103	Hospitality Law and Liability	3
10-314-109	Artisan Breads and Rolls	2
10-316-120	Culinary Applications	2
10-316-122	Baking Techniques	2
10-316-172	Cake Production	1
10-316-173	Confections	1
10-316-174	Pastries	1
31-314-301	Advanced Cake Decorating	1

## Culinary Arts

10-316-1

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton

If you want to take your love of cooking to the next level, a career in culinary arts might be right for you. You'll learn how to prepare soups, meats, vegetables and desserts as well as sauces, side dishes and salads. You'll learn what it takes to coordinate and direct the work of kitchen staff—everything from menu planning and buying supplies to final presentation. In addition, you may manage budgets and coordinate food preparation with service. Whether you want to work at a local café, or own your own fine dining establishment, this program (offered in a standard or accelerated format) will give you the foundation you need.

### Career Opportunities

Baker	Banquet Chef
Catering Manager	Executive Chef
Head Cook	Pastry Chef
Restaurant/Food Service Manager	Sous Chef

### Technical Studies (42 Credits)

		Credits
10-109-152	Introduction to Hospitality	3
10-316-110	Culinary Fundamentals	3
10-316-118	Sanitation for Food Service Operations	1
10-316-119	Nutrition for Culinary Arts	1
10-316-120	Culinary Applications	2
10-316-125	Culinary Foundations	1
10-316-133	Meat Identification	1
10-531-101	First Aid/CPR, Principles and Practices	1
10-316-100	Culinary Internship	2
10-316-121	Baking Basics	2
10-316-136	Quantity Cooking	4
10-316-122	Baking Techniques	2
10-316-137	Short Order Cooking	4
10-109-125	Hospitality Sales and Promotion	2
10-316-123	Hospitality Supervision	3
10-316-124	Culinary Skills Development	1
10-316-134	Restaurant Operations - Preparation	4
10-316-135	Restaurant Operations - Service	2
10-316-141	Food, Beverage and Labor Cost Controls	3

### General Studies (15 Credits)

10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-123	Math w Business Apps	3
10-809-196	Intro to Sociology	3
10-809-198	Intro to Psychology	3

### Suggested Electives (3 Credits)

10-316-151	Asian Cuisine	1
10-316-152	European Cuisine	1
10-316-154	Ice Carving	1
10-141-100	Spanish 1 Culinary Arts	3
10-316-187	Local, Sustainable & Organic Food Products	2
10-316-186	Latin American Cuisine	1
10-316-155	Culinary Competition	2
10-316-142	Catering and Special Event Planning	2
10-109-105	Hospitality Concept Development	2

\*View Gainful Employment at [www.fvtc.edu/GainfulEmployment](http://www.fvtc.edu/GainfulEmployment)



**Food Service Production**

31-303-2

Technical Diploma\* • 31 Credits • Financial Aid Eligible • Appleton

Begin your career in the food service industry with this technical diploma. You'll learn how to prepare, season and cook soups, meats, vegetables, desserts, sauces, side dishes, salads and other food items in large quantities. Breakfast, lunch, dinner and deli are covered, as well as nutrition and sanitation. You'll have plenty of opportunity for hands-on learning in this program. Put your apron on and start stirring up the good stuff.

**Career Opportunities**

Baker	Banquet/Breakfast Cook
Caterer	Deli Worker
Food Service Worker	Prep/Line Cook

**Occupational Specific (24 Credits)**

	Credits
10-109-152 Introduction to Hospitality	3
10-316-110 Culinary Fundamentals	3
10-316-118 Sanitation for Food Service Operations	1
10-316-121 Baking Basics	2
10-316-125 Culinary Foundations	1
10-316-133 Meat Identification	1
10-316-136 Quantity Cooking	4
10-316-119 Nutrition for Culinary Arts	1
10-316-120 Culinary Applications	2
10-316-122 Baking Techniques	2
10-316-137 Short Order Cooking	4

**Occupational Supportive (7 Credits)**

10-531-101 First Aid/CPR, Principles and Practices	1
10-801-195 Written Communication	3
10-804-123 Math w Business Apps	3

**Hospitality Management**

10-109-2

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton

Whether you're preparing for an important business meeting or wedding reception, learn to create memorable experiences for customers through this degree program. Gain the necessary customer service, room operations, and dining room and food service operations skills for these exciting careers. This degree program will also teach you to sell to convention organizers and businesses, and coordinate tourism efforts for communities. You'll learn about catering and special event planning, as well as hospitality law and liability. Tourism is an integral part of the economy and creates a broad range of employment opportunities.

**Career Opportunities**

Banquet Coordinator	Catering Manager
Convention Sales Agent	Front Desk Supervisor
Hotel Manager	Meeting Planner/Tour Coordinator

**Technical Studies (42 Credits)**

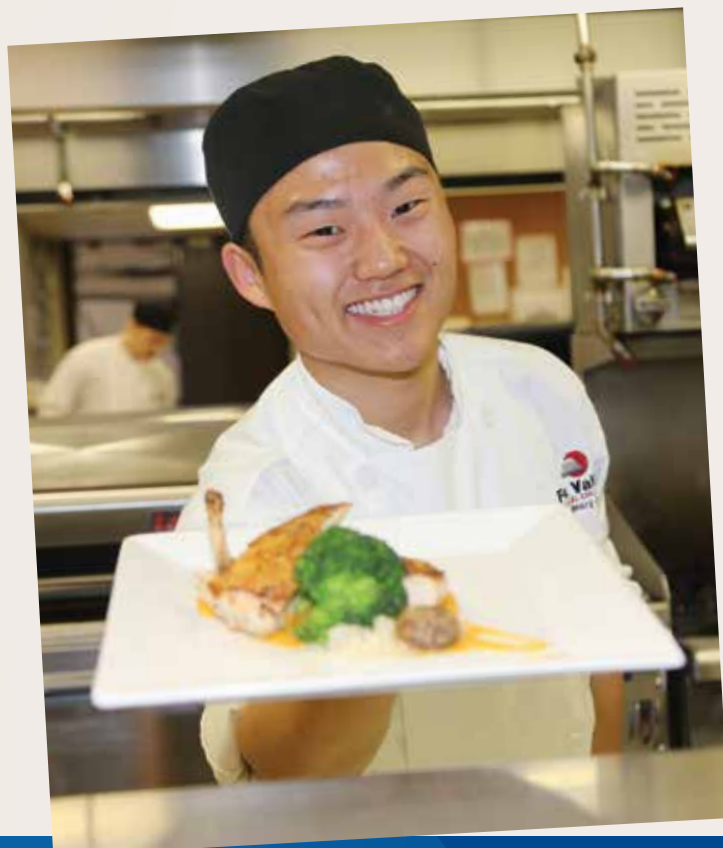
	Credits
10-109-119 Hospitality Security	2
10-109-152 Introduction to Hospitality	3
10-316-101 Food Production, Introduction to	3
10-316-120 Culinary Applications	2
10-531-101 First Aid/CPR, Principles and Practices	1
10-109-103 Hospitality Law and Liability	3
10-109-113 Hospitality - Internship 1	2
10-109-125 Hospitality Sales and Promotion	2
10-316-118 Sanitation for Food Service Operations	1
10-109-105 Hospitality Concept Development	2
10-109-111 Room Operations	3
10-109-114 Hospitality - Internship 2	2
10-109-131 Tourism: A Community Approach	3
10-316-142 Catering and Special Event Planning	2
10-109-126 Customer Service Management	3
10-109-140 Principles of Group Sales	2
10-316-123 Hospitality Supervision	3
10-316-141 Food, Beverage and Labor Cost Controls	3

**General Studies (15 Credits)**

10-801-196 Oral/Interpersonal Comm	3
10-801-195 Written Communication	3
10-804-123 Math w Business Apps	3
10-809-196 Intro to Sociology	3
10-809-198 Intro to Psychology	3

**Suggested Electives (3 Credits)**

10-109-150 Issues in Hospitality	2
10-106-140 Meeting & Event Management Fundamentals	3
10-802-149 Italian 1 for Culinary Arts	2
10-141-100 Spanish 1 Culinary Arts	3
10-316-154 Ice Carving	1
10-316-185 Pairing Wines with Foods	2
10-109-106 Risk Management for Hospitality	2



# Engineering Technologies

## ELECTRICAL & ELECTRONICS

### Electrical Engineering Technology 10-662-1

Associate Degree • 69 Credits • Financial Aid Eligible • Appleton

Employers want well-prepared electrical engineering technologists willing and able to take on more responsibility, which allows engineers to function at higher levels and engineering teams to work more efficiently. In this program, you will gain the knowledge and skills to contribute to the team. Your training will include work on electronic circuits that are stand-alone building blocks, as well as embedded controls in products, machines or processes. You will have a variety of potential career paths including product development, manufacturing, testing, quality control, installation, sales, distribution, field service, maintenance and research.

#### Career Opportunities

Electrical Engineering Technician	Electronics Technician
Engineering Test Technician	Field Service Technician
Product Developer	Security & Surveillance Technician

#### Technical Studies (36 Credits)

	Credits
10-605-130 Digital 1	1
10-605-131 Digital Electronics 2	1
10-660-110 DC Circuits 1	1
10-660-111 DC Circuits 2	1
10-660-112 DC Circuits 3	1
10-660-114 AC Circuits 1	1
10-660-151 Embedded Programming 1	1
10-660-163 Construction Techniques	1
10-660-181 Technical Software Essentials	1
10-660-184 Computer Systems	1
10-605-106 Solder Rework & Repair-IPC Prep	1
10-605-113 DC Circuits 4	1
10-605-116 AC Circuits 3	1
10-605-125 Semiconductors 3	1
10-605-146 Embedded Programming 2	1
10-605-148 Embedded Programming 3	1
10-660-115 AC Circuits 2	1
10-660-128 Semiconductors 1	1
10-660-129 Semiconductors 2	1
10-605-118 Circuit Analysis	2
10-605-119 Linear Electronics	3
10-605-160 Microcontroller Interfacing	3
10-804-120 Technical Calculus 1	4
10-605-132 Digital Electronics 3	1
10-804-119 Technical Calculus 2	4

#### General Studies (27 Credits)

10-804-115 College Technical Math 1	5
10-804-116 College Technical Math 2	4
10-806-143 College Physics 1	3
10-801-195 Written Communication	3
10-801-197 Technical Reporting	3
10-809-195 Economics	3
10-809-196 Intro to Sociology	3
10-809-199 Psychology of Human Relations	3

#### Suggested Electives (6 Credits)

10-662-112 Advanced Circuit Analysis 1	3
10-662-124 Advanced Circuit Analysis 2	3

### Electronic Engineering Technology 10-605-7

Associate Degree • 64 Credits • Financial Aid Eligible • Appleton

This broad-based degree program will prepare you for many in-demand, high-paying career fields like product development, testing, service, maintenance or engineering support. You will develop the skills you need to design, develop, test and manufacture electrical and electronic equipment such as communication equipment, medical monitoring devices, navigational equipment and computers. Your training will also include safety standards and important workplace practices. You'll learn in a flexible, hands-on environment that features the latest equipment and software.

#### Career Opportunities

CAD/CAM Technician	Design Engineer
Electrical Designer	Electronic Engineer & Technician
Industrial Technician	Network Technician

#### Technical Studies (37 Credits)

	Credits
10-605-130 Digital 1	1
10-605-131 Digital Electronics 2	1
10-660-110 DC Circuits 1	1
10-660-111 DC Circuits 2	1
10-660-112 DC Circuits 3	1
10-660-114 AC Circuits 1	1
10-660-151 Embedded Programming 1	1
10-660-163 Construction Techniques	1
10-660-181 Technical Software Essentials	1
10-660-184 Computer Systems	1
10-605-106 Solder Rework & Repair-IPC Prep	1
10-605-113 DC Circuits 4	1
10-605-116 AC Circuits 3	1
10-605-125 Semiconductors 3	1
10-605-146 Embedded Programming 2	1
10-605-148 Embedded Programming 3	1
10-660-115 AC Circuits 2	1
10-660-128 Semiconductors 1	1
10-660-129 Semiconductors 2	1
10-806-143 College Physics 1	3
10-605-119 Linear Electronics	3
10-605-141 LabVIEW Graphical Programming	2
10-605-156 CAD for Electronics	1
10-605-160 Microcontroller Interfacing	3
10-660-185 Computer Systems & Networks	1
10-605-122 PCB Assembly Systems	1
10-605-155 Product Testing/Systems	1
10-605-159 PCB Design	1
10-605-162 Electronics Final Project	2

#### General Studies (21 Credits)

10-804-115 College Technical Math 1	5
10-804-116 College Technical Math 2	4
10-801-195 Written Communication	3
10-801-196 Oral/Interpersonal Comm	3
10-809-195 Economics	3
10-809-199 Psychology of Human Relations	3

#### Suggested Electives (6 Credits)

10-609-171 Electrical Motors	1
10-620-162 Pneumatics 1	1
10-609-173 Programmable Logic Controllers 1	1
10-605-170 Digital Communications	1
10-623-128 Lean Six Sigma Fundamentals	1

# MANUFACTURING & AUTOMATION

## Automated Manufacturing Systems Technology

10-628-3

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton

Manufacturers are using machine automation and controls to produce quality products faster and more efficiently. These automated systems also provide critical information to help managers make good business decisions. The ability to produce a product while providing data is an important part of automation. Businesses need skilled people to design and build systems that integrate multiple technologies. With this degree, you could qualify for those high-tech careers. Learn about electronics, computers, control systems, programming, robots, fluid power, sensors and more. You will be able to install, program, design, troubleshoot and repair automated systems.

### Career Opportunities

Automation Engineer	Control Cell Supervisor
Design Engineer	Maintenance Technician
Project Manager	Robotic Technician

### Technical Studies (41 Credits)

	Credits
10-620-111 Fluid Power 1	1
10-620-112 Fluid Power 2	1
10-620-131 Electrical Power Distribution 1	1
10-620-164 Elements of Machines 1	1
10-620-165 Elements of Machines 2	1
10-628-101 Concepts of Programming for Technicians	1
10-628-187 AutoCAD Fundamentals	1
10-660-110 DC Circuits 1	1
10-660-111 DC Circuits 2	1
10-660-112 DC Circuits 3	1
10-660-114 AC Circuits 1	1
10-628-151 PLC 1	1
10-660-170 Ladder Logic & Control Devices	1
10-620-132 Electrical Power Distribution 2	1

10-620-142 Motors and Drives 2	1
10-620-148 Motors and Drives 1	1
10-620-188 System Troubleshooting	1
10-628-113 Electronic Construction Applications	1
10-628-152 PLC 2	1
10-628-153 PLC 3	1
10-628-159 Operator Interfaces	1
10-628-188 Blueprint Reading & AutoCAD	1
10-660-181 Technical Software Essentials	1
10-628-140 Intro to Cell Integration	1
10-628-154 PLC 4	1
10-628-155 PLC 5	1
10-628-161 Robotics 1	1
10-628-162 Robotics 2	1
10-628-171 Instrumentation & Process Control 1	1
10-628-172 Instrumentation & Process Control 2	1
10-628-173 Instrumentation & Process Control 3	1
10-628-181 Visual Basic Programming 1	1
10-628-182 Visual Basic Programming 2	1
10-660-128 Semiconductors 1	1
10-628-141 Cell Integration	3
10-628-176 Enterprise Integration 1	1
10-628-177 Enterprise Integration 2	1
10-660-184 Computer Systems	1
10-660-185 Computer Systems & Networks	1

### General Studies (18 Credits)

10-804-113 College Technical Math 1A	3
10-801-195 Written Communication	3
10-804-133 Math & Logic	3
10-809-199 Psychology of Human Relations	3
10-801-196 Oral/Interpersonal Comm	3
10-809-195 Economics	3

### Suggested Electives (1 Credits)

10-628-136 Automated Systems Design	2
10-623-100 Fundamentals of SPC	2
10-628-157 Advanced Industrial Applications	2
10-628-134A Automation Internship - 2 Cr	2

Looking for opportunities  
beyond an  
associate degree?

See page 17 for  
more information.





## Electro-Mechanical Technology

10-620-1

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton, Oshkosh

If you're a good problem solver who enjoys working with your hands, this might be a good career choice for you. You will learn to install, troubleshoot and repair complex machinery for business and industry. You'll gain knowledge and skills related to electronics, pneumatics, hydraulics, mechanical devices, industrial computers, sensors, instrumentation equipment and automated systems. You'll also learn to calibrate instruments, write programmable logic controller (PLC) programs, tune closed loop automated systems and design products. Excellent career opportunities await graduates of this degree program.

### Career Opportunities

Electro-Mechanical Technician	Engineering Test Lab Technician
Manufacturing/Service Technician	Master Mechanic
Technical Sales Representative	Tester/Assembler

### Technical Studies (38 Credits)

	Credits
10-620-112 Fluid Power 2	1
10-620-164 Elements of Machines 1	1
10-628-101 Concepts of Programming for Technicians	1
10-628-187 AutoCAD Fundamentals	1
10-660-110 DC Circuits 1	1
10-660-111 DC Circuits 2	1
10-660-114 AC Circuits 1	1
10-620-131 Electrical Power Distribution 1	1
10-620-165 Elements of Machines 2	1
10-628-151 PLC 1	1
10-660-170 Ladder Logic & Control Devices	1
10-620-111 Fluid Power 1	1
10-660-112 DC Circuits 3	1
10-620-188 System Troubleshooting	1
10-628-153 PLC 3	1
10-628-159 Operator Interfaces	1
10-620-132 Electrical Power Distribution 2	1
10-620-142 Motors and Drives 2	1
10-620-148 Motors and Drives 1	1

10-628-152 PLC 2	1
10-660-181 Technical Software Essentials	1
10-620-187 Sensors	1
10-620-190 Advanced AC/DC Variable Speed Drives	1
10-620-192 Advanced Programmable Logic Controllers 1	1
10-628-154 PLC 4	1
10-628-155 PLC 5	1
10-660-129 Semiconductors 2	1
10-660-184 Computer Systems	1
10-660-185 Computer Systems & Networks	1
10-660-128 Semiconductors 1	1
10-620-113 Fluid Power 3	1
10-620-114 Fluid Power 4	1
10-620-189 Electromechanical Systems 1	1
10-628-161 Robotics 1	1
10-628-162 Robotics 2	1
10-628-171 Instrumentation & Process Control 1	1
10-628-172 Instrumentation & Process Control 2	1
10-628-173 Instrumentation & Process Control 3	1

### General Studies (18 Credits)

10-804-113 College Technical Math 1A	3
10-801-195 Written Communication	3
10-804-133 Math & Logic	3
10-809-195 Economics	3
10-809-199 Psychology of Human Relations	3
10-801-196 Oral/Interpersonal Comm	3

### Suggested Electives (4 Credits)

10-620-169 Electronic Shop Practices	1
10-620-193 Advanced Programmable Logic Controllers 2	1
10-620-195 Industrial Operations 1	1
10-620-196 Industrial Operations 2	1
10-620-197 Robotics 1	1
10-620-198 Robotics 2	1
10-628-125 CAD for Technicians	1



**Manufacturing Engineering Technology** 10-623-3

Associate Degree • 63 Credits • Financial Aid Eligible • Appleton

Looking for a fun yet challenging career where you can use hands-on skills to solve problems? The Manufacturing Engineering Technology program will prepare you to work in all types of manufacturing industries designing and improving processes. You'll develop a broad background and gain hands-on experience in many areas including manufacturing processes, automated manufacturing, computer-aided design and manufacturing, fixture and tooling design, and mechanical and electrical system design. Lean production principles, project management, engineering economic analysis and communication skills are also important parts of this program. Get ready for a fulfilling career working with people at all levels to ensure the success of your organization.

**Career Opportunities**

Manufacturing Engineer	Manufacturing Technician
Manufacturing Engineering Technician	Engineering Technician
Manufacturing Design Engineer	Process Technician

**Technical Studies (46 Credits)**

		Credits
10-623-121	Engineering Materials	3
10-660-110	DC Circuits 1	1
10-660-111	DC Circuits 2	1
10-660-114	AC Circuits 1	1
10-628-187	AutoCAD Fundamentals	1
10-606-102	CATIA V5 - Basic	2
10-606-119	Statics and Strength of Materials	3
10-623-195	Lean Tools	2
10-660-170	Ladder Logic & Control Devices	1
10-628-151	PLC 1	1
10-606-121	Elements of Machine Design	3
10-620-111	Fluid Power 1	1
10-620-112	Fluid Power 2	1
10-623-119	Manufacturing Processes with Lab	4
10-623-132	Project Management	3
10-628-152	PLC 2	1
10-623-104	IE/ME Engineering Economics	3
10-623-120	Computer-Aided Manufacturing	4
10-623-169	Designing & Improving Processes	4
10-623-176	Fixtures, Jigs & Tooling	4
10-628-112	Robotics	2

**General Studies (17 Credits)**

10-804-197	College Algebra and Trigonometry with Applications	5
10-809-195	Economics	3
10-801-196	Oral/Interpersonal Comm	3
10-809-198	Intro to Psychology	3
10-801-195	Written Communication	3

**Quality Engineering Technology**

10-623-9

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton

Meeting customer expectations is of vital importance to the success of every organization. In the Quality Engineering Technology program, you'll gain the skills necessary to engage in continuous improvement activities as well as traditional quality and inspection duties. You'll learn how to use Lean Six Sigma tools and methods to reduce waste in any type of process and to foster an ongoing focus on continuous improvement. Quality audits and effective root causes analysis of problems are also part of the general program which allows specialization in either industrial manufacturing, or food and paper processing where laboratory skills are common.

**Career Opportunities**

Quality Engineer	Quality Technician
Continuous Improvement Specialist	Quality Analyst
Quality Inspection Technician	Quality Supervisor
Quality Assurance Technician	Quality Control Technician
Quality Control Analyst	

**Technical Studies (39 Credits)**

		Credits
10-623-115	Quality Audits	3
10-623-132	Project Management	3
10-623-171	Quality Management	3
10-623-106	Interpretation of Engineering Drawings	2
10-623-117	Preventive & Corrective Action	3
10-623-148	Manufacturing Processes	3
10-623-194	Introduction to Six Sigma	3
10-623-195	Lean Tools	2
10-623-191	Lean Events	3
10-623-196	Statistics for Six Sigma	3
10-623-173	Metrology, Inspection & Testing	3
10-623-155	Transformational Leadership	3
10-623-197	Advanced Statistical Tools for Six Sigma	3
10-623-175	Advanced Inspection Techniques	2

**General Studies (15 Credits)**

10-801-195	Written Communication	3
10-804-107	College Mathematics	3
10-801-196	Oral/Interpersonal Comm	3
10-809-195	Economics	3
10-809-198	Intro to Psychology	3

**Suggested Electives (6 Credits)**

10-623-102	Engineering Internship - 2 Cr	2
10-623-101	Engineering Internship - 3 Cr	3
10-801-197	Technical Reporting	3
10-606-114	AutoCAD, Introduction to	1

# MECHANICAL DESIGN

## Mechanical CAD Drafting

31-606-3

Technical Diploma\* • 27 Credits • Financial Aid Eligible • Appleton

Use your creativity to solve problems and create new products. Develop the technical skills needed for entry-level work in an engineering department. You will learn to interpret and prepare mechanical drawings of products and machine components to the specifications of the designer and/or the engineering team. You could also investigate other areas of the design process such as strength requirements, material choice, product improvement and cost savings. In addition, you'll learn about manufacturing processes, technical drafting and technical math.

### Career Opportunities

AutoCAD Drafter	CAD Technician/Drafter/Operator
CATIA Operator	Design Drafter
Inventor Operator	Mechanical Detailer/Drafter

### Occupational Specific (16 Credits)

	Credits
10-606-151 Sketching and the Design Process	1
10-606-152 CAD and Geometric Constructions	1
10-606-153 Multiview Projections	1
10-606-154 Section Views and Auxiliary Views	1
10-606-155 Dimensioning and Tolerancing	1
10-606-156 Threads and Fasteners	1
10-606-157 Gears and Cams	1
10-606-158 Working Drawings	1
10-606-159 Structural and Piping Drafting	1
10-606-160 AutoCAD Mechanical	1
10-623-119 Manufacturing Processes with Lab	4

Select a total of 2 credits from these options:

10-606-141 Introduction to SolidWorks	2
10-606-102 CATIA V5 - Basic	2
10-606-139 Introduction to Autodesk Inventor	2

### Occupational Supportive (11 Credits)

10-801-195 Written Communication	3
10-801-196 Oral/Interpersonal Comm	3
10-804-197 College Algebra and Trigonometry with Applications	5

## Mechanical Design Technology

10-606-1

Associate Degree • 61 Credits • Financial Aid Eligible • Appleton

Develop the skills you need to be a productive team member in an engineering department. Learn how to work with mechanical engineers to prepare and interpret drawings of products and machine components. You'll also learn how to solve design problems relating to shaft type and size, bearings, gears and fasteners. Your work may include investigation of strength requirements, material choice, product improvement or cost savings. Or you may work with engineers creating new consumer products. Either way, you'll have a solid base of technical skills and great career possibilities.

### Career Opportunities

Associate Designer	Design Engineer
Drawing Coordinator	Electrical Designer
Engineering Technician	Mechanical/Product Designer

### Technical Studies (40 Credits)

	Credits
10-606-151 Sketching and the Design Process	1
10-606-152 CAD and Geometric Constructions	1
10-606-153 Multiview Projections	1
10-606-154 Section Views and Auxiliary Views	1
10-606-155 Dimensioning and Tolerancing	1
10-606-156 Threads and Fasteners	1
10-606-157 Gears and Cams	1
10-606-158 Working Drawings	1
10-606-159 Structural and Piping Drafting	1
10-606-160 AutoCAD Mechanical	1
10-623-119 Manufacturing Processes with Lab	4
10-420-120 Metallurgy-Mechanical Design	1
10-606-109 Geometric Dimensioning and Tolerancing	2
10-606-115 Design of Tooling	4
10-606-119 Statics and Strength of Materials	3
10-606-123 Kinematics	4
10-606-111 Design Problems	4
10-606-121 Elements of Machine Design	3
10-806-144 College Physics 2	3

Select a total of 2 credits from these options:

10-606-141 Introduction to SolidWorks	2
10-606-102 CATIA V5 - Basic	2
10-606-139 Introduction to Autodesk Inventor	2

### General Studies (17 Credits)

10-801-195 Written Communication	3
10-801-196 Oral/Interpersonal Comm	3
10-809-103 Think Critically & Creatively	3
10-804-197 College Algebra and Trigonometry with Applications	5
10-809-199 Psychology of Human Relations	3

### Suggested Electives (4 Credits)

10-145-104 Entrepreneurship, Introduction to	3
10-606-124 Intro to Product Design & Rapid Prototyping	2
10-606-107 CATIA V5 - Advanced	2
10-606-128 Advanced AutoCAD	2
10-606-190 Mechanical Design Occupational Experience	2
10-606-125 3D Modeling and Materials	2

\*View Gainful Employment at [www.fvtc.edu/GainfulEmployment](http://www.fvtc.edu/GainfulEmployment)



# SAFETY, ENERGY & ENVIRONMENTAL

## Safety Engineering Technology

10-449-3

Associate Degree • 60 Credits • Financial Aid Eligible • Oshkosh

A solid background in environmental health and safety can make you a valuable employee in the manufacturing and service industries. Your ability to understand the connection between engineering and safety will help you establish a successful career in both industrial and service settings. Your training includes a wide variety of compliance and inspection topics, along with regulatory interpretation and application, workplace ethics and employee safety. You'll also gain an understanding of engineering and project management fundamentals. With this broad foundation, you'll be well equipped to meet the environmental and safety needs of today's employers.

### Career Opportunities

Customer Care Specialist

Environmental Health &amp; Safety Technician

Safety Coordinator

Safety Officer/Manager

Safety Trainer

### Technical Studies (36 Credits)

### Credits

10-449-102	Regulatory Compliance	3
10-449-162	Fundamentals of Occupational Safety	3
10-449-134	Environmental Laws & Regulations in Industry	3
10-449-153	Construction Safety Management	3
10-449-103	Accident Investigation	3
10-449-119	Ergonomics	3
10-449-154	Industrial Hygiene	4
10-116-193	Human Resources Management	3
10-449-157	Emergency Response Operations	4
10-449-161	Safety Program Management	4
10-196-190	Leadership Development	3

### General Studies (21 Credits)

10-801-195	Written Communication	3
10-804-115	College Technical Math 1	5
10-801-196	Oral/Interpersonal Comm	3
10-806-134	General Chemistry	4
10-809-199	Psychology of Human Relations	3
10-809-197	Contemporary Amer Society	3

### Suggested Electives (3 Credits)

10-103-120	MS Office Suite, Introduction	2
10-809-166	Intro to Ethics: Theory & App	3
10-449-132	Lean Safety	1
10-449-118	OSHA Environmental Technology	2
10-449-122	Introduction to the ISO 14000 Series	3

## Wind Energy Technology

10-482-1

Associate Degree • 64 Credits • Financial Aid Eligible • Appleton

A Lakeshore Technical College program offered at FVTC

The wind energy industry is the fastest growing segment of renewable energy production. The U.S. and Canadian wind industry is experiencing annual growth of 25%. Employers seek skilled technicians for operation and maintenance activities in wind farms. There is also a demand for advanced technicians with U.S. and international wind turbine manufacturers; these include: installation technicians, quality control technicians, and warranty and commissioning technicians. Operation and maintenance positions generally remain with a given wind farm location; other technicians travel extensively with the construction of new wind farms and repair/retrofitting of wind turbines around the world.

For details: [www.fvtc.edu/Programs/Shared-Programs](http://www.fvtc.edu/Programs/Shared-Programs)

## Health Science

### Dental Assistant

31-508-1

Technical Diploma\* • 33 Credits • Financial Aid Eligible • Appleton

As a dental assistant, you are an integral member of the dental health team. With this diploma, you'll be ready to give chairside assistance and conduct lab procedures under the direction of the dentist. Learn how to disinfect and sterilize dental instruments, record dental histories and vital signs, and manage dental and medical emergencies. You will also become familiar with dental procedures, equipment and radiographs. Your training will prepare you to perform basic office and laboratory procedures. At the end of this program, you'll be ready for the national certification examination.

#### Career Opportunities

Dental Office Manager	Dental Insurance Claim Representative
Dental Sales Representative	Dental Technician
Dental Treatment Coordinator	Laboratory Assistant

#### Occupational Specific (30 Credits)

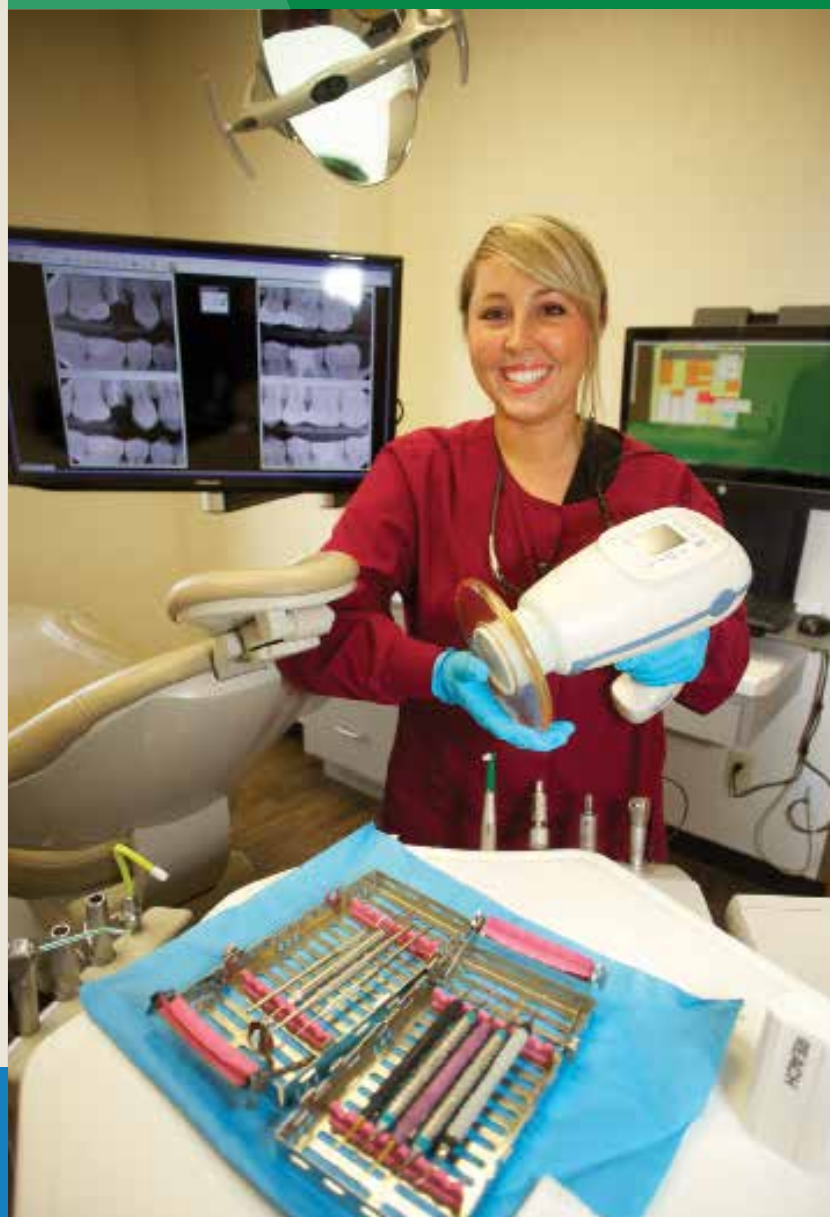
	Credits
10-508-101 Dental Health Safety	1
10-508-103 Dental Radiography	2
10-508-113 Dental Materials	2
31-508-302 Dental Chairside	5
31-508-304 Dental & General Anatomy	2
31-508-306 Dental Assistant Clinical	3
31-508-307 Dental Assistant Professional	1
10-508-120 Dental Office Management	2
31-508-308 Dental Chairside Advanced	5
31-508-309 Dental Laboratory Procedures	4
31-508-310 Dental Radiography - Advanced	1
31-508-311 Dental Assistant Clinical-Adv	2

#### Occupational Supportive (3 Credits)

10-801-196 Oral/Interpersonal Comm	3
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"I was able to work in the field while taking classes to advance my career."

Katarina A.,  
Alumna,  
Dental Assistant & Hygienist



\*View Gainful Employment at [www.fvtc.edu/GainfulEmployment](http://www.fvtc.edu/GainfulEmployment)

## Dental Hygienist

10-508-1

Associate Degree • 70 Credits • Financial Aid Eligible • Appleton

Dental hygienists play an important role in helping patients maintain oral health and prevent oral diseases. You will learn how to inspect the mouth, remove stains and deposits from teeth, apply preventative agents, and prepare clinical and diagnostic tests. You'll also learn how to take dental x-rays and perform many other services related to oral care. You'll get training in counseling patients about nutrition, oral hygiene and dental care, and will gain skills in reviewing medical history, administering screening exams, assessing periodontal health, exposing x-rays and administering local anesthesia. With this training, you'll be prepared for credentialing exams and a great career as a dental hygienist.

### Career Opportunity

Registered Dental Hygienist

### Technical Studies (42 Credits)

		Credits
10-508-102	Oral Anatomy, Embry, Histology	4
10-508-101	Dental Health Safety	1
10-508-110	Nutrition and Dental Health	2
10-508-103	Dental Radiography	2
10-508-105	Dental Hygiene Process 1	4
10-508-113	Dental Materials	2
10-508-114	Dental Pharmacology	2
10-508-106	Dental Hygiene Process 2	4
10-508-108	Periodontology	3
10-508-109	Cariology	1
10-508-111	General & Oral Pathology	3
10-508-112	Dental Hygiene Process 3	5
10-508-115	Community Dental Health	2
10-508-118	Dental Anxiety and Pain Management	2
10-508-107	Dental Hygiene Ethics & Professionalism	1
10-508-117	Dental Hygiene Process 4	4

### General Studies (27 Credits)

10-806-177	Gen Anatomy & Physiology	4
10-806-186	Intro to Biochemistry	4
10-801-195	Written Communication	3
10-806-197	Microbiology	4
10-801-196	Oral/Interpersonal Comm	3
10-809-198	Intro to Psychology	3
10-809-188	Developmental Psychology	3
10-809-196	Intro to Sociology	3

### Suggested Electives (1 Credit)

10-508-130	Dental Hygiene, Transition into Practice	1
10-508-150	Dental Hygiene Independent Study	1
10-806-103	Independent Study - Science Department	1
10-508-120	Dental Office Management	2
10-508-119	Dental Hygiene National Board Review	2
10-141-110	Spanish 1 Health Care	3
10-699-102	Intercultural Communication	3
10-508-149	Success Strategies for Dental Hygienists	2

## Health Information Technology

10-530-1

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton

Want a career in the dynamic field of healthcare, but without the patient interaction? With this degree, you deal more with the patient's healthcare information than with patients. You'll learn how to collect, code, manage and maintain the health data necessary for proper reimbursement, statistical and quality purposes. You'll learn how to manage electronic health information in an electronic health record (EHR). You'll train on current coding and chart management software and you'll gain valuable field experience that will be helpful as you seek employment.

### Career Opportunities

Cancer Registrar	EHR Implementation Specialist
Health Data Analyst	Health Information Technician
Insurance Claims Analyst	Medical Coder
Patient Information Coordinator	Revenue Cycle Auditor

### Technical Studies (42 Credits)

		Credits
10-501-101	Medical Terminology	3
10-501-107	Digital Literacy for Healthcare	2
10-530-162	Foundations of HIM	3
10-530-182	Human Disease for the Health Professions	3
10-530-178	Healthcare Law & Ethics	2
10-530-184	CPT Coding	3
10-530-197	ICD Diagnosis Coding	3
10-530-163	Healthcare Stats and Analytics	3
10-530-164	Intro to Health Informatics	3
10-530-165	Intermediate Coding	3
10-530-199	ICD Procedure Coding	2
10-530-161	Health Quality Management	3
10-530-167	Management of HIM Resources	3
10-530-185	Healthcare Reimbursement	2
10-530-196	Professional Practice	3
10-530-166	Health Information Technology Capstone	1

### General Studies (18 Credits)

10-806-189	Basic Anatomy	3
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-801-197	Technical Reporting	3
10-809-198	Intro to Psychology	3
10-809-195	Economics	3

## Medical Assistant

31-509-1

Technical Diploma\* • 33 Credits • Financial Aid Eligible  
Appleton, Chilton, Oshkosh, Waupaca

With this diploma, you become an essential part of the healthcare team. Your role is to take vital signs, assist the physician with examinations and minor office procedures, and administer medications. This career combines business and administrative duties with clinical laboratory functions. You'll learn the necessary office skills as well as specimen collection, basic lab tests and microscopic work. The program includes a supervised practicum experience, allowing you to apply what you've learned in a real world environment.

### Career Opportunities

Certified Medical Assistant	Electrocardiogram Technician
Laboratory Assistant	Medical Assistant
Medical Insurance Clerk	Phlebotomist
Registered Medical Assistant	

### Occupational Specific (25 Credits)

		Credits
10-501-182	Human Diseases for Health Care Professions	3
31-509-301	Medical Asst Admin Procedures	2
31-509-303	Medical Asst Lab Procedures 1	2
31-509-304	Medical Asst Clin Procedures 1	4
31-509-307	Med Office Insurance & Finance	2
10-501-108	Pharmacology for Allied Health	2
10-501-109	Medical Law, Ethics & Profess	2
31-509-305	Med Asst Lab Procedures 2	2
31-509-306	Med Asst Clin Procedures 2	3
31-509-310	Medical Assistant Practicum	3

### Occupational Supportive (8 Credits)

10-501-101	Medical Terminology	3
10-501-107	Digital Literacy for Healthcare	2
10-801-195	Written Communication	3

## Medical Coding Specialist

31-530-2

Technical Diploma\* • 27 Credits • Financial Aid Eligible • Appleton, Oshkosh

Medical coding specialists translate verbal descriptions of disease, injury and procedures into numerical designations. The accurate recording of this information is critical for the reimbursement of healthcare claims, medical statistics and research. You will gain an understanding of the anatomy, signs and symptoms of diseases, and medical procedures. You will also learn how to analyze medical records and assign codes to diagnoses and procedures. Upon completion, you could work in a variety of healthcare settings or for a health insurance company.

### Career Opportunities

Acute Care Coder	Chargemaster Auditor
Insurance Claims Clerk	Medical Coding Specialist
Patient Account Representative	Physician Specialty Coder

### Occupational Specific (21 Credits)

		Credits
10-501-107	Digital Literacy for Healthcare	2
10-530-184	CPT Coding	3
10-530-197	ICD Diagnosis Coding	3
10-530-162	Foundations of HIM	3
10-530-165	Intermediate Coding	3
10-530-182	Human Disease for the Health Professions	3
10-530-185	Healthcare Reimbursement	2
10-530-199	ICD Procedure Coding	2

### Occupational Supportive (6 Credits)

10-501-101	Medical Terminology	3
10-806-189	Basic Anatomy	3

## Medical Laboratory Technician NEW

10-513-1

Associate Degree • 64 Credits • Financial Aid Eligible • Appleton

Get the hands-on skills you need to become a medical laboratory technician. You'll learn to perform routine clinical laboratory tests such as hematology, clinical chemistry, immunohematology, microbiology, serology/immunology, coagulation, molecular and other emerging diagnostics as the primary analyst making specimen oriented decisions on predetermined criteria, including a working knowledge of critical values. Communication is vital in this career and you'll obtain the skills needed for interaction with team members, external relations, customer service and patient education. Throughout your training you'll also receive experience in information processing, training others and quality control monitoring.

### Career Opportunities

Certified Clinical Laboratory Technician	Clinical Laboratory Scientist
Clinical Lab Technician	Lab Assistant
Laboratory Technician	Medical Lab Technician (MLT)
Medical Technician	

### Technical Studies (40 Credits)

		Credits
10-501-101	Medical Terminology	3
10-513-110	Basic Lab Skills	1
10-513-111	Phlebotomy	2
10-513-113	QA Lab Math	1
10-513-114	Urinalysis	2
10-513-115	Basic Immunology Concepts	2
10-513-120	Basic Hematology	3
10-513-121	Coagulation	1
10-513-109	Blood Bank	4
10-513-116	Clinical Chemistry	4
10-513-130	Advanced Hematology	2
10-513-133	Clinical Microbiology	4
10-513-170	Introduction to Molecular Diagnostics	2
10-513-140	Advanced Microbiology	2
10-513-151	Clinical Experience 1	3
10-513-152	Clinical Experience 2	4

### General Studies (24 Credits)

10-801-195	Written Communication	3
10-806-177	Gen Anatomy & Physiology	4
10-806-186	Intro to Biochemistry	4
10-801-196	Oral/Interpersonal Comm	3
10-806-197	Microbiology	4
10-809-198	Intro to Psychology	3
10-809-166	Intro to Ethics: Theory & App	3

\*View Gainful Employment at [www.fvtc.edu/GainfulEmployment](http://www.fvtc.edu/GainfulEmployment)



**Neurodiagnostic Technologist NEW** 10-525-2

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton

The Neurodiagnostic Technologist program prepares you, under the supervision of a physician, to study and record electrical activity in the brain and nervous system for purposes of patient monitoring and supporting diagnoses in collaboration with the electroencephalographer. You'll learn attributes and skills to obtain interpretable recordings of patients' nervous system function. You'll become skilled in the following areas: communicating with patients, family and other healthcare personnel; taking and abstracting histories; applying adequate recording electrodes and using electroencephalography (EEG), evoked potential (EP), and polysomnography (PSG) techniques; documenting the clinical condition of patients; and understanding and employing the optimal use of EEG, EP and PSG equipment, and data recording and documentation.

**Career Opportunities**

Neurophysiology Technologist	EEG Technologist
Neurodiagnostic Technologist	Intra-operative Monitoring
Electroneurodiagnostic Technologist	

**Technical Studies (40 Credits)**

		Credits
10-501-107	Digital Literacy for Healthcare	2
10-525-101	Basic EEG	3
10-525-102	Basic Neuroscience	2
10-525-103	NeuroDiagnostic Technology Clinical I	4
10-525-104	Advanced EEG	4
10-525-105	Evoked Potential Basics	2
10-525-106	NeuroDiagnostic Technology Clinical 2	4
10-525-107	NeuroDiagnostic Technology Theory	3
10-525-108	NeuroDiagnostic Technology Practicum I	4
10-525-109	Clinical Correlates	3
10-525-110	NeuroDiagnostic Technology Registry Review	1
10-525-111	NeuroDiagnostic Technology Practicum II	4
10-525-112	NeuroDiagnostic Technology Practicum III	4

**General Studies (20 Credits)**

10-801-196	Oral/Interpersonal Comm	3
10-806-177	Gen Anatomy & Physiology	4
10-809-172	Introduction to Diversity Studies	3
10-809-198	Intro to Psychology	3
10-801-136	English Composition 1	3
10-806-179	Adv Anatomy & Physiology	4

**Nursing - Associate Degree** 10-543-1

Associate Degree • 70 Credits • Financial Aid Eligible • Appleton

From the fundamentals to the latest procedures and technology, this degree prepares you for a career as a registered nurse. You'll learn to provide care to people of all ages with common physical and mental health problems. Your high-tech training includes plenty of hands-on experience with a wide range of clinical skills, health assessments and medication administration. In addition to a significant emphasis on patient care, you will also learn about drug classifications and their effect on the body, as well as the promotion of healthy lifestyles. Throughout your training, you'll practice critical thinking, leadership, team building and accurate communications, which will prepare you to work effectively in a variety of environments and with diverse patient populations. Electives allow you to pursue specific areas of interest. Upon completion, you'll be eligible to take the National Council of State Board's examination to become a registered nurse.

**Career Opportunity**

Registered Nurse (RN)

**Technical Studies (38 Credits)**

		Credits
10-543-101	Nursing Fundamentals	2
10-543-102	Nursing Skills	3
10-543-103	Nursing Pharmacology	2
10-543-104	Nsg: Intro Clinical Practice	2
10-543-105	Nursing Health Alterations	3
10-543-106	Nursing Health Promotion	3
10-543-107	Nsg: Clin Care Across Lifespan	2
10-543-108	Nsg: Intro Clinical Care Mgt	2
10-543-109	Nsg: Complex Health Alterat 1	3
10-543-110	Nsg: Mental Health Comm Con	2
10-543-111	Nsg: Intermed Clin Practice	3
10-543-112	Nursing Advanced Skills	1
10-543-113	Nsg: Complex Health Alterat 2	3
10-543-114	Nsg: Mgt & Profess Concepts	2
10-543-115	Nsg: Adv Clinical Practice	3
10-543-116	Nursing Clinical Transition	2

**General Studies (27 Credits)**

10-801-136	English Composition 1	3
10-806-177	Gen Anatomy & Physiology	4
10-809-188	Developmental Psychology	3
10-801-196	Oral/Interpersonal Comm	3
10-806-179	Adv Anatomy & Physiology	4
10-806-197	Microbiology	4
10-809-198	Intro to Psychology	3
10-809-196	Intro to Sociology	3

**Suggested Electives (5 Credits)**

10-501-106	Holistic Health for Health Care Providers	1
10-501-109	Medical Law, Ethics & Profess	2
10-501-150	Healing the Dying	1
10-501-101	Medical Terminology	3
10-501-151	People Skills for Health Professionals	1

## Nursing Assistant

30-543-1

Technical Diploma • 3 Credits • Not Financial Aid Eligible  
Appleton, Chilton, Clintonville, Oshkosh, Waupaca

A nursing assistant is an essential member of the healthcare team. This program will help you learn how to provide for the personal care and comfort of people with health problems. You will learn to bathe, dress, feed, mobilize and transport people; obtain pulse and temperature; and report observations and reactions to the health care team. Nursing assistants prepare equipment, take care of the patient's room and keep patient records. In this role, you may assist clients with dementia and rehabilitation needs, and provide restorative care to help them maintain their independence. Upon completion, you'll be ready to take the certification exam. You will have a variety of employment options as a certified nursing assistant (CNA).

### Career Opportunities

Certified Nursing Assistant (CNA)  
Nurse Aid  
Personal Care Attendant

Home Health Aide  
Patient Care Associate  
Personal Care Worker

### Occupational Specific (3 Credits)

30-543-300 Nursing Assistant

### Credits

3



## Nursing Pathway, LPN to ADN

10-543-1PATH

Associate Degree • 71 Credits • Financial Aid Eligible • Appleton

If you are currently a practicing LPN in the state of Wisconsin and want to continue your education to become a registered nurse, this program is designed for you. You can apply 19 credits from your practical nursing program to give you a major jump start. Then continue your training with the latest procedures and technology. You'll get plenty of hands-on experience with a wide range of clinical skills, health assessments and medication administration. Our state-of-the-art health simulation environment gives you access to a variety of life-like training opportunities to build your confidence and skills. Throughout your training, you'll practice critical thinking, leadership, team building and accurate communications, which will prepare you to work effectively in a variety of environments and with diverse patient populations. Electives allow you to pursue specific areas of interest. Upon completion, you'll be eligible to take the National Council of State Board's examination to become a registered nurse.

### Career Opportunity

Registered Nurse (RN)

### Technical Studies (39 Credits)

	Credits
10-543-118 LPN to ADN Pathway	1
31-543-301 Nursing Fundamentals	2
31-543-302 Nursing Skills	3
31-543-303 Nursing Pharmacology	2
31-543-304 Nursing: Introduction to Clinical Practice	2
31-543-305 Nursing Health Alterations	3
31-543-306 Nursing Health Promotion	3
31-543-307 Nursing: Clinical Care Across the Lifespan	2
31-543-308 Nursing: Introduction to Clinical Care Management	2
10-543-109 Nsg: Complex Health Alterat 1	3
10-543-110 Nsg: Mental Health Comm Con	2
10-543-111 Nsg: Intermed Clin Practice	3
10-543-112 Nursing Advanced Skills	1
10-543-113 Nsg: Complex Health Alterat 2	3
10-543-114 Nsg: Mgt & Profess Concepts	2
10-543-115 Nsg: Adv Clinical Practice	3
10-543-116 Nursing Clinical Transition	2

### General Studies (27 Credits)

10-801-136 English Composition 1	3
10-806-177 Gen Anatomy & Physiology	4
10-809-188 Developmental Psychology	3
10-801-196 Oral/Interpersonal Comm	3
10-806-179 Adv Anatomy & Physiology	4
10-806-197 Microbiology	4
10-809-198 Intro to Psychology	3
10-809-196 Intro to Sociology	3

### Suggested Electives (5 Credits)

10-501-101 Medical Terminology	3
10-531-168 Basic Electrocardiogram Interpretation	1
10-501-106 Holistic Health for Health Care Providers	1
10-543-117 Nursing - Independent Study	1
10-501-109 Medical Law, Ethics & Profess	2
10-501-151 People Skills for Health Professionals	1
10-501-150 Healing the Dying	1
10-513-100 Phlebotomy Essentials	4
10-513-101 Phlebotomy Clinical	2

**Nursing, Paramedic to ADN Pathway** 10-543-1PARA

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton

If you're currently a practicing paramedic in the state of Wisconsin and want to continue your education to become a registered nurse, this program is designed for you. You can apply the credits from your paramedic diploma to give you a head start. Then continue your hands-on experience using a wide range of clinical skills, health assessments and medication administration. Our state-of-the-art health simulation environment gives you access to a variety of life-like training opportunities to build your confidence and skills. Throughout your training, you'll practice critical thinking, leadership, team building and accurate communications, which will prepare you to work effectively in a variety of environments and with diverse patient populations. Upon completion, you'll be eligible to take the National Council of State Board's examination to become a registered nurse.

**Career Opportunity**

Registered Nurse (RN)

Technical Studies (30 Credits)		Credits
10-531-923	Paramedic Capstone	1
10-543-127	Paramedic to ADN Theory 1	3
10-543-128	Paramedic to ADN Theory 2	3
10-543-129	Paramedic to ADN Clinical	2
10-543-130	Paramedic to ADN Skills	2
10-543-109	Nsg: Complex Health Alterat 1	3
10-543-110	Nsg: Mental Health Comm Con	2
10-543-111	Nsg: Intermed Clin Practice	3
10-543-112	Nursing Advanced Skills	1
10-543-113	Nsg: Complex Health Alterat 2	3
10-543-114	Nsg: Mgt & Profess Concepts	2
10-543-115	Nsg: Adv Clinical Practice	3
10-543-116	Nursing Clinical Transition	2
General Studies (27 Credits)		
10-801-196	Oral/Interpersonal Comm	3
10-806-177	Gen Anatomy & Physiology	4
10-809-196	Intro to Sociology	3
10-809-198	Intro to Psychology	3
10-801-136	English Composition 1	3
10-806-179	Adv Anatomy & Physiology	4
10-809-188	Developmental Psychology	3
10-806-197	Microbiology	4
Electives (3 Credits)		

**Nursing, Practical**

Technical Diploma\* • 30 Credits • Financial Aid Eligible • Appleton

31-543-1

A career as a practical nurse can be a rewarding opportunity to provide caring medical support to individuals and families across the lifespan. You'll learn how to assist with health assessments and medication administration, and will have ample opportunities for hands-on experience to develop your clinical skills. You'll also learn about drug classifications and their effect on the body, as well as the promotion of healthy lifestyles. An emphasis on critical thinking and communications will help you become a skilled nurse who is able to adapt to a variety of environments and work with diverse patient populations. Under supervision, you'll be able to manage and direct care in various health care settings. Upon completion, you'll be eligible to take the National Council of State Board's licensing exam to become an LPN.

**Career Opportunity**

Licensed Practical Nurse (LPN)

Occupational Specific (19 Credits)		Credits
31-543-301	Nursing Fundamentals	2
31-543-302	Nursing Skills	3
31-543-303	Nursing Pharmacology	2
31-543-304	Nursing: Introduction to Clinical Practice	2
31-543-305	Nursing Health Alterations	3
31-543-306	Nursing Health Promotion	3
31-543-307	Nursing: Clinical Care Across the Lifespan	2
31-543-308	Nursing: Introduction to Clinical Care Management	2
Occupational Supportive (11 Credits)		
10-501-153	Body Structure and Function	2
10-801-136	English Composition 1	3
10-809-188	Developmental Psychology	3
10-801-196	Oral/Interpersonal Comm	3

\*View Gainful Employment at [www.fvtc.edu/GainfulEmployment](http://www.fvtc.edu/GainfulEmployment)



## Occupational Therapy Assistant

10-514-1

Associate Degree • 70 Credits • Financial Aid Eligible • Appleton

In this career field, you will work with clients of all ages who have developmental, physical, social or emotional challenges that interfere with their daily living. Under the supervision of a registered occupational therapist, you will show people how to care for themselves, work, play, learn and enjoy leisure activities. Your training will include medical terminology, medical and psychosocial conditions, and the skills you'll need to assess and provide treatment interventions. You will also learn how to apply creativity, teamwork and problem solving skills to treatment plans. Hands-on lab work and clinical experiences give you ample opportunity to develop your skills. Upon completion, you will be ready to take the national certification examination.

### Career Opportunities

Adult Services Supervisor Case Manager  
Occupational Therapy Assistant

### Technical Studies (48 Credits)

		Credits
10-501-101	Medical Terminology	3
10-514-171	Introduction to Occupational Therapy	3
10-514-172	Medical and Psychosocial Conditions	3
10-514-173	Activity Analysis and Applications	2
10-514-175	Psychosocial Practice	3
10-514-174	OT Performance Skills	4
10-514-176	OT Theory and Practice	3
10-514-177	Assistive Technology and Adaptations	2
10-514-178	Geriatric Practice	3
10-514-179	Community Practice	2
10-514-182	Physical Rehabilitation Practice	3
10-514-183	Pediatric Practice	3
10-514-184	OTA Fieldwork I	2
10-514-185	OTA Practice and Management	2
10-514-186	OTA Fieldwork II A	5
10-514-187	OTA Fieldwork II B	5

### General Studies (22 Credits)

10-801-195	Written Communication	3
10-806-177	Gen Anatomy & Physiology	4
10-809-172	Introduction to Diversity Studies	3
10-809-198	Intro to Psychology	3
10-801-196	Oral/Interpersonal Comm	3
10-801-197	Technical Reporting	3
10-809-188	Developmental Psychology	3

## Pharmacy Services Management

10-536-1

Associate Degree • 65 Credits • Financial Aid Eligible • Appleton  
A Lakeshore Technical College program offered at FVTC

The associate degree in Pharmacy Services Management prepares individuals to advance their roles as Pharmacy Technicians or to transition into related roles in the workplace. Pharmacy Technicians are able to provide a wide range of duties in the pharmacy, and will enhance their technical skills through additional knowledge in third party payment processing and related reimbursement issues, staff scheduling processes, customer service and enhancing store sales. Marketing, management and business operations are also introduced in this degree. The program culminates in a capstone course that provides the student with the opportunity to apply their education to a real-life situation through increasing store sales, creating efficient operations, improving management practices or enhancing service to patients. Graduates will find positions as Senior Pharmacy Technicians, Assistant Store Managers, Trainers, Pharmacy Technician Managers and many related positions in hospital or retail pharmacies or related organizations.

For details: [www.fvtc.edu/Programs/Shared-Programs](http://www.fvtc.edu/Programs/Shared-Programs)

## Pharmacy Technician

31-536-1

Technical Diploma • 35 Credits • Financial Aid Eligible • Appleton  
A Lakeshore Technical College Program Offered at FVTC

If you're ill or injured, you have access to an enormous variety of therapeutic medications, and you trust your pharmacy to correctly interpret and fill your prescriptions. Pharmacy technicians contribute to our safety by assisting pharmacists in a variety of technical tasks. If you're attentive to detail, organized, a good communicator, and like math, science, and working with people, a career as a pharmacy technician may be your prescription for success.

For details: [www.fvtc.edu/Programs/Shared-Programs](http://www.fvtc.edu/Programs/Shared-Programs)

Want to continue your  
education beyond an  
associate degree?

See page 17 for  
more information.

\*View Gainful Employment at [www.fvtc.edu/GainfulEmployment](http://www.fvtc.edu/GainfulEmployment)

**Therapeutic Massage NEW**

31-537-1

Technical Diploma • 24 Credits • Financial Aid Pending • Appleton

The Therapeutic Massage technical diploma will provide you with training for a professional career in massage therapy or will enhance your skills and knowledge if you're already in the healthcare field. You'll gain a comprehensive understanding of human anatomy with specific attention focused on the musculoskeletal system and will receive a high degree of technical training with emphasis on massage techniques and therapy applications. Hands-on and practical business application will be part of your experience through the student-operated on-campus clinic. Upon successful completion, you'll be prepared for the exam to obtain the Wisconsin Department of Safety and Professional Services massage therapy and bodywork therapy license. Financial aid approval is pending for this program.

**Career Opportunity**

Massage Therapist

Occupational Specific (24 Credits)		Credits
31-537-301	Therapeutic Massage - Musculoskeletal Anatomy	2
31-537-302	Therapeutic Massage 1, Introduction to	4
31-537-303	Therapeutic Massage 2, Introduction to	4
31-537-309	Therapeutic Massage - Anatomy & Physiology	3
31-537-304	Therapeutic Massage, Pathology	2
31-537-305	Therapeutic Massage - Kinesiology	2
31-537-306	Therapeutic Massage - Specialized Techniques	2
31-537-307	Massage Clinic & Business Practices	3
31-537-308	Therapeutic Massage - Industry Standards	2

**"Fox Valley Tech students develop critical thinking skills to work and communicate effectively in teams."**

Education Consultant,  
ThedaCare

# Human Services

## ALCOHOL & OTHER DRUG ABUSE

### Alcohol & Other Drug Abuse Associate 10-550-1

Associate Degree • 69 Credits • Financial Aid Eligible • Appleton

Help people break free from the grip of substance abuse. In this rewarding career, you will work with a team of health and social services professionals to provide alcohol and other drug abuse (AODA) treatment services. Through classroom, laboratory and internship experience, you'll develop skills in counseling, diagnosis, treatment planning, group facilitation and crisis management. You'll also learn how to respect clients' rights and understand the complexity of addiction illnesses. This degree prepares you for entry-level work in licensed AODA facilities such as clinics, hospitals and community residential facilities, as well as correctional facilities, employee or student assistance programs, and various community and social service agencies.

#### Career Opportunities

Substance Abuse Counselor                      AODA Counselor  
Treatment Specialist

Technical Studies (44 Credits)		Credits
10-501-107	Digital Literacy for Healthcare	2
10-520-105	Personal/Professional Development	1
10-550-100	Substance Abuse Services, Overview of	2
10-550-106	Understanding Addiction	3
10-550-109	Clients' Rights and Clinical Ethics	2
10-550-118	Psychopharmacology	3
10-550-125	Counseling Skills and Practices, Basic	2
10-550-120	Assessment and Diagnosis of Substance Abuse	4
10-550-126	Counseling Theory 1	2
10-550-141	Group Facilitation	2
10-550-150	Family Systems and AODA	2
10-550-137	Pre-Internship Seminar	1
10-550-130	Counseling Theory 2	2
10-550-132	Counseling Skills Lab	1
10-550-136	AODA Case and Records Management	2
10-550-160	AODA Internship	4
10-550-161	AODA Internship Seminar	1
10-550-134	Mental Disorders, Overview of	3
10-550-138	Cross-Cultural Counseling	3
10-550-139	AODA Advanced Internship	2
General Studies (25 Credits)		
10-801-195	Written Communication	3
10-809-198	Intro to Psychology	3
10-806-198	Human Biology	4
10-801-196	Oral/Interpersonal Comm	3
10-809-159	Abnormal Psychology	3
10-809-188	Developmental Psychology	3
10-809-196	Intro to Sociology	3
10-801-197	Technical Reporting	3

## EARLY CHILDHOOD EDUCATION

### Early Childhood Education 10-307-1

Associate Degree • 70 Credits • Financial Aid Eligible • Appleton

Love being around kids? This degree program provides you with skills specific to developing and supervising young children. You'll learn about child development, relationships, behavior and diversity. You'll also learn how to create curriculum and give children positive guidance. Gain skills in observation and assessment, health, safety and nutrition—everything you need to play a role in a variety of early childhood education settings. Throughout the program, you will apply what you're learning in an actual child care setting. Your career in early childhood education is just a hop, skip and jump away.

#### Career Opportunities

Child Care Administrator                      Early Childhood Teacher  
Educational Assistant                      Head Start Teacher  
Infant Teacher                      Preschool Teacher

Technical Studies (45 Credits)		Credits
10-307-148	ECE: Foundations of Early Childhood	3
10-307-167	ECE: Hlth Safety & Nutrition	3
10-307-174	ECE: Practicum 1	3
10-307-178	ECE: Art Music & Lang Arts	3
10-307-179	ECE: Child Development	3
10-307-151	ECE: Infant & Toddler Dev	3
10-307-188	ECE: Guiding Child Behavior	3
10-307-192	ECE: Practicum 2	3
10-307-194	ECE: Math Science & Soc St	3
10-307-166	ECE: Curriculum Planning	3
10-307-187	ECE: Children w Diff Abilities	3
10-307-197	ECE: Practicum 3	3
10-307-195	ECE: Family & Community Rel	3
10-307-198	ECE: Admin an ECE Program	3
10-307-199	ECE: Practicum 4	3
General Studies (22 Credits)		
10-801-195	Written Communication	3
10-801-198	Speech	3
10-809-172	Introduction to Diversity Studies	3
10-809-166	Intro to Ethics: Theory & App	3
10-809-198	Intro to Psychology	3
10-806-114	General Biology	4
10-809-196	Intro to Sociology	3
Suggested Electives (3 Credits)		
10-307-111	Movement and Music for Children	3
10-307-113	WI Model Early Learning Standards	1
10-307-133	Curriculum for Family Child Care	3
10-307-130	Autism Spectrum Disorder (ASD) - Introduction	1
10-307-131	Autism Spectrum Disorder, Social Integration	2

\*View Gainful Employment at [www.fvtc.edu/GainfulEmployment](http://www.fvtc.edu/GainfulEmployment)



# Information Technology

## NETWORK/COMPUTER SUPPORT

### Computer Support Specialist

10-154-3

Associate Degree • 64 Credits • Financial Aid Eligible • Appleton

With this degree you'll be the "go to" IT professional in your organization. As a computer support specialist, you work with freestanding and networked desktop computers. Your job is to deliver the productivity and efficiency promised by computer hardware and software manufacturers. Learn to analyze information needs and identify alternative hardware and software solutions. You'll gain skills to plan and develop application systems, implement the systems, and train others to use them effectively. You'll master a variety of operating systems and software applications, as well as computer hardware. With the knowledge and skills you acquire in this program, you'll be prepared to support, monitor and maintain a variety of computing devices.

#### Career Opportunities

Computer Support Technician	Desktop Support Specialist
Help Desk Specialist	IT Technician
PC Support Specialist	Technical Support Specialist

#### Technical Studies (40 Credits)

		Credits
10-107-184	IT Concepts	2
10-107-187	IT Career Exploration	1
10-150-147	Linux, Introduction to	2
10-150-162	Network Essentials	2
10-154-106	Desktop Repair and Maintenance	2
10-154-107	Desktop Management	2
10-107-150	Microcomputer Applications	2
10-150-149	Windows PowerShell Scripting	3
10-150-161	Information Assurance	2
10-154-102	IT Customer Service Skills	2
10-154-105	Advanced Desktop Management	2
10-107-110	IT Professional Skills	2
10-154-101	Emerging Technologies and Trends	3
10-154-109	IT Service Desk Concepts	3
10-150-116	Network Infrastructure I	3
10-150-127	IT Project Management	2
10-150-156	Windows Server	3
10-154-108	IT Service Desk Practicum	2

#### General Studies (21 Credits)

10-801-195	Written Communication	3
10-804-133	Math & Logic	3
10-801-196	Oral/Interpersonal Comm	3
10-804-123	Math w Business Apps	3
10-801-197	Technical Reporting	3
10-809-166	Intro to Ethics: Theory & App	3
10-809-199	Psychology of Human Relations	3

#### Suggested Electives (3 Credits)

10-809-110	Leadership as an Art	3
10-107-113	Information Technology Internship 1	1
10-107-114	Information Technology Internship 2	2
10-150-144	Ethical Hacking	3
10-152-104	Web Design Basics Using Dreamweaver	1

### Help Desk Support Specialist

31-154-7

Technical Diploma\* • 31 Credits • Financial Aid Eligible • Appleton

Do you enjoy helping others with their computers? This diploma could be the perfect fit for you. You'll learn how to install, support and troubleshoot personal computer hardware, software and peripherals, and will develop the skills you need to interact with a variety of computer users. You'll become familiar with network cabling systems, information security and server administration. The hands-on training will help you gain skills with Intel-based system configuration and improvement, component care and troubleshooting. This program will give you a solid technical background to be an effective help desk support specialist.

#### Career Opportunity

Help Desk Technician

Help Desk Specialist

#### Occupational Specific (28 Credits)

		Credits
10-107-184	IT Concepts	2
10-107-187	IT Career Exploration	1
10-150-161	Information Assurance	2
10-150-162	Network Essentials	2
10-154-102	IT Customer Service Skills	2
10-154-106	Desktop Repair and Maintenance	2
10-154-107	Desktop Management	2
10-154-109	IT Service Desk Concepts	3
10-107-110	IT Professional Skills	2
10-150-156	Windows Server	3
10-154-101	Emerging Technologies and Trends	3
10-154-105	Advanced Desktop Management	2
10-154-108	IT Service Desk Practicum	2

#### Occupational Supportive (3 Credits)

10-801-195	Written Communication	3
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Looking for opportunities  
beyond an associate degree?

See page 17 for  
more information.

## Information Systems Security Specialist **NEW**

10-151-3

Associate Degree • 64 Credits • Financial Aid Eligible • Appleton

Cyber-security, including computer and information systems security, is a rapidly growing field. With an Information Systems Security Specialists degree, you'll monitor and implement security measures to protect an organization's computer network(s) and systems. You'll learn how to ensure that appropriate security controls are in place to safeguard digital files and vital electronic infrastructure, as well as, how to respond to computer security breaches and viruses. This program will also provide you with background and hands-on experience in fraud detection, technical reporting, risk assessment and server applications.

### Career Opportunities

Information Security Technologist	Information Security Analyst
Incident Response Specialist	Technology Risk Analyst
Cyber Security Analyst	Cyber Security Professional
Network Security Analyst	Security Technology Analyst

### Technical Studies (40 Credits)

	Credits
10-150-144 Ethical Hacking	3
10-150-161 Information Assurance	2
10-150-162 Network Essentials	2
10-154-107 Desktop Management	2
10-504-176 CCI: Computer Crime Investigation	2
10-101-190 Financial Fraud Detection, Fundamentals of	1
10-150-116 Network Infrastructure 1	3
10-150-149 Windows PowerShell Scripting	3
10-150-156 Windows Server	3
10-150-141 Operating Systems Security	2
10-150-167 Risk Assessment	3
10-150-168 Security Monitoring and Operations	3
10-150-160 Network Security	3
10-150-166 Incident Response	3
10-504-179 CCI: Basic Data Recovery	2
10-150-159 Server Applications	3

### General Studies (21 Credits)

10-804-133 Math & Logic	3
10-801-195 Written Communication	3
10-801-196 Oral/Interpersonal Comm	3
10-809-166 Intro to Ethics: Theory & App	3
10-801-197 Technical Reporting	3
10-804-123 Math w Business Apps	3
10-809-199 Psychology of Human Relations	3

### Suggested Electives (3 Credits)

10-504-178 CCI: Investigating Internet Crime	2
10-150-159 Server Applications	3
10-504-177 CCI: Computer Crime Law	3
10-150-122 Network Infrastructure 2	3

## Network Specialist

10-150-2

Associate Degree • 65 Credits • Financial Aid Eligible • Appleton

Information sharing is an important function in any organization. As a network specialist you implement, maintain and troubleshoot a variety of network equipment. This degree gives you a solid foundation in information technology for today's business environment, and the skills to manage a single local area network or work in a complex telecommunication wide area network environment. You'll learn to install and configure switches, routers and access points. You'll also learn about operating systems, desktop repair and maintenance, security, cabling, scripting, and much more. You'll build your project management and communication skills, and will be well prepared for today's high tech workplace.

### Career Opportunities

Network Installation Technician	Network Administrator
Network Analyst	Network Support Specialist
Network Technician	Wireless Networking

### Technical Studies (41 Credits)

	Credits
10-107-184 IT Concepts	2
10-107-187 IT Career Exploration	1
10-150-147 Linux, Introduction to	2
10-150-162 Network Essentials	2
10-154-106 Desktop Repair and Maintenance	2
10-154-107 Desktop Management	2
10-150-116 Network Infrastructure 1	3
10-150-129 Scripting Using Perl	3
10-150-156 Windows Server	3
10-150-161 Information Assurance	2
10-107-110 IT Professional Skills	2
10-150-122 Network Infrastructure 2	3
10-150-127 IT Project Management	2
10-150-146 Wireless Networking	2
10-150-144 Ethical Hacking	3
10-150-145 IP (Internet Protocol) Telephony	2
10-150-160 Network Security	3
10-150-163 Network Specialist Capstone	2

### General Studies (21 Credits)

10-801-195 Written Communication	3
10-804-133 Math & Logic	3
10-801-196 Oral/Interpersonal Comm	3
10-804-123 Math w Business Apps	3
10-801-197 Technical Reporting	3
10-809-166 Intro to Ethics: Theory & App	3
10-809-199 Psychology of Human Relations	3

### Suggested Electives (3 Credits)

10-107-113 Information Technology Internship 1	1
10-107-114 Information Technology Internship 2	2
10-150-105 Virtualization Technologies	3
10-150-107 System Administration	3
10-150-148 Linux Administration	3
10-150-159 Server Applications	3

**Network Systems Administration**

10-150-5

Associate Degree • 66 Credits • Financial Aid Eligible • Appleton, Online

Looking for a great career in the information technology field? Today's organizations demand advanced, secure information sharing technology. Get the training you need to be a skilled network systems administrator. You'll learn how to install, troubleshoot and maintain network operating systems—from a single server to a complex variety of servers. In addition, you'll learn about virtualization technologies, desktop repair and maintenance, scripting, and more. Your hands-on training also includes system administration, project management and operating system security. This degree is the ticket to a promising career.

**Career Opportunities**

Email Administrator

Network Analyst

Windows System Administrator

Network Administrator

Unix/Linux System Administrator

**Technical Studies (42 Credits)**

		Credits
10-107-184	IT Concepts	2
10-107-187	IT Career Exploration	1
10-150-147	Linux, Introduction to	2
10-150-162	Network Essentials	2
10-154-106	Desktop Repair and Maintenance	2
10-154-107	Desktop Management	2
10-150-116	Network Infrastructure 1	3
10-150-149	Windows PowerShell Scripting	3
10-150-156	Windows Server	3
10-150-161	Information Assurance	2
10-107-110	IT Professional Skills	2
10-150-127	IT Project Management	2
10-150-148	Linux Administration	3
10-150-159	Server Applications	3
10-150-105	Virtualization Technologies	3
10-150-141	Operating Systems Security	2
10-150-144	Ethical Hacking	3
10-150-164	System Administration Practicum	2

**General Studies (21 Credits)**

10-801-195	Written Communication	3
10-804-133	Math & Logic	3
10-801-196	Oral/Interpersonal Comm	3
10-804-123	Math w Business Apps	3
10-801-197	Technical Reporting	3
10-809-166	Intro to Ethics: Theory & App	3
10-809-199	Psychology of Human Relations	3

**Suggested Electives (3 Credits)**

10-107-113	Information Technology Internship 1	1
10-107-114	Information Technology Internship 2	2
10-150-122	Network Infrastructure 2	3
10-150-145	IP (Internet Protocol) Telephony	2
10-150-146	Wireless Networking	2

**SOFTWARE DEVELOPMENT/WEB****Software Developer**

10-152-1

Associate Degree • 70 Credits • Financial Aid Eligible • Appleton

Are you good at problem solving? Software developers solve problems by developing computer applications for business, such as producing payroll checks, billing customers, tracking of inventory and many other important functions. You'll learn how to analyze business needs; then use that information to design, write and maintain program code to meet that need. Your work may include software and hardware on personal computers or interfacing with systems on the Web. You learn basic computer concepts and terminology and will develop skills in database concepts and applications, data manipulation, problem solving and general language architecture. You'll have opportunities to practice with hands-on exercises, projects and assignments.

**Career Opportunities**

Application Developer

Computer Programmer/Analyst

Information Systems Analyst

Application Tester

Database Administrator

**Technical Studies (46 Credits)**

		Credits
10-107-184	IT Concepts	2
10-107-187	IT Career Exploration	1
10-152-111	C# Introduction to Programming	3
10-152-120	HTML	2
10-152-168	Data Access for Programmers	3
10-107-158	Systems Analysis	3
10-152-114	Computer Programming C++	3
10-152-116	C# Intermediate Programming	3
10-152-121	PHP	3
10-152-170	Data Administration Techniques	3
10-152-108	Advanced Software Development	3
10-152-125	ASP.Net	3
10-152-169	Advanced Database Design	3
10-152-180	Introduction to Mobile Development	3
10-154-107	Desktop Management	2
10-152-126	Agile Development	3
10-152-182	Android Programming	3

**General Studies (21 Credits)**

10-801-195	Written Communication	3
10-804-133	Math & Logic	3
10-801-196	Oral/Interpersonal Comm	3
10-801-197	Technical Reporting 3	3
10-804-123	Math w Business Apps	3
10-809-166	Intro to Ethics: Theory & App	3
10-809-199	Psychology of Human Relations	3

**Suggested Electives (3 Credits)**

10-107-186	IT Career Skills	3
10-152-165	Oracle Database Administration	3
10-152-117	JavaScript	3
10-152-181	iOS Programming	3



## Web Design 31-152-2

Technical Diploma\* • 30 Credits • Financial Aid Pending • Appleton

With the Web Design technical diploma, you'll be prepared to work in this ever-changing technology field. You'll learn languages and tools for designing and developing the content, presentation and behavior of responsive websites. Hands-on courses will include layout techniques, optimizing graphics for the web, utilizing a content management system, writing web-friendly content, and learning basic design and programming skills.

### Career Opportunity

Web Designer

Occupational Specific (30 Credits)		Credits
10-107-137	Web Tools	2
10-152-105	Web Graphics, Introduction to	3
10-152-111	C# Introduction to Programming	3
10-152-120	HTML	2
10-150-144	Ethical Hacking	3
10-152-106	Cascading Style Sheets (CSS)	3
10-152-133	JavaScript/jQuery	3
10-152-121	PHP	3
10-152-131	WordPress	3
10-152-132	Mobile Web	3
10-107-110	IT Professional Skills	2



\*View Gainful Employment at [www.fvtc.edu/GainfulEmployment](http://www.fvtc.edu/GainfulEmployment)

## Web Development & Design Specialist 10-152-2

Associate Degree • 63 Credits • Financial Aid Eligible • Appleton

The rapidly evolving field of Web development has created a need for people with the technical skills to design, develop and support websites. Virtually all businesses require a public website and many develop internal intranets to support various applications. This degree will give you skills to create and maintain professional, high quality websites. You will learn how to use cascading style sheets (CSS), as well as HTML, JavaScript, PHP and XML. You'll also learn how to develop database-driven websites with dynamic content. Your training includes the development of web graphics and animation techniques. Businesses large and small are calling on people with these skills to help them establish and maintain a website. Get the training you need for this exciting career field.

### Career Opportunities

User Interface Designer	Web Designer
Web Developer/Programmer	Web Marketing
Web Systems Administrator	Webmaster

### Technical Studies (39 Credits)

10-107-137	Web Tools	2
10-152-105	Web Graphics, Introduction to	3
10-152-111	C# Introduction to Programming	3
10-152-120	HTML	2
10-150-144	Ethical Hacking	3
10-152-106	Cascading Style Sheets (CSS)	3
10-152-121	PHP	3
10-152-168	Data Access for Programmers	3
10-152-133	JavaScript/jQuery	3
10-152-125	ASP.Net	3
10-152-131	WordPress	3
10-152-132	Mobile Web	3
10-107-110	IT Professional Skills	2
10-152-126	Agile Development	3

### General Studies (21 Credits)

10-801-195	Written Communication	3
10-804-133	Math & Logic	3
10-801-196	Oral/Interpersonal Comm	3
10-801-197	Technical Reporting	3
10-804-123	Math w Business Apps	3
10-809-166	Intro to Ethics: Theory & App	3
10-809-199	Psychology of Human Relations	3

### Suggested Electives (3 Credits)

10-152-110	Java Applications Programming	3
10-152-116	C# Intermediate Programming	3
10-152-166	Python Programming	3
10-107-113	Information Technology Internship 1	1
10-107-114	Information Technology Internship 2	2

Get your  
associate degree and  
transfer to a  
four-year college  
or university.

See page 17 for more information.

# Manufacturing

## INDUSTRIAL MAINTENANCE

### Industrial Maintenance Mechanic 31-462-2

Technical Diploma\* • 26 Credits • Financial Aid Eligible • Appleton

This career field offers plenty of opportunity to problem solve and work with your hands. You'll gain a high level of technical skills to prepare you for an entry-level position working with industrial machinery. Your training will include an introduction to electrical motors and safety, control devices and power systems. You'll also learn about blueprints, rigging and lifting, and computer-aided design. You'll get hands-on experience applying what you've learned in the machine shop.

#### Career Opportunities

Industrial Maintenance Technician      Industrial Machine Operator

#### Occupational Specific (26 Credits) Credits

10-620-111	Fluid Power 1	1
10-620-112	Fluid Power 2	1
10-628-101	Concepts of Programming for Technicians	1
10-628-187	AutoCAD Fundamentals	1
10-628-188	Blueprint Reading & AutoCAD	1
10-660-110	DC Circuits 1	1
10-660-111	DC Circuits 2	1
10-660-112	DC Circuits 3	1
10-660-114	AC Circuits 1	1
10-804-113	College Technical Math 1A	3
10-628-151	PLC 1	1
10-660-170	Ladder Logic & Control Devices	1
10-620-131	Electrical Power Distribution 1	1
10-620-132	Electrical Power Distribution 2	1
10-620-142	Motors and Drives 2	1
10-620-148	Motors and Drives 1	1
10-620-164	Elements of Machines 1	1
10-620-165	Elements of Machines 2	1
10-620-188	System Troubleshooting	1
10-628-113	Electronic Construction Applications	1
10-628-152	PLC 2	1
10-628-153	PLC 3	1
10-628-159	Operator Interfaces	1
10-660-181	Technical Software Essentials	1

### Technical Studies-Journeyworker 10-499-5

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton

If you are currently working on or if you've already completed a trade apprenticeship with at least 400 hours of paid related instruction (PRI), this degree program will help you build on your experience and add depth to your technical skills. With your Wisconsin Journeyworker Certificate as a solid foundation, you will enhance your career potential with studies in communications, social science, behavioral science and math. You'll begin with 39 credits from your apprenticeship, and add 21 additional credits of general studies. You'll be well prepared for future career growth in your chosen field.

#### Career Opportunity

Trades Journeyworker

#### Technical Studies (39 Credits)

10-499-039 Journeyworker-Advanced Standing 39

Select a total of 3 credits from these options:

10-809-198	Intro to Psychology	3
10-809-199	Psychology of Human Relations	3
10-809-159	Abnormal Psychology	3
10-809-188	Developmental Psychology	3

Select a total of 6 credits from these options:

10-801-196	Oral/Interpersonal Comm	3
10-801-197	Technical Reporting	3
10-801-198	Speech	3
10-801-136	English Composition 1	3
10-801-195	Written Communication	3

Select a total of 3 credits from these options:

10-809-196	Intro to Sociology	3
10-809-195	Economics	3
10-809-197	Contemporary Amer Society	3
10-809-166	Intro to Ethics: Theory & App	3
10-809-172	Introduction to Diversity Studies	3
10-809-110	Leadership as an Art	3

Select a total of 3 credits from these options:

10-806-134	General Chemistry	4
10-806-143	College Physics 1	3
10-806-144	College Physics 2	3
10-806-114	General Biology	4
10-804-123	Math w Business Apps	3
10-804-115	College Technical Math 1	5
10-804-113	College Technical Math 1A	3
10-804-116	College Technical Math 2	4
10-804-114	College Technical Math 1B	2
10-804-107	College Mathematics	3

Select a total of 6 credits from these options:

10-801-196	Oral/Interpersonal Comm	3
10-809-196	Intro to Sociology	3
10-801-197	Technical Reporting	3
10-801-198	Speech	3
10-809-195	Economics	3
10-809-197	Contemporary Amer Society	3
10-809-198	Intro to Psychology	3
10-809-199	Psychology of Human Relations	3
10-809-166	Intro to Ethics: Theory & App	3
10-809-172	Introduction to Diversity Studies	3
10-809-159	Abnormal Psychology	3
10-809-188	Developmental Psychology	3
10-804-123	Math w Business Apps	3
10-804-115	College Technical Math 1	5
10-804-113	College Technical Math 1A	3
10-804-116	College Technical Math 2	4
10-804-114	College Technical Math 1B	2
10-809-110	Leadership as an Art	3
10-804-107	College Mathematics	3
10-801-195	Written Communication	3

## MANUFACTURING OPERATIONS

### Industrial Engineering Technology

10-623-1

Associate Degree • 60 Credits • Financial Aid Eligible  
Appleton, Chilton, Online, Oshkosh

Prepare to be an effective team member and problem solver in today's fast-paced manufacturing environment. In this program, you'll learn about the issues facing industrial engineering and gain core background knowledge of lean production principles. You'll also learn about the analytical methods used to evaluate, problem solve and improve processes, including Six Sigma, and how to employ these methods to improve the workplace around you. When you've completed this program, you'll be ready to work in the manufacturing, food processing and service industries.

#### Career Opportunities

Industrial Engineer	Manufacturing Engineer
Manufacturing Supervisor	Process Engineer
Process Improvement Specialist	Team Leader

#### Technical Studies (40 Credits)

		Credits
10-623-103	IE/ME Production Engineering	3
10-623-132	Project Management	3
10-623-194	Introduction to Six Sigma	3
10-623-106	Interpretation of Engineering Drawings	2
10-623-112	IE/ME-Facility Planning & Material Handling	3
10-623-148	Manufacturing Processes	3
10-623-195	Lean Tools	2
10-623-155	Transformational Leadership	3
10-623-191	Lean Events	3
10-623-196	Statistics for Six Sigma	3
10-449-119	Ergonomics	3
10-623-104	IE/ME Engineering Economics	3
10-623-107	IE/ME-Work Measurement	3
10-623-197	Advanced Statistical Tools for Six Sigma	3

#### General Studies (15 Credits)

10-801-195	Written Communication	3
10-804-107	College Mathematics	3
10-801-196	Oral/Interpersonal Comm	3
10-809-198	Intro to Psychology	3
10-809-195	Economics	3

#### Suggested Electives (5 Credits)

10-606-114	AutoCAD, Introduction to	1
10-801-197	Technical Reporting	3
10-623-102	Engineering Internship - 2 Cr	2

## METAL MACHINING, FABRICATION & WELDING

### Machine Tool Technician

32-420-1

Technical Diploma\* • 61 Credits • Financial Aid Eligible • Appleton

Machinists make up the majority of workers in the metalworking trades, and create parts for machinery, transportation, printing and paper companies. Your work will involve setting up the machines, operating the controls and checking the accuracy of the work. You'll learn how to shape metal parts to precise dimensions, and will gain skills using a variety of hand and electric tools including lathes, milling machines, grinders, drill presses and saws.

#### Career Opportunities

Machine Technician	Machinist
Molder	Patternmaker
Tool Technician	Water Jet Operator

#### Occupational Specific (52 Credits)

		Credits
32-420-331	Measurement & Benchwork 1	3
32-420-332	Measurement & Benchwork 2	3
32-420-333	Engine Lathe 1	3
32-420-334	Engine Lathe 2	3
32-420-350	Blueprint Reading, Basic-MTO	1
32-420-335	Manual Milling Machines 1	3
32-420-336	Manual Milling Machines 2	3
32-420-337	Manual Machine Tools, Adv. 1	3
32-420-338	Manual Machine Tools, Adv. 2	3
32-420-353	Blueprint Reading, Adv-MTO	1
32-442-301	Basic Welding for Machine Tool Operation	1
32-420-314	Manufacturing Techniques, Cold	1
32-420-339	Grinding Processes 1	3
32-420-340	Grinding Processes 2	3
32-420-341	CNC M/G Code 1	3
32-420-342	CNC M/G Code 2	3
32-420-343	CNC, Advanced 1	3
32-420-344	CNC, Advanced 2	3
32-420-345	CAM Programming & Toolmaking 1	3
32-420-346	CAM Programming & Toolmaking 2	3

#### Occupational Supportive (9 Credits)

31-804-307	Math for the Trades	2
31-809-300	Human Relations	2
32-420-351	Metallurgy, MTO	1
31-801-318	Communication, Applied	2
32-420-352	CAD/CAM-Machine Tool	2

"Fox Valley Tech's hands-on curriculum has been the key to my success."

Erin W.,  
Alumna, Machine Tool Technician



**Welding Technology, Industrial**

10-621-1

Associate Degree • 69 Credits • Financial Aid Eligible • Appleton, Oshkosh

As an industrial welding technician, you assist engineers, supervisors and journeymen in the production of quality welded and metal fabricated parts. You will learn how to provide technical assistance in the planning, development and implementation of a production cycle. Your training includes lots of hands-on training in fabrication and welding techniques, along with a thorough understanding of manufacturing processes. You'll also cover robotic arc welding, electrical safety, material properties and welding codes. This degree program equips you with skills you need for a successful career in industrial welding.

**Career Opportunities**

Custom Fabricator	Foreman
Industrial Welding Technician	Robot Technician
Supervisor	Welder
Welder/Fabricator	

**Technical Studies (48 Credits)**

	Credits
10-621-105 Welding/Metal Fab Intro & Safety	1
10-621-108 Weld Print Reading	1
10-621-114 Weld Symbols	1
10-621-123 GMAW Techniques 1	2
10-621-124 GMAW Techniques 2	2
10-621-125 FCAW Techniques	2
10-621-126 GTAW Techniques	2
10-621-127 Robotic Arc Welding, Basic	2
10-457-131 Manufacturing Enterprises for Fabrication	3
10-457-160 Manufacturing Processes	2
10-457-161 Cutting Processes	2
10-621-121 SMAW Techniques 1	2
10-621-128 Pipe Welding Techniques	2
10-621-129 2D/3D CAD Modeling for Welders	2
10-457-162 Pattern Drafting Processes	2
10-621-115 Welding Processes, Design & Costs	2
10-621-116 Welding Metallurgy	3
10-621-117 Weldability of Materials	3
10-457-141 Advanced Manufacturing Processes	2
10-621-113 Robotic Arc Welding, Advanced	2
10-621-134 Welding NDE, Codes & Testing	3
10-621-140 Advanced Welding Processes	2
10-621-150 Electrical Theory & Maintenance for Welders	3

**General Studies (21 Credits)**

10-801-195 Written Communication	3
10-804-107 College Mathematics	3
10-801-196 Oral/Interpersonal Comm	3
10-806-139 Survey of Physics	3
10-809-197 Contemporary Amer Society	3
10-801-197 Technical Reporting	3
10-809-199 Psychology of Human Relations	3

**Welding, Production**

30-442-1

Technical Diploma\* • 13 Credits • Not Financial Aid Eligible  
Appleton, Oshkosh

Production welders are in high demand. You'll find employment opportunities in iron work, construction and manufacturing, and could find yourself working on large amphibious vehicles and fire trucks, or small metal products like lawn mowers and snow throwers. Your training will cover welding various metals and will give you plenty of time to practice your skills. You will learn to read sketches, blueprints, job shop orders, bills for materials and welding symbols.

**Career Opportunities**

Aluminum Welder	Production Welder
Robotic Welding Operator	Welder/Fabricator

**Occupational Specific (13 Credits)**

	Credits
10-621-105 Welding/Metal Fab Intro & Safety	1
10-621-108 Weld Print Reading	1
10-621-114 Weld Symbols	1
10-621-123 GMAW Techniques 1	2
10-621-124 GMAW Techniques 2	2
10-621-125 FCAW Techniques	2
10-621-126 GTAW Techniques	2
10-621-127 Robotic Arc Welding, Basic	2

\*View Gainful Employment at [www.fvtc.edu/GainfulEmployment](http://www.fvtc.edu/GainfulEmployment)



## Welding/Metal Fab Technician

32-621-1

Technical Diploma • 54 Credits • Financial Aid Eligible • Appleton, Oshkosh

As a welding and metal fabrication technician, you will be well-prepared to be the next generation of in-demand, highly skilled technicians. In this program, you'll work with a variety of metals and will learn to produce and assemble structural metal products for industrial manufacturing. You will learn how to plan, develop and implement a production cycle from concept and CAD design through all the fabrication stages such as press brake, tube bending, laser and water jet, and final welding stages. Your training will encompass a thorough understanding of typical manufacturing processes. You'll also cover robotic arc welding, electrical safety, material properties and welding codes.

### Career Opportunities

Welder	Pipe Welder
Fabricators	Metal Worker
Sheet Metal Fabricator	Cutter
Solderer	Brazer
Press Machine Setter	Brazing Machine Setter

### Occupational Specific (48 Credits)

	Credits
10-621-105 Welding/Metal Fab Intro & Safety	1
10-621-108 Weld Print Reading	1
10-621-114 Weld Symbols	1
10-621-123 GMAW Techniques 1	2
10-621-124 GMAW Techniques 2	2
10-621-125 FCAW Techniques	2
10-621-126 GTAW Techniques	2
10-621-127 Robotic Arc Welding, Basic	2
10-457-131 Manufacturing Enterprises for Fabrication	3
10-457-160 Manufacturing Processes	2
10-457-161 Cutting Processes	2
10-621-121 SMAW Techniques 1	2
10-621-128 Pipe Welding Techniques	2
10-621-129 2D/3D CAD Modeling for Welders	2
10-457-162 Pattern Drafting Processes	2
10-621-115 Welding Processes, Design & Costs	2
10-621-116 Welding Metallurgy	3
10-621-117 Weldability of Materials	3
10-457-141 Advanced Manufacturing Processes	2
10-621-113 Robotic Arc Welding, Advanced	2
10-621-134 Welding NDE, Codes & Testing	3
10-621-140 Advanced Welding Processes	2
10-621-150 Electrical Theory & Maintenance for Welders	3

### Occupational Supportive (6 Credits)

10-804-107 College Mathematics	3
10-806-139 Survey of Physics	3

## Welding/Metal Fabrication

31-457-1

Technical Diploma\* • 29 Credits • Financial Aid Eligible

Appleton, Oshkosh

Learn the skills you need for a great career in metal fabrication and welding. With this program, you'll work with a variety of metals and will learn to produce and assemble structural metal products for machinery, ovens, tanks, pipes, stacks and parts for buildings. You'll also learn the physical properties of metals and how to read job orders and blueprints. Your training covers how to set up and use equipment to cut, shear and saw, form, roll and bend metals. You will learn about the physical properties of metal and be able to figure the stock allowances for thickness. You'll be ready for a career in a construction firm, equipment manufacturing company or small fabrication shop.

### Career Opportunities

Fabricator	Laser Operator
Millwright	Press Brake Operator
Welder	

### Occupational Specific (26 Credits)

	Credits
10-621-105 Welding/Metal Fab Intro & Safety	1
10-621-108 Weld Print Reading	1
10-621-114 Weld Symbols	1
10-621-123 GMAW Techniques 1	2
10-621-124 GMAW Techniques 2	2
10-621-125 FCAW Techniques	2
10-621-126 GTAW Techniques	2
10-621-127 Robotic Arc Welding, Basic	2
10-457-131 Manufacturing Enterprises for Fabrication	3
10-457-160 Manufacturing Processes	2
10-457-161 Cutting Processes	2
10-621-121 SMAW Techniques 1	2
10-621-128 Pipe Welding Techniques	2
10-621-129 2D/3D CAD Modeling for Welders	2

### Occupational Supportive (3 Credits)

10-804-107 College Mathematics	3
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Want to continue your education beyond an associate degree?

See page 17 for more information.

\*View Gainful Employment at [www.fvtc.edu/GainfulEmployment](http://www.fvtc.edu/GainfulEmployment)

# WOOD MANUFACTURING

## Wood Manufacturing Technology 31-409-3 Technical Diploma\* • 37 Credits • Financial Aid Eligible • Oshkosh

New technologies and strong demand for quality wood products have resulted in many employment opportunities in this industry. You will prepare for work in cabinet and furniture making, as well as architectural millwork (windows, doors, mouldings and architectural components). Develop your skills with hand and portable power tools, along with stationary woodworking machinery, including computer numeric control (CNC) equipment. Your training also includes blueprint reading, estimating, AutoCAD and tool maintenance. An emphasis on teamwork, individual initiative and workplace skills will have you job-ready. Blended learning includes a combination of online and lab classes.

### Career Opportunities

Aircraft/Yacht Interior Fabricator  
Cabinet Maker  
Furniture Maker  
Architectural Millworker  
Molder Operator  
Woodworker

Assistant Project Manager  
Custom Cabinet Builder  
Millwork Fabricator  
CNC Router Operator  
Knife Grinder

### Occupational Specific (33 Credits)

31-409-317	Layout and Sawing Operations	2
31-409-319	Milling Operations	2
31-409-321	Shaping and Molding	3
31-409-301	Drafting for the Woodworking Industry	2
31-409-302	Material Properties and Applications	2
31-409-303	Sanding and Panel Processing	2
31-409-324	Frameless Cabinetry	3
31-409-326	Veneering, Finishing & Joinery Methods	3
31-409-330	Blueprint Reading for Woodworking Industry	2
31-409-331	CNC Router Operation	3
31-409-332	Traditional Cabinetry	2
31-409-327	Furniture Exploration 1	3
31-409-328	Furniture Exploration 2	3
31-409-352	Tool Design and Maintenance	1

### Occupational Supportive (4 Credits)

31-804-307	Math for the Trades	2
31-890-307	Workplace Reality	2



# Marketing, Sales & Service

## INTERIOR DESIGN

### Interior Design

10-304-1

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton

Surroundings have an enormous influence on people's lives. Put your creativity to work in this exciting career field as an interior designer. You will learn how to plan the arrangement of interior space and coordinate the selection and sales of furniture, draperies and other fabrics, floor coverings and interior accessories. You will also learn the skills you need to accurately bid project proposals. You'll learn both residential and commercial design. Through elective courses you can explore options such as kitchen and bath planning, window treatments, wall finishes or flooring. Internships will help you gain the practice and confidence to create design projects for clients.

#### Career Opportunities

Flooring/Window Treatment/Wall Covering Consultant  
Furniture Sales & Space Planner Interior Designer  
Retail/Design Consultant Visual Merchandiser

#### Technical Studies (39 Credits)

	Credits
10-304-110 Fundamentals of Design	3
10-304-125 Basic Interior Design	3
10-304-127 Color Theory	3
10-304-167 Drafting Skills for Interiors	3
10-304-128 Commercial CAD	2
10-304-129 Textiles	3
10-304-144 History of Furniture	3
10-304-150 Computer Basics for Design	1
10-304-154 Construction Applications - Mechanical & Lighting	3
10-304-166 Presentation Techniques	3
10-304-134 Advanced Interior Design	2
10-304-135 Business Principles for Interior Design	1
10-304-174 Introduction to Commercial Design	3
10-304-143 Design Applications	3
10-304-171 Internship 1 Interior Design	3

#### General Studies (18 Credits)

10-801-195 Written Communication	3
10-801-196 Oral/Interpersonal Comm	3
10-804-123 Math w Business Apps	3
10-809-166 Intro to Ethics: Theory & App	3
10-809-195 Economics	3
10-809-199 Psychology of Human Relations	3

#### Suggested Electives (3 Credits)

10-304-107 Interior Design Study Tour	1
10-304-126 Reupholstery	2
10-304-152 Flooring	1
10-304-161 Advanced CAD	2
10-304-173 Interior Display	2

### Interior Design - Kitchen & Bath Design 10-304-3

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton

Future trends show a need for designers in the kitchen and bath industry. To prepare for this career field, you need creativity, technical skills and business knowledge. Kitchen and bath designers specify cabinetry, fixtures, lighting and mechanicals using hand drawing and computer design software. You will learn how to calculate materials needed, price quotes and negotiate sales. Your training will prepare you with the knowledge and skills you need for drawing and computer design, along with an understanding of construction and mechanicals. You'll also learn how to do accurate estimating and give professional presentations. Graduates are eligible to test for the Associate Kitchen and Bath Designer certification.

#### Career Opportunities

Design Consultant Estimator  
Interior Designer Kitchen & Bath Designer  
Sales Associate

#### Technical Studies (40 Credits)

	Credits
10-304-110 Fundamentals of Design	3
10-304-125 Basic Interior Design	3
10-304-127 Color Theory	3
10-304-154 Construction Applications - Mechanical & Lighting	3
10-304-167 Drafting Skills for Interiors	3
10-304-144 History of Furniture	3
10-304-153 Basic Kitchen and Bath	3
10-304-157 Materials & Estimating	3
10-304-166 Presentation Techniques	3
10-304-155 Business Procedures for Designers	3
10-304-156 Advanced Kitchen & Bath Design	3
10-304-138 Internship 1 Kitchen & Bath	4
10-304-143 Design Applications	3

#### General Studies (18 Credits)

10-801-195 Written Communication	3
10-801-196 Oral/Interpersonal Comm	3
10-804-123 Math w Business Apps	3
10-809-166 Intro to Ethics: Theory & App	3
10-809-195 Economics	3
10-809-199 Psychology of Human Relations	3

#### Suggested Electives (2 Credits)

10-304-107 Interior Design Study Tour	1
10-304-126 Reupholstery	2
10-304-150 Computer Basics for Design	1
10-304-152 Flooring	1
10-304-161 Advanced CAD	2
10-304-173 Interior Display	2

# MARKETING

## Digital Marketing **NEW**

Technical Diploma\* • 26 Credits • Financial Aid Pending  
Appleton, Online, Oshkosh

31-104-5

Harness the power of electronic marketing with the Digital Marketing technical diploma. By learning the principles of digital marketing, you'll be able to effectively communicate marketing messages using targeted campaigns and tactics. You'll use marketing technology tools to learn how to engage informed target audiences, while delivering business results. Upon graduation, you'll be able to pursue employment in digital marketing at business to consumer (B2C) and business to business (B2B) organizations. Financial aid approval is pending for this program.

### Career Opportunities

Social Media Specialist      Marketing Analyst  
SEO Analyst                      Email Specialist  
E-commerce Coordinator

Occupational Specific (20 Credits)		Credits
10-104-100	Digital Marketing	3
10-104-151	Marketing 1, Principles of	3
10-103-109	Technology Tools for Marketing	2
10-104-101	Marketing Analytics	3
10-104-103	Integrated Marketing Communications	3
10-104-108	Social Media Marketing Strategy	3
10-699-105	Writing Content for the Web	3
Occupational Supportive (6 Credits)		
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3

## Marketing

10-104-3

Associate Degree • 65 Credits • Financial Aid Eligible  
Appleton, Online, Oshkosh

Marketing is an exciting and dynamic part of business that provides you with opportunities in a wide variety of career choices. You may find employment with a manufacturer, wholesaler, hospitality or non-profit firm, or choose to work with new business development and start-ups. Or you may work in retail management, advertising, industrial sales and service, research or purchasing. Through this degree program, you'll learn the principles of marketing, sales, retailing, advertising and market research. You'll also learn to develop and execute marketing plans, participate in teams, utilize information technology and develop leadership skills. To give you a broad understanding of business, your training will include courses such as accounting, math, law, economics, data processing and communications. You'll have many career options with this degree.

### Career Opportunities

Account Manager                      Digital Marketing Specialist  
Customer Service Representative      Marketing Specialist  
Social Media Specialist                  Sales/Marketing Representative

Technical Studies (41 Credits)		Credits
10-102-112	Business, Introduction to	3
10-104-151	Marketing 1, Principles of	3
10-104-166	Intro to Sales	3
10-103-109	Technology Tools for Marketing	2
10-104-100	Digital Marketing	3
10-104-101	Marketing Analytics	3
10-104-103	Integrated Marketing Communications	3
10-104-108	Social Media Marketing Strategy	3
10-699-105	Writing Content for the Web	3
10-101-107	Accounting, Principles of	3
10-102-103	Business Law 1	3
10-104-104	Marketing Plan Development	3
10-104-105	Marketing Internship	3
10-104-124	Advanced Sales	3
General Studies (21 Credits)		
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-123	Math w Business Apps	3
10-809-196	Intro to Sociology	3
10-809-198	Intro to Psychology	3
10-809-166	Intro to Ethics: Theory & App	3
10-809-195	Economics	3
Suggested Electives (3 Credits)		
10-104-110	DECA Leadership	1
10-145-104	Entrepreneurship, Introduction to	3
10-103-120	MS Office Suite, Introduction	2

\*View Gainful Employment at [www.fvtc.edu/GainfulEmployment](http://www.fvtc.edu/GainfulEmployment)



# Public Safety

## EMERGENCY MEDICAL SERVICES (EMS)

### Emergency Medical Technician 30-531-3

Technical Diploma • 5 Credits • Not Financial Aid Eligible • Appleton

Knowing you can make a positive difference in the life of a patient is at the core of this rewarding career. As a member of the emergency medical services team, you will learn how to evaluate the nature and extent of various illnesses and injuries, and administer prescribed medical treatment at the site and during transport. You'll learn the knowledge and skills to respond to and treat cardiac arrest and critical medical and trauma situations. After successful completion, you will qualify for the National Registry of Emergency Medical Technicians-Basic certification examinations and will be eligible for Wisconsin licensure.

#### Career Opportunities

Emergency Medical Technician (EMT) Industrial Emergency Medical Technician  
Emergency Room Technician

#### Occupational Specific (5 Credits) Credits

10-531-169 Emergency Medical Technician - Basic 5

### Emergency Medical Technician – Paramedic 31-531-1

Technical Diploma\* • 38 Credits • Financial Aid Eligible • Appleton

This diploma program equips you for advanced life-saving service to your community. Paramedics provide efficient, emergency pre-hospital care and continue care during transport. You'll learn to assess the patient, provide advanced airway management and deal with a variety of medical emergencies. You'll also learn to administer nebulizer treatment and life-saving drugs, and provide care for trauma patients, including infants and children. Your training will also cover legal and ethical issues, effective communications and medical terminology. Lab practice, scenario-based exercises and supervised experiences with actual patients will help you prepare for the National Registry certification examinations.

#### Career Opportunities

Emergency Medical Technician (EMT) Paramedic  
Industrial Emergency Medical Technician Emergency Room Technician

Occupational Specific (38 Credits)		Credits
10-531-911	EMS Fundamentals	2
10-531-912	Paramedic Medical Principles	4
10-531-913	Advanced Patient Assessment Principles	3
10-531-914	Advanced Pre-Hospital Pharmacology	3
10-531-915	Paramedic Respiratory Management	2
10-531-916	Paramedic Cardiology	4
10-531-917	Paramedic Clinical/Field 1	3
10-531-918	Advanced Emergency Resuscitation	1
10-531-919	Paramedic Medical Emergencies	4
10-531-920	Paramedic Trauma	3
10-531-921	Special Patient Populations	3
10-531-922	EMS Operations	1
10-531-923	Paramedic Capstone	1
10-531-924	Paramedic Clinical/Field 2	4



Get your associate degree  
and transfer to a  
four-year college  
or university.

See page 17 for  
more information.

## FIRE PROTECTION

### Fire Protection Technician

10-503-2

Associate Degree • 63 Credits • Financial Aid Eligible • Appleton

Firefighters provide a special service to the community, protecting people and their property with fire prevention and protection efforts. To prepare for this career field, you'll learn the principles of fire behavior, management, prevention and protection systems, as well as other emergency services. Your training will include knowledge of building construction and the use of water in fire protection. You'll also learn about hazardous materials, rope, confined space and trench rescue, as well as EMT-Basic certification training. Through realistic classroom simulation and hands-on experience, you will master the knowledge and techniques to save lives and property in our FESHE aligned program. With this training, you'll be ready for numerous Wisconsin firefighter certifications. Get started on this exciting, rewarding career.

#### Career Opportunities

Firefighter	Firefighter/EMT
Fire Inspector	Special Hazards Field Technician
Test & Inspect Technician	

#### Technical Studies (44 Credits)

	Credits
10-503-135 Firefighter Fitness	1
10-503-142 Fire Fighting Principles	4
10-503-153 Hazardous Materials Awareness and Operations Level 1	1
10-503-154 Hazardous Materials Chemistry	2
10-531-169 Emergency Medical Technician - Basic	5
10-503-191 Principles of Emergency Services	2
10-503-130 Fire Protection Internship	2
10-503-143 Building Construction	3
10-503-151 Fire Prevention	4
10-503-192 Principles of Emergency Services Safety and Survival	3
10-503-136 Certified Driver/Operator-Pumper	1
10-503-193 Fire Protection Systems	3
10-503-194 Fire Protection Hydraulics	3
10-503-156 Strategies, Tactics, and Incident Management Systems	4
10-503-157 Fire Investigation	3
10-503-195 Fire Behavior and Combustion	3

#### General Studies (19 Credits)

10-804-107 College Mathematics	3
10-809-198 Intro to Psychology	3
10-801-136 English Composition 1	3
10-801-196 Oral/Interpersonal Comm	3
10-806-134 General Chemistry	4
10-809-196 Intro to Sociology	3

## LAW ENFORCEMENT

### Criminal Justice

10-504-5

Associate Degree • 63 Credits • Financial Aid Eligible • Appleton, Online

Join the ranks of those who protect and serve with a rewarding career in criminal justice. You'll gain an overview of the role of the criminal justice system in our society and will become familiar with law enforcement, corrections, criminal procedures, traffic law, juvenile law and constitutional law. In addition, you'll gain skills in communication, crime prevention, report writing and forensic science applications. This program will prepare you to think critically and manage emergencies effectively in a host of criminal justice related fields.

#### Career Opportunities

Command Center Technician	Corrections Officer
Deputy Sheriff	DNR Warden
Police Officer	Public Safety Dispatcher

#### Technical Studies (39 Credits)

	Credits
10-504-201 Introduction to Corrections	3
10-504-202 Criminal Justice Ethics	1
10-504-204 Criminal Justice System	3
10-504-203 Crime Prevention Principles	3
10-504-207 Communicating Professionally	3
10-504-208 Criminal Procedures	3
10-504-110 Introduction to Forensic Science	3
10-504-205 Writing Reports	3
10-504-209 Juvenile Procedures	3
10-504-210 Police Community Relations	3
10-504-206 Employment Strategies	3
10-504-106 Principles of Emergency Management	3
10-504-200 Criminal Justice Issues Capstone	2
10-504-211 Constitutional Principles	3

#### General Studies (21 Credits)

10-801-196 Oral/Interpersonal Comm	3
10-804-107 College Mathematics	3
10-809-103 Think Critically & Creatively	3
10-801-136 English Composition 1	3
10-809-196 Intro to Sociology	3
10-809-198 Intro to Psychology	3
10-809-159 Abnormal Psychology	3

#### Suggested Electives (3 Credits)

10-531-105 First Aid/CPR for Child Care Providers	1
10-504-132 Principles of Retail Security	3
10-504-178 CCI: Investigating Internet Crime	2
10-504-131 Basic Crime Scene Photography	3
10-141-115 Spanish 1 Law Enforcement	3

\*View Gainful Employment at [www.fvtc.edu/GainfulEmployment](http://www.fvtc.edu/GainfulEmployment)

**Criminal Justice -****Law Enforcement 720 Academy**

30-504-2

Technical Diploma\* • 22 Credits • Not Financial Aid Eligible • Appleton

This program is specifically designed for those with a minimum of 60 accredited college-level credits who seek to meet Wisconsin certification requirements as a law enforcement officer. In this role, you'll be responsible for the preservation of law and order in your community. You'll learn numerous skills related to the profession of law enforcement. Your training will also include crime prevention, crime investigation, vehicle patrols and assisting the public. This program includes in-class fitness training and other physical education such as defensive tactics and fire arms training. You'll have plenty of opportunities to practice your skills with hands-on training and scenario-based field simulations.

**Career Opportunities**

Corrections Officer      Deputy Sheriff  
DNR Warden              Police Officer

**Occupational Specific (22 Credits)**

	Credits
10-504-182 Scenario Assessment	1
30-504-700 Physical Fitness	1
30-504-701 Overview of Criminal Justice	1
30-504-702 Overview of Patrol Response	2
30-504-703 Overview of Tactics	1
30-504-704 Overview of Investigations	2
30-504-705 Principles of Patrol Response	2
30-504-706 Principles of Tactics	3
30-504-707 Principles of Emergency Vehicle Response	2
30-504-708 Principles of Investigations	2
30-504-709 Application of Traffic Response	2
30-504-710 Application of Investigations	2
30-531-331 Law Enforcement Emergency Response	1

**Forensic Science**

10-504-4

Associate Degree • 65 Credits • Financial Aid Eligible • Appleton, Online

Forensic science is a fascinating field where law enforcement meets scientific investigation. Your training will introduce you to crime scene management, criminal law and constitutional law. You will learn how to identify, document, collect, preserve and analyze physical evidence. Gain experience with biological evidence such as DNA, as well as fingerprints and footwear impressions, trace evidence, tool marks and more. You'll also develop skills for crash scene investigation, and property and evidence management. Then you can enhance your credentials with a concentration in either physical evidence or digital evidence. An internship gives you hands-on, real-world experience to help you prepare for entry-level positions in the forensic science field.

**Career Opportunities**

Crime Scene Technician/Specialist      Evidence & Property Specialist  
Evidence Custodian                      Forensic Technician  
Identification Lab Technician          Insurance Investigator  
Police Officer

**Technical Studies (39 Credits)**

	Credits
10-504-110 Introduction to Forensic Science	3
10-806-120 Laboratory Methods for Forensic Science	1
10-504-131 Basic Crime Scene Photography	3
10-504-146 Impression Evidence	3
10-504-168 Property/Evidence Management	2
10-504-208 Criminal Procedures	3
10-504-122 Biological & Trace Evidence	3
10-504-159 Crash Scene Investigation	3
10-504-205 Writing Reports	3
10-504-180 Forensic Science Capstone	3
10-504-211 Constitutional Principles	3
<i>Select a total of 9 credits from these options:</i>	
10-504-193 Introduction to Digital Video Evidence	3
10-504-194 Forensic Anthropology, Intro to	3
10-504-196 Quality Assurance, Evidence	3
10-504-179 CCI: Basic Data Recovery	2
10-504-178 CCI: Investigating Internet Crime	2
10-504-176 CCI: Computer Crime Investigation	2
10-504-124 Interview & Interrogation	3
10-504-195 Forensic Entomology, Intro to	3
10-504-169 Forensic Science Internship	1

**General Studies (26 Credits)**

10-801-136 English Composition 1	3
10-804-113 College Technical Math 1A	3
10-806-114 General Biology	4
10-809-103 Think Critically & Creatively	3
10-804-189 Introductory Statistics	3
10-806-143 College Physics 1	3
10-806-134 General Chemistry	4
10-809-198 Intro to Psychology	3

\*View Gainful Employment at [www.fvtc.edu/GainfulEmployment](http://www.fvtc.edu/GainfulEmployment)

"FVTC does an excellent job in preparing its Criminal Justice grads with abilities to enforce the law in a changing world."

Sheriff,  
Waushara County

## Security & Asset Protection

10-504-3

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton, Online

The need for skilled security and asset protection personnel, as well as entry-level law enforcement officers, is growing. This degree program will give you a diverse background in asset protection technology, risk management, security law, security alarm and video installation procedures and equipment, private investigations, and an introduction to the criminal justice system. You'll also learn how to conduct a security survey and address security concerns affecting businesses, manufacturers and residential buildings. With this degree, you'll be ready for an entry-level position in numerous important and valued career fields.

### Career Opportunities

Security Consultant	Asset Protection Specialist
Private Investigator	Risk Manager
Security Systems Installer	
Police Officer (Completion of Recruit Academy Required)	

### Technical Studies (36 Credits)

	Credits
10-504-204 Criminal Justice System	3
10-504-142 Private Investigations, Introduction to	3
10-504-203 Crime Prevention Principles	3
10-504-207 Communicating Professionally	3
10-504-145 Basic Security Alarm Installation	3
10-504-106 Principles of Emergency Management	3
10-504-109 Electronic Security Applications	3
10-504-147 Industrial Security	3
10-504-206 Employment Strategies	3
10-504-183 Advanced Security Alarm Installation	3
10-102-112 Business, Introduction to	3
10-504-123 Security Law	3

### General Studies (21 Credits)

10-801-136 English Composition I	3
10-801-196 Oral/Interpersonal Comm	3
10-804-107 College Mathematics	3
10-809-103 Think Critically & Creatively	3
10-809-199 Psychology of Human Relations	3
10-809-159 Abnormal Psychology	3
10-809-196 Intro to Sociology	3

### Suggested Electives (3 Credits)

10-504-190 Community Crime Prevention	1
10-504-143 CPTED Applications	2
10-504-108 Physical Security Applications	3
10-196-191 Supervision	3





# Transportation

## AUTOMOTIVE

### Auto Collision Repair & Refinishing Technician

32-405-1

Technical Diploma\* • 54 Credits • Financial Aid Eligible • Appleton

With this program, you will be ready for employment in a body shop, auto dealer shop, paint company or insurance company, among others. You will learn how to repair dents in vehicle bodies and will repair plastic parts on vehicles. Your training includes the replacement of bolted-on parts such as doors, fenders and trunk lids. You will also learn about the structural repair of conventional frames and weld-on panels such as quarter panels and roofs. This program also covers vehicle paint preparation and paint techniques for spot repair and complete vehicle refinishing.

#### Career Opportunities

Auto Body Technician	Automotive Technician
Body Shop Owner	Finishing Technician
Painter	Painter/Body Technician

#### Occupational Specific (48 Credits)

	Credits
10-405-147 Intro, Transportation welding	1
10-405-181 Intro to Automotive Refinishing	2
10-405-182 Collision Repair Non Struct 1	2
10-405-183 Collision Repair Non Struct 2	2
10-405-184 Collision Repair Non Struct 3	2
10-405-185 Collision Repair Non Struct 4	2
10-405-143 Introduction to Collision Repair Welding	1
10-405-119 Industry Trends Vehicle Repair	1
10-405-146 Collision Repair Welding 2	2
10-405-187 Collision Refinishing Surface Preparation	2
10-405-188 Refinish and Topcoat Application	3
10-405-189 Refinishing, Tinting, & Blending	2
10-405-190 Collision Refinishing-Advanced	3
10-405-195 Collision Repair Customer Relations	1
10-405-120 Collision Repair Mech - HVAC	2
10-405-128 Collision Repair Electric Sys-SRS	1
10-405-130 Collision Electrical & Electronic Systems 1	2
10-405-180 Intro to Collision Repair	2
10-405-186 Plastics and Composites	1
10-405-191 Collision Repair Structural 1	3
10-405-194 Collision Repair Estimating	1
10-405-122 Collision-Drive Systems	2
10-405-129 Collision Steering & Suspension Systems	3
10-405-192 Collision Repair Structural 2	3
10-405-193 Collision Repair Structural 3	2

#### Occupational Supportive (6 Credits)

10-809-172 Introduction to Diversity Studies	3
10-801-196 Oral/Interpersonal Comm	3

### Automotive Maintenance Technician

31-404-3

Technical Diploma\* • 26 Credits • Financial Aid Eligible • Appleton

Learn the skills you need to work in a variety of automotive repair shops doing preventive maintenance and general repairs. You will develop the skills to diagnose, service and repair vehicles. You'll learn how to service basic electrical systems, brakes, climate control systems, steering and suspension. Your training will also cover engine testing, transmissions and welding. In addition, you'll learn about professionalism, shop safety and good communication skills.

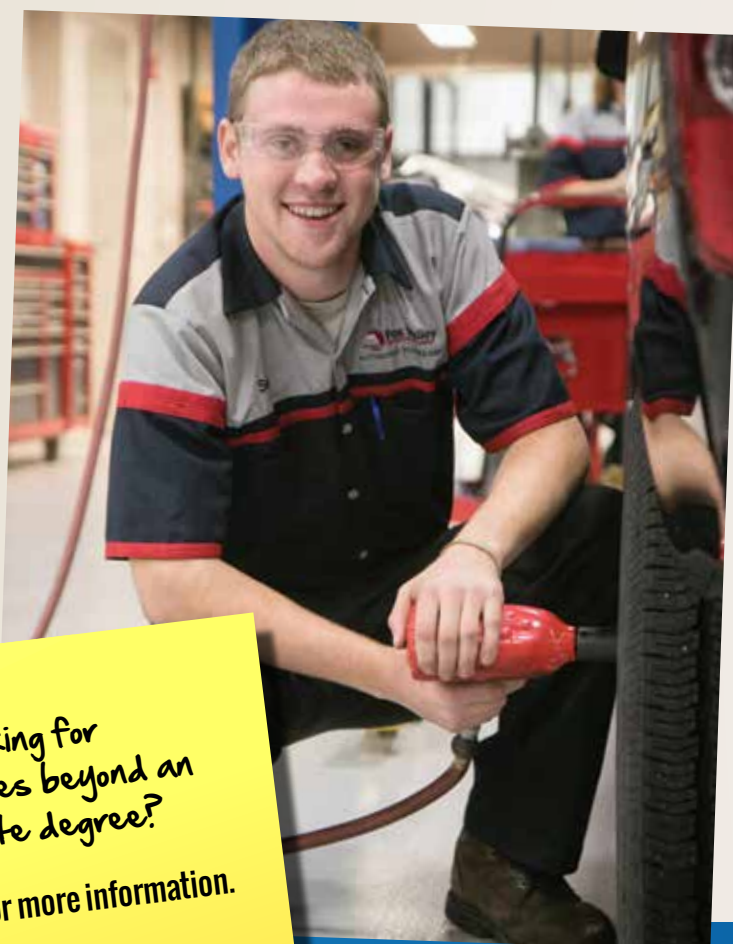
#### Career Opportunities

Automotive Maintenance Technician	Automotive Warehouse Distributor
Automotive Wholesaler	Customer Service & Sales Representative

#### Occupational Specific (26 Credits)

	Credits
10-405-147 Intro, Transportation Welding	1
10-602-100 Automotive Maintenance and Light Repair 1	4
10-602-101 Automotive Maintenance and Light Repair 2	4
10-602-102 Automotive Maintenance and Light Repair 3	4
10-602-105 Automotive Maintenance and Light Repair 4	4
10-602-111 Advanced Electrical Automotive	4
10-602-114 Automotive Heating, Ventilation, and Air Conditioning	4
10-806-173 Applied Science for Transportation	1

\*View Gainful Employment at [www.fvtc.edu/GainfulEmployment](http://www.fvtc.edu/GainfulEmployment)



Looking for  
opportunities beyond an  
associate degree?  
See page 17 for more information.

**Automotive Technician**

32-404-2

Technical Diploma\* • 56 Credits • Financial Aid Eligible • Appleton

Automotive repair work will be your specialty in this career field, where you'll find employment in a professional service garage or dealership. Your hands-on training will give you a good working knowledge of all the systems used in late model cars. You'll learn how to accurately diagnose issues and identify the necessary repairs. In addition to engine testing and rebuilding, your training will cover fuel injection systems, on-board diagnostics, climate control systems, electrical systems, brakes, transmissions, steering and suspension systems and more.

**Career Opportunities**

Automotive Technician	Maintenance Technician
Master Technician	Owner
Service Manager	

**Occupational Specific (50 Credits)**

	Credits
10-405-147 Intro, Transportation Welding	1
10-602-100 Automotive Maintenance and Light Repair 1	4
10-602-101 Automotive Maintenance and Light Repair 2	4
10-602-102 Automotive Maintenance and Light Repair 3	4
10-602-105 Automotive Maintenance and Light Repair 4	4
10-602-111 Advanced Electrical Automotive	4
10-602-114 Automotive Heating, Ventilation, and Air Conditioning	4
10-806-173 Applied Science for Transportation	1
10-602-118 Engine Mechanical	4
10-602-126 Powertrain Management 1	4
10-602-129 Powertrain Management 2	4
10-602-113 Alternative Fuels	4
10-602-117 Automatic Transaxles and Transmissions	4
10-602-121 Manual Transmissions	4

**Occupational Supportive (6 Credits)**

10-801-196 Oral/Interpersonal Comm	3
10-809-199 Psychology of Human Relations	3

**Automotive Technician - Imports**

32-602-1

Technical Diploma\* • 56 Credits • Financial Aid Eligible • Appleton

There is a continuing need for skilled automotive technicians, and this program gives you the skills for today's high tech imports. You'll learn how to use the special tools needed for the repair of import vehicles. You will also study electrical and electronic systems, brakes and traction control systems, engine performance, engine repair, transmissions, air conditioning systems, steering and suspension systems, and hybrid vehicles. Your hands-on training will prepare you for Master Technician status, which is required by many dealerships. You'll be job-ready with this program.

**Career Opportunities**

Import Technician	Parts Specialist
Service Manager	Service Writer

**Occupational Specific (50 Credits)**

	Credits
10-405-147 Intro, Transportation Welding	1
10-602-100 Automotive Maintenance and Light Repair 1	4
10-602-101 Automotive Maintenance and Light Repair 2	4
10-602-102 Automotive Maintenance and Light Repair 3	4
10-602-105 Automotive Maintenance and Light Repair 4	4
10-602-111 Advanced Electrical Automotive	4
10-602-114 Automotive Heating, Ventilation, and Air Conditioning	4
10-806-173 Applied Science for Transportation	1
10-602-132 Import Engine Management 1	4
10-602-133 Import Engine Management 2	4
10-602-136 Import Engine Mechanical	4
10-602-130 Import Alternative Fuels	4
10-602-131 Import Automatic Transaxles	4
10-602-138 Import Manual Transmissions	4

**Occupational Supportive (6 Credits)**

10-801-196 Oral/Interpersonal Comm	3
10-809-199 Psychology of Human Relations	3

**"FVTC-trained technicians immediately start their careers on a successful path with our company. They help create an exceptional experience for our guests."**

President and COO,  
Bergstrom Automotive

**Automotive Technology**

10-602-3

Associate Degree • 65 Credits • Financial Aid Eligible • Appleton

This program will give you the skills necessary for the typical automotive service department, along with a broad knowledge base and well-rounded education to advance in your career. You'll get an overview of the auto service industry, as well as learning how to diagnose, service and repair the wide range of engine and auto components. In addition to engine repair and rebuilding, your training will cover electrical systems, brakes, transmissions, fuel injection systems, on-board diagnostics, climate control systems, steering and suspension systems and more. Elective courses allow you to pursue a specialty or gain experience through an internship at a local automotive shop. You'll be well equipped for the career you desire.

**Career Opportunities**

Automotive Specialist      Automotive Technician  
Automotive Warehouse Distributor      Customer Service & Sales Representative

**Technical Studies (50 Credits)**

		Credits
10-405-147	Intro, Transportation Welding	1
10-602-100	Automotive Maintenance and Light Repair 1	4
10-602-101	Automotive Maintenance and Light Repair 2	4
10-602-102	Automotive Maintenance and Light Repair 3	4
10-602-105	Automotive Maintenance and Light Repair 4	4
10-602-111	Advanced Electrical Automotive	4
10-602-114	Automotive Heating, Ventilation, & Air Conditioning	4
10-806-173	Applied Science for Transportation	1
10-602-118	Engine Mechanical	4
10-602-126	Powertrain Management 1	4
10-602-129	Powertrain Management 2	4
10-602-113	Alternative Fuels	4
10-602-117	Automatic Transaxles and Transmissions	4
10-602-121	Manual Transmissions	4

**General Studies (15 Credits)**

10-804-113	College Technical Math 1A	3
10-801-196	Oral/Interpersonal Comm	3
10-809-195	Economics	3
10-801-195	Written Communication	3
10-809-199	Psychology of Human Relations	3

**Automotive Technology - Imports**

10-602-4

Associate Degree • 65 Credits • Financial Aid Eligible • Appleton

The high demand for skilled import automotive technicians will put you in the driver's seat in this career field. Your hands-on training includes electrical and electronic systems, brakes and traction control systems, engine performance, engine repair, transmissions, air conditioning systems, steering and suspension systems, and hybrid vehicles. You'll learn about all eight areas of Automotive Service Excellence, along with hybrid vehicles. Courses in math, communications and social science will give you a well-rounded education to help advance your career. You will be prepared to become a Certified Master Technician, which is required by many dealerships. You'll be job-ready with this program.

**Career Opportunities**

Certified Master Technician      Import Technician  
Parts Specialist      Service Manager  
Service Writer

**Technical Studies (50 Credits)**

		Credits
10-405-147	Intro, Transportation Welding	1
10-602-100	Automotive Maintenance and Light Repair 1	4
10-602-101	Automotive Maintenance and Light Repair 2	4
10-602-102	Automotive Maintenance and Light Repair 3	4
10-602-105	Automotive Maintenance and Light Repair 4	4
10-602-111	Advanced Electrical Automotive	4
10-602-114	Automotive Heating, Ventilation, & Air Conditioning	4
10-806-173	Applied Science for Transportation	1
10-602-132	Import Engine Management 1	4
10-602-133	Import Engine Management 2	4
10-602-136	Import Engine Mechanical	4
10-602-130	Import Alternative Fuels	4
10-602-131	Import Automatic Transaxles	4
10-602-138	Import Manual Transmissions	4

**General Studies (15 Credits)**

10-804-113	College Technical Math 1A	3
10-801-196	Oral/Interpersonal Comm	3
10-809-195	Economics	3
10-801-195	Written Communication	3
10-809-199	Psychology of Human Relations	3

**Automotive Technology - GM ASEP**

10-602-5

Associate Degree • 62 Credits • Financial Aid Eligible • Appleton

If your career goal is to become a GM certified automotive technician, then this is the program for you. This General Motors Automotive Service Educational Program (GM ASEP) will give you the skills and experience to work in a GM dealership service department or AC Delco certified repair facility. Your training will help you become a top-level technician who specializes in the diagnostics and repair of GM vehicles, including on-vehicle computers, automatic transmissions, climate control systems, electrical systems and engines. You'll work with the latest GM products and technology. This hands-on program will have you well on your way to a successful career as a GM certified technician.

**Career Opportunities**

Automotive Technician	GM World Class Technician
Master Technician	Mentor
Owner	Service Manager

**Technical Studies (43 Credits)**

		Credits
10-602-104	Brake Systems	3
10-602-107	Automotive Service Fundamentals	2
10-602-124	Steering & Suspension Systems	3
10-602-125	Electrical & Electronic Systems 1	2
10-405-147	Intro, Transportation Welding	1
10-602-115	Electrical 1 - ASEP	3
10-602-134	Automotive Engines Measuring - ASEP	3
10-602-141	Dealership Co-op 1 - ASEP	2
10-806-173	Applied Science for Transportation	1
10-602-135	Dealership Co-op 2 - ASEP	2
10-602-116	Electrical 2 - ASEP	3
10-602-137	Dealership Co-op 3 - ASEP	2
10-602-164	Automotive HVAC-ASEP	2
10-602-165	Advanced Chassis Systems-ASEP	2
10-602-120	Fuel Systems - ASEP	3
10-602-122	Driveline/Manual Transmission - ASEP	3
10-602-139	Dealership Co-op 4 - ASEP	2
10-602-166	Engine/Powertrain Diagnostics-ASEP	1
10-602-167	Automatic Transmission/Transaxle-ASEP	3

**General Studies (15 Credits)**

10-804-113	College Technical Math 1A	3
10-801-195	Written Communication	3
10-809-195	Economics	3
10-801-196	Oral/Interpersonal Comm	3
10-809-199	Psychology of Human Relations	3

**Suggested Electives (4 Credits)**

10-602-150	Automotive Internship-ASEP/Co-op	3
10-602-112	Global Automotive Market	1
10-602-152	Automotive Service Consulting	3
10-602-153	Automotive Service Management	3
10-412-131	Introduction to Light Duty Diesel Engines	2

**Vehicle Refinishing & Repair Technology**

10-405-3

Associate Degree • 63 Credits • Financial Aid Eligible • Appleton

This degree prepares you for work in refinishing and repairing many types of vehicles, including emergency vehicles and fire apparatus, as well as work in the aviation and transportation industries. Your hands-on training will give you the skills you need to remove, repair and replace damaged sheet metal, plastic and composite parts. You'll gain a thorough understanding of the unique characteristics of the various material types, and will learn all about color and topcoat application techniques. You'll also learn how to estimate project costs and how to deal professionally with customers. The addition of math, communication and social science courses provides you with a well-rounded education to help advance your career.

**Career Opportunities**

Assembler	Auto Collision Technician
Body Shop Mechanic	Industrial Painter
Painter/Body Technician	Parts Technician

**Technical Studies (48 Credits)**

		Credits
10-405-147	Intro, Transportation Welding	1
10-405-181	Intro to Automotive Refinishing	2
10-405-182	Collision Repair Non Struct 1	2
10-405-183	Collision Repair Non Struct 2	2
10-405-184	Collision Repair Non Struct 3	2
10-405-185	Collision Repair Non Struct 4	2
10-405-143	Introduction to Collision Repair Welding	1
10-405-146	Collision Repair Welding 2	2
10-405-187	Collision Refinishing Surface Preparation	2
10-405-188	Refinish and Topcoat Application	3
10-405-189	Refinishing, Tinting, & Blending	2
10-405-190	Collision Refinishing-Advanced	3
10-405-119	Industry Trends Vehicle Repair	1
10-405-120	Collision Repair Mech - HVAC	2
10-405-130	Collision Electrical & Electronic Systems 1	2
10-405-180	Intro to Collision Repair	2
10-405-186	Plastics and Composites	1
10-405-191	Collision Repair Structural 1	3
10-405-194	Collision Repair Estimating	1
10-405-122	Collision-Drive Systems	2
10-405-128	Collision Repair Electric Sys-SRS	1
10-405-129	Collision Steering & Suspension Systems	3
10-405-192	Collision Repair Structural 2	3
10-405-193	Collision Repair Structural 3	2
10-405-195	Collision Repair Customer Relations	1

**General Studies (15 Credits)**

10-804-113	College Technical Math 1A	3
10-801-196	Oral/Interpersonal Comm	3
10-809-172	Introduction to Diversity Studies	3
10-809-199	Psychology of Human Relations	3
10-801-195	Written Communication	3



# DIESEL

## Diesel Construction Equipment Service Technician (FABTECH)

32-412-3

Technical Diploma\* • 55 Credits • Financial Aid Eligible • Oshkosh

Get the skills you need to perform preventive maintenance, field service and repairs on a variety of compact and heavy Caterpillar® construction equipment. You'll also obtain skills in engine testing, diagnostics, engine overhauling, air conditioning and shop safety. In a year, you could be on the job earning a good income at Fabick Cat, your exclusive Cat Dealer for the entire state of Wisconsin, the Upper Peninsula of Michigan and throughout major portions of Missouri and Illinois. This technical diploma is one of two required. The 40 credits earned in the Diesel Engine Service Technician program will apply, leaving you with just 15 additional credits needed to complete this technical diploma.

### Career Opportunities

Diesel Mechanic	Diesel Technician
Fleet Mechanic	General Repair Mechanic
Mechanic	Service Technician
Truck Mechanic	

### Occupational Specific (53 Credits)

		Credits
10-412-142	FABTECH Preventive Maint & Equipment Repair	5
10-412-143	FABTECH Shop Practices, Introduction to	4
10-412-151	FABTECH Electrical 1	5
10-412-164	FABTECH Hydraulic Systems 1	3
10-412-172	FABTECH Fuel Systems 1	3
10-442-103	FABTECH Applied Welding	2
10-412-141	FABTECH Air Conditioning	2
10-412-148	FABTECH Engine Rebuilding	5
10-412-150	FABTECH Engine Testing & Diagnostics	5
10-412-157	FABTECH Fuel Systems 2	4
10-412-129	Diesel Equipment Internship	1
10-412-145	FABTECH Hydraulic Systems 2	5
10-412-146	FABTECH Construction Drive Train 1	5
10-412-147	FABTECH Construction Drive Train 2	4

### Occupational Supportive (2 Credits)

31-801-318F	FABTECH Applied Communication	2
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## Diesel Engine Service Technician (FABTECH) 31-412-7

Technical Diploma\* • 40 Credits • Financial Aid Eligible • Oshkosh

There is a shortage of skilled diesel engine specialists. This program will provide you with the skills required to perform engine overhauls, testing, fuel system repairs and diagnostics on Caterpillar® diesel engines. In less than a year, you could be on the job earning a good income at Fabick Cat, your exclusive Cat Dealer for the entire state of Wisconsin, the Upper Peninsula of Michigan and throughout major portions of Missouri and Illinois. This technical diploma is one of two required. The 40 credits earned in this program are applied to either the Diesel Construction Equipment Service Technician program or the Diesel Power Generation & Marine Service Tech program.

### Career Opportunities

Diesel Mechanic	Diesel Technician
Fleet Mechanic	General Repair Mechanic
Mechanic	Service Technician
Truck Mechanic	

### Occupational Specific (38 Credits)

		Credits
10-412-142	FABTECH Preventive Maint & Equipment Repair	5
10-412-143	FABTECH Shop Practices, Introduction to	4
10-412-151	FABTECH Electrical 1	5
10-412-164	FABTECH Hydraulic Systems 1	3
10-412-172	FABTECH Fuel Systems 1	3
10-442-103	FABTECH Applied Welding	2
10-412-141	FABTECH Air Conditioning	2
10-412-148	FABTECH Engine Rebuilding	5
10-412-150	FABTECH Engine Testing & Diagnostics	5
10-412-157	FABTECH Fuel Systems 2	4

### Occupational Supportive (2 Credits)

31-801-318F	FABTECH Applied Communication	2
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## Diesel Equipment Mechanic

31-412-1

Technical Diploma\* • 48 Credits • Financial Aid Eligible • Appleton

Diesel technicians with advanced diagnostic and analytical expertise are in demand. Get the skills you need to repair and maintain electronic-controlled diesel engines, air conditioning systems, electronic-controlled air brake systems and drive lines. Because you'll be working directly on FVTC's fleet of 60 diesel powered tractors, you'll have a unique opportunity for hands-on learning every day "in the shop" dealing with real-life customer and vehicle issues. This setting builds your technical expertise and helps you learn to use the complex equipment needed to diagnose and correct problems. You will have the skills to service any type of diesel-powered equipment.

### Career Opportunities

Diesel Mechanic	Diesel Technician
Fleet Mechanic	Forklift Mechanic
General Repair Mechanic	Heavy Duty Diesel Service Repair Technician

### Occupational Specific (43 Credits)

		Credits
10-412-128	Service Management	4
10-412-101	Introduction to Diesel Technology	4
10-412-112	Diesel Heavy Duty Brake Systems	3
10-412-113	Diesel Steering and Suspension	2
10-412-114	Diesel Preventive Maintenance	3
10-412-118	Drive Train	4
10-412-117	Diesel Hydraulic/Pneumatic Systems	2
10-412-135	Diesel Heating Ventilation & Air Conditioning	3

Want to continue your education beyond an associate degree?

See page 17 for more information.

\*View Gainful Employment at [www.fvtc.edu/GainfulEmployment](http://www.fvtc.edu/GainfulEmployment)

10-412-136	Diesel Heavy Duty Electrical 1	3
10-412-137	Diesel Heavy Duty Electrical 2	2
10-412-127	Tune-up & Diagnostic Testing	4
10-412-132	Diesel Heavy Duty Fuel Systems	3
10-412-133	Diesel Engine Rebuilding	3
10-412-134	Diesel Electronic Fuel Management Systems	3

**Occupational Supportive (5 Credits)**

10-405-147	Intro, Transportation Welding	1
10-801-196	Oral/Interpersonal Comm	3
10-442-104	Welding for Technicians	1

**Diesel Equipment Technology** 10-412-1

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton

Diesel technicians with advanced diagnostic and analytical expertise are in demand. Get the skills you need to repair and maintain electronic-controlled diesel engines, air conditioning systems, electronic-controlled air brake systems and drive lines. Because you'll be working directly on FVTC's fleet of 60 diesel powered tractors, you'll have a unique opportunity for hands-on learning every day "in the shop" dealing with real-life customer and vehicle issues. This setting builds your technical expertise and helps you learn to use the complex equipment needed to diagnose and correct problems. You will have the skills to service any type of diesel-powered equipment. The addition of math, communication and social science courses provides you with a well-rounded education to help advance your career.

**Career Opportunities**

Diesel Mechanic	Diesel Technician
Forklift Mechanic	Heavy Duty Equipment Sales
Heavy Equipment Mechanic	Service Administrative Opportunities
Service/Supervisor/Manager	

**Technical Studies (45 Credits)**

	Credits
10-405-147	Intro, Transportation Welding
10-412-128	Service Management
10-412-101	Introduction to Diesel Technology
10-412-112	Diesel Heavy Duty Brake Systems
10-412-113	Diesel Steering and Suspension
10-412-114	Diesel Preventive Maintenance
10-412-118	Drive Train
10-442-104	Welding for Technicians
10-412-117	Diesel Hydraulic/Pneumatic Systems
10-412-135	Diesel Heating Ventilation & Air Conditioning
10-412-136	Diesel Heavy Duty Electrical 1
10-412-137	Diesel Heavy Duty Electrical 2
10-412-127	Tune-up & Diagnostic Testing
10-412-132	Diesel Heavy Duty Fuel Systems
10-412-133	Diesel Engine Rebuilding
10-412-134	Diesel Electronic Fuel Management Systems

**General Studies (15 Credits)**

10-801-196	Oral/Interpersonal Comm	3
10-801-195	Written Communication	3
10-804-123	Math w Business Apps	3
10-809-166	Intro to Ethics: Theory & App	3
10-809-199	Psychology of Human Relations	3

**Diesel Power Generation & Marine Service Tech (FABTECH)**

32-412-2

Technical Diploma\* • 55 Credits • Financial Aid Eligible • Oshkosh

This program will give you the hands-on training needed to perform generator maintenance, engine overhauls, repairs, tune-ups, testing, fuel system repairs and diagnostics. In addition, you'll learn how to do field service on Caterpillar® equipment. You'll obtain additional skills in advanced math, electrical power generation, air conditioning, electrical and shop safety. In a year, you could be on the job earning a good income at Fabick Cat, your exclusive Cat Dealer for the entire state of Wisconsin, the Upper Peninsula of Michigan and throughout major portions of Missouri and Illinois. This technical diploma is one of two required. The 40 credits earned in the Diesel Engine Service Technician program will apply, leaving you with just 15 additional credits needed to complete this technical diploma.

**Career Opportunities**

Diesel Mechanic	Diesel Technician
Fleet Mechanic	General Repair Mechanic
Mechanic	Service Technician
Truck Mechanic	

**Occupational Specific (50 Credits)**

	Credits
10-412-142	FABTECH Preventive Maint & Equipment Repair
10-412-143	FABTECH Shop Practices, Introduction to
10-412-151	FABTECH Electrical 1
10-412-164	FABTECH Hydraulic Systems 1
10-412-172	FABTECH Fuel Systems 1
10-442-103	FABTECH Applied Welding
10-412-141	FABTECH Air Conditioning
10-412-148	FABTECH Engine Rebuilding
10-412-150	FABTECH Engine Testing & Diagnostics
10-412-157	FABTECH Fuel Systems 2
10-412-129	Diesel Equipment Internship
10-412-154	FABTECH Electrical Power Generation 1
10-412-155	FABTECH Electrical Power Generation 2
10-609-170	Ladder Logic and Control Devices
10-660-114	AC Circuits 1

**Occupational Supportive (5 Credits)**

10-804-113	College Technical Math 1A	3
31-801-18F	FABTECH Applied Communication	2

## TRUCK DRIVING

### Truck Driving

30-458-1

Technical Diploma\* • 12 Credits • Not Financial Aid Eligible • Appleton

There is a strong demand for professional truck drivers, and this program can help you prepare for an exciting career on the road. As a professional truck driver, you are responsible for the safe, efficient delivery of goods between locations. You will have lots of time behind the wheel learning how to maneuver trucks into tight parking spaces, through narrow alleys and up to loading platforms. You will develop backing and driving skills through classroom, lab, range and roadway experiences. You will also cover communications with fellow drivers, dispatchers, shippers, mechanics and law enforcement personnel. In addition, you will learn how to complete the necessary paperwork and appropriate inspections. You will have the skills you need to earn your Class a commercial driver's license (CDL) and start your career.

### Career Opportunities

Company Driver/Owner Operator	Driver Manager
Driver Mentor	Local/Regional/Long Distance Driver
LTL/Truckload Carriers	Recruiting Specialist

### Occupational Specific (12 Credits)

		Credits
30-458-316	Truck Driving Semi-Level 1	4
30-458-321	Truck Driving Semi-Level 2	4
30-458-322	Truck Driving Semi-Level 3	4

## General, Global & Individualized Studies

## INDIVIDUALIZED TECHNICAL STUDIES

### Individualized Technical Studies

10-825-1

Associate Degree • 60-70 Credits • Financial Aid Eligible  
Appleton, Oshkosh

Looking for a program that meets your unique career goals? Increasingly, employers want workers who have the knowledge and skills to cut across traditional occupational categories. If you have a career objective that can't be met with an existing degree program, then this could be your answer. You'll work with an employer, occupational advisor and a college advisor to identify the desired knowledge and skills. Then you'll put together a program to meet those needs. The Individualized Technical Studies option gives you the flexibility and the outcomes you need for your unique situation.

\*View Gainful Employment at [www.fvtc.edu/GainfulEmployment](http://www.fvtc.edu/GainfulEmployment)

"FVTC grads bring the latest knowledge, current techniques and systems information in our facility."

Manager,  
Human Resources,  
Plexus Corp.

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Veterans Services	<a href="http://www.fvtc.edu/Veterans">www.fvtc.edu/Veterans</a>	920-735-5651

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1-800-735-FVTC (3882)



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This Admissions Guide & Catalog is not to be considered in any way a contractual document between Fox Valley Technical College and the student. Administration reserves the right to change curricula, regulations and course offerings published in this Admissions Guide & Catalog at any time. Any changes will be in accordance with policies, rules and regulations as established by the Wisconsin Technical College System Board and will be based on the changing needs of the occupational areas involved.



## Campuses

### Appleton

1825 N. Bluemound Drive  
P.O. Box 2277  
Appleton, WI 54912-2277  
920-735-5600 or 1-800-735-FVTC (3882)  
TTY: 920-735-2569

### Oshkosh

150 N. Campbell Road  
Oshkosh, WI 54902  
920-233-9191 or 1-877-272-4559

## Regional Centers

### Chilton

1200 E. Chestnut Street (Hwy 32/57 S)  
Chilton, WI 53014  
920-849-4416 or 1-800-843-4131

### Clintonville

525 S. Main Street  
Clintonville, WI 54929  
715-823-1555 or 1-800-321-7133

### Waupaca

1979 Godfrey Drive  
P.O. Box 467  
Waupaca, WI 54981  
715-942-1700 or 1-888-324-3218

### Wautoma

205 E. Main Street, Suite 12A  
Wautoma, WI 54982  
920-787-3319 or 1-888-324-3218

## Training Centers

### Advanced Manufacturing Technology Center

4200 Poberezny Road  
Oshkosh, WI 54902  
920-233-9191

### D. J. Bordini Center

5 N. Systems Drive  
P.O. Box 2277  
Appleton, WI 54912-2277  
920-735-2525 or 1-888-458-0449

### FABTECH Education Center

3729 Oregon Street  
Oshkosh, WI 54902  
920-232-6001

### Public Safety Training Center

W6400 County Road BB  
Appleton, WI 54914  
920-560-1600

### Sustainable Technology Center

11 Tri Park Way  
Appleton, WI 54914  
920-735-5782

### S. J. Spanbauer Aviation & Industrial Center

3601 Oregon Street  
Oshkosh, WI 54902  
920-232-6001

## Outreach Centers

### Riverview Gardens Outreach Center

579 W. College Ave.  
Appleton, WI 54911  
920-257-8433

### New London Outreach Center

110 W. North Water St.  
New London, WI 54961  
715-823-1555

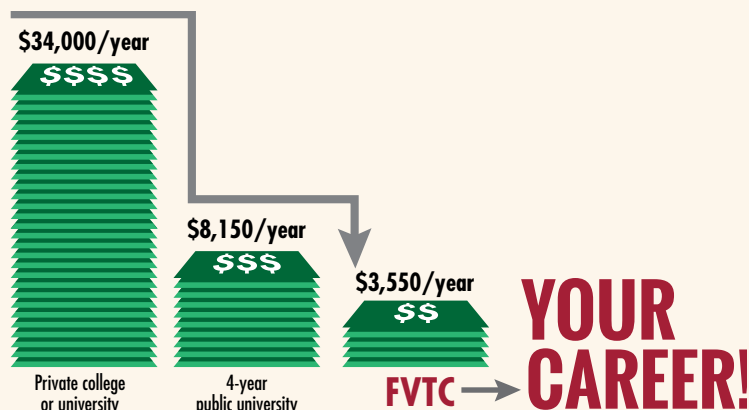


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If you're looking for an affordable education with high graduate employment rates, Fox Valley Tech is a great choice.

# 94%

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**\\ \$47,900 //**  
AVERAGE CURRENT SALARY  
Of A 2011 Graduate

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- Veteran Education Benefits
- FVTC Foundation Scholarships  
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\*Annual tuition is based on averages of 2 semesters with 12 credits each. This is tuition only — books, supplies, etc. are extra.

For more information:

[fvtc.edu/PayingForCollege](http://fvtc.edu/PayingForCollege)

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admission today:  
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**Fox Valley Technical College offers a solid return on your investment:**

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