



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

# Earn a College Degree

## Admissions Guide & Catalog



2018-2019

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





# Our Grads Get Jobs!

## Graduate employment rate of 95%

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

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

[fvtc.edu/GraduateEmployment](https://fvtc.edu/GraduateEmployment)

Fox Valley Technical College's 95% 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 95%**. 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: [fvtc.edu/ChoosingACollege](https://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:  
[fvtc.edu/Visit](http://fvtc.edu/Visit)  
 920-735-4740

## 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:  
[fvtc.edu/ChoosingACollege](http://fvtc.edu/ChoosingACollege)

# Let's Get Started...

Apply Now – It's Easy!



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

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



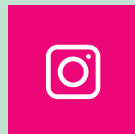
# Connect with Fox Valley Tech



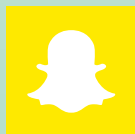
**Like.** [facebook.com/FoxValleyTech](https://www.facebook.com/FoxValleyTech)



**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: [fvtcusan.wordpress.com](https://fvtcusan.wordpress.com)



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



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

More ways to stay up-to-date: [fvtc.edu/Connect](https://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.

### Work/Life Experience

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. The type of assessments are:

- Skills Test
- Industry Certification Review
- Work Experience/Portfolio Review (previous work experience, military training, business and industry training, etc.)



### 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.

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

# 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.

## Parking

No need to purchase a parking pass. There's plenty of free student parking at all of our campuses.

## 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, 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.

## Campus Care Clinic

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 87.

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



# Affordable Education

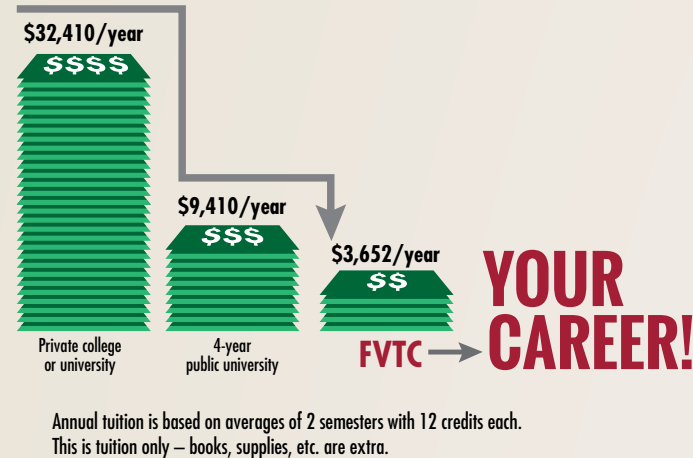
## Tuition

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.



## Estimate Your Program Cost

\$152.15 per credit\*  
 x \_\_\_\_\_ Credits in your program  
 \$ \_\_\_\_\_ Total tuition  
 + \_\_\_\_\_ Books, supplies & equipment  
 \$ \_\_\_\_\_ Total program cost

\*Based on 2018-2019 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 \$67.10 per credit.  
 Tuition rates are subject to change.

For more information about tuition and payment options:  
[fvtc.edu/PayingForCollege](http://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
- Have a high school diploma or equivalent

### How to apply

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

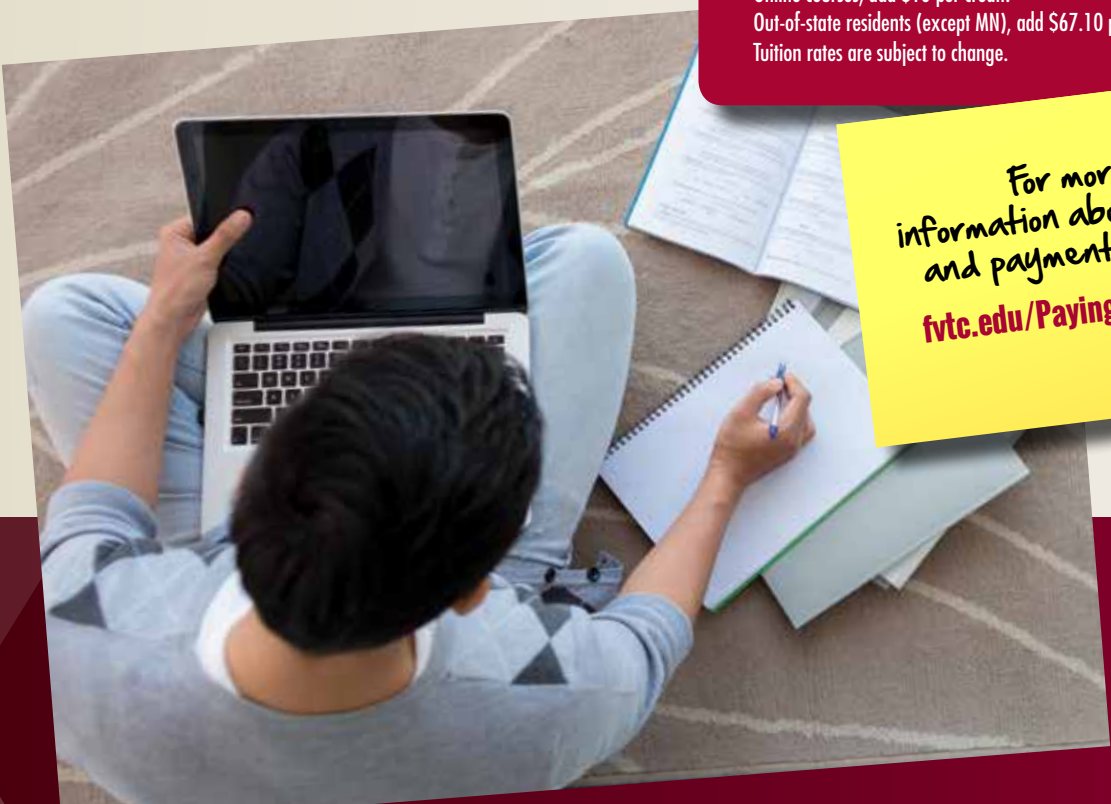
The FVTC Foundation awards over 900 scholarships each year. Scholarships are funded by private donors, including individuals, organizations and businesses. Best of all, scholarships do not have to be repaid. Students in most associate degree, technical diploma and apprenticeship programs are eligible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



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

Find helpful information about paying for college:  
[fvtc.edu/PayingForCollege](http://fvtc.edu/PayingForCollege)  
[fafsa.gov](http://fafsa.gov)

Also, check out our extensive list of scholarship opportunities:  
[fvtc.edu/Scholarships](http://fvtc.edu/Scholarships)





# Student Life

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.



## Student Life Center

Student Life 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 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 Opportunities

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.

## Speaker Series

Each year, Student Life brings in a variety of speakers designed to keep you informed on current topics and provide you with the opportunity to meet these experts.

## 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. Enjoy a weekend with your family at the Tundra Lodge in Green Bay. Student Life also sells reduced price tickets to area attractions and events.

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



**"FVTC has helped me become more involved in activities and explore what is available to me. Being a college ambassador is very rewarding."**

Trevor H., Alumnus  
Criminal Justice-Law Enforcement



# 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 Jamaica, Ireland, Belize 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:  
[fvtc.edu/Global](http://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:  
[fvtc.edu/ProgramPrep](http://fvtc.edu/ProgramPrep)

## Flexible Learning

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





**"All my credits transferred. 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:  
[fvtc.edu/4YearCreditTransfer](http://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:

Ashford University  
Bellevue University  
Concordia University Wisconsin  
Franklin University  
Grand Canyon University  
Herzing University  
Lakeland University

Marian University  
Milwaukee School of Engineering  
Northern Michigan University  
Silver Lake College  
UW-Green Bay  
UW-LaCrosse  
UW-Milwaukee

UW-Oshkosh  
UW-Platteville  
UW-River Falls  
UW-Stevens Point  
UW-Stout  
Viterbo University

### 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.

\*Also offered in accelerated format

\*\*Accelerated format only

▲ Shared with another technical college

For certificate programs, see pages 20-21.

View all course descriptions: [fvtc.edu/Courses](http://fvtc.edu/Courses)

### Agriculture, Horticulture & Natural Resources (Pages 22-31)

#### AGRICULTURE

- Agribusiness Agronomy Technician (TD)
- Agribusiness Dairy Technician (TD)
- Agribusiness Management Technician (TD)
- Agribusiness Science & Technology - Agronomy (AAS) **NEW**
- Agribusiness Science & Technology - Animal Science (AAS) **NEW**
- 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)
- Wildland Fire Crew (TD)
- Wildland Firefighter (AAS)

#### OUTDOOR POWER

- Outdoor Power Equipment Technician (TD)

### Aviation (Pages 32-33)

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

### Business, Management & Finance (Pages 34-43)

#### 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)\*
- Receptionist (TD) **NEW**

#### BUSINESS & MANAGEMENT

- Broadcast Captioning (AAS) ▲
- Business Analyst (AAS) **NEW**
- Business Management (AAS)\* *Specialty Tracks*
- Business Operations (TD)
- 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 44-45)

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

### Culinary & Hospitality (Pages 46-47)

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

Find the most current information on all new offerings:

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

For more information on FVTC's programs of study:

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

### Engineering Technologies (Pages 48-53)

#### 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)
- Quality Technician (TD) **NEW**

#### MECHANICAL DESIGN

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

#### SAFETY, ENERGY & ENVIRONMENTAL

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

### Health Science (Pages 54-60)

- 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 - RN 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) ▲

### Human Services (Page 61-62)

#### ALCOHOL & OTHER DRUG ABUSE

- Alcohol & Other Drug Abuse Associate (AAS)

#### EARLY CHILDHOOD EDUCATION

- Early Childhood Education (AAS)\*

#### SERVICE CAREERS

- Therapeutic Massage (TD)

### Information Technology (Pages 63-66)

#### NETWORK/COMPUTER SUPPORT

- Computer Support Specialist (AAS)
- Help Desk Support Specialist (TD)
- Information Systems Security Specialist (AAS)
- Network Specialist (AAS)
- Network Systems Administration (AAS)

#### SOFTWARE DEVELOPMENT/WEB

- Software Developer (AAS)
- Web Design (TD)
- Web Development & Design Specialist (AAS)

### Manufacturing (Pages 67-71)

#### INDUSTRIAL MAINTENANCE

- Industrial Maintenance Mechanic (TD)
- Technical Studies-Journeyworker (AAS)

#### MANUFACTURING OPERATIONS

- Industrial Engineering Technology (AAS)
- Process Technician (TD) **NEW**

#### 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 72-73)

#### INTERIOR DESIGN

- Interior Design (AAS)
- Interior Design - Kitchen & Bath Design (AAS)

#### MARKETING

- Digital Marketing (TD)
- Marketing (AAS)

### Public Safety (Pages 74-77)

#### 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 78-84)

#### AUTOMOTIVE

- Auto Collision Repair & Refinishing Technician (TD)
- Automotive Maintenance & Light Repair Technician (TD) **NEW**
- 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 85)

- Individualized Technical Studies (AAS)



## 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)

Habitat and Land Use Management Specialist (C)

#### 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)

Microsoft Office Suite (C)

Office Skills, Basic (C)

#### BUSINESS & MANAGEMENT

Business Fundamentals (C)

Entrepreneurship and Small Business Management (C)

Event Planning (C)

Organizational Leadership, Advanced (C)

Organizational Leadership, Basic (C)

Small Business Success 1 (C)

Small Business Success 2 (C)

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, Practical Fundamental (C)

#### MANUFACTURING & AUTOMATION

Automation & Maintenance, Advanced (C)

Instrumentation & Process Control (C)

Programmable Logic Controllers (PLCs) (C)

#### MECHANICAL DESIGN

CAD Management (C)

#### SAFETY, ENERGY & ENVIRONMENTAL

Environmental Compliance Specialist (C)

Environmental Health & Safety (C)

Essentials of Occupational Safety (C) **NEW**

### 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)

### 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

#### SOFTWARE DEVELOPMENT/WEB

Database (C)

Mobile Applications Development (C)

### Manufacturing

#### INDUSTRIAL MAINTENANCE

Controls Maintenance (C)

Electrical Maintenance (C)

Industrial Maintenance (C)

Mechanical Maintenance (C)

#### 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)

Woodworking Technician 2 (C)

### 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 Quick Service Technician (C) **NEW**

Automotive Service Management (C)

#### TRUCK DRIVING

CDL Straight Truck (C)

Truck Driving Refresher (C)

### 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 - Beginner (C) **NEW**

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 Technician Apprentice (A)

Operating Engineer Apprentice (A)

Plumbing Apprentice (A)

Sheet Metal Construction (A)

Steamfitting Apprentice (A)

Steamfitting Service Apprentice (A)

### Human Services

#### SERVICE CAREERS

Cosmetology Apprentice (A)

### Manufacturing

#### INDUSTRIAL MAINTENANCE

Industrial Electrician Apprentice (A)

Lubrication Technician Apprentice (A) **NEW**

Maintenance Mechanic/Millwright Apprentice (A)

Maintenance Technician Apprentice (A)

Pipe Fabricator Apprentice (A)

Pipefitting Apprentice (A)

#### METAL MACHINING, FABRICATION & WELDING

Machinist Apprentice (A)

Tool & Die Apprentice (A)

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

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



# 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 (30 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
10-006-150	Agronomy Equipment	3
10-006-155	Nutrient Management Principles	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 (30 Credits)	Credits	
10-006-103	Agricultural Marketing	3
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
10-006-104	Ag Production Systems	3
10-006-114	Dairy/Livestock Ration Balance	3
10-006-116	Agribusiness Work Experience	3
10-006-145	Dairy/Livestock Herd Management	3
10-006-148	Dairy Genetics and Reproduction	3

#### 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 and animal fundamentals. 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
10-006-151	Agribusiness Management	3
10-809-195	Economics	3
<b>Occupational Supportive (3 Credits)</b>		
10-804-123	Math w Business Apps	3

#### Agribusiness Science & Technology - Agronomy **NEW** 10-006-5 Associate Degree • 60 Credits • Financial Aid Eligible • Appleton

You'll be ready for a career in precision agriculture, cropping systems, fertilizer, integrated pest management, farm management and farm supply areas of agriculture with the Agribusiness/Science Technology – Agronomy degree. Through hands-on learning, you'll gain skills in integrated pest management, marketing, soil science, nutrient management, crop production, agronomy equipment, Geographic Information Systems/Global Positioning Systems (GIS/GPS) technology and computers, as well as sales and agribusiness. This program will open doors to a variety of agribusiness careers.

##### Career Opportunities

Crop Applicators      Agricultural Sales  
 Fertilizer and Seed Technicians      Precision Agriculture Technicians

Technical Studies (45 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
10-006-154	Precision Ag Overview	3
10-006-103	Agricultural Marketing	3
10-006-109	Crop Scouting Training	3
10-006-141	Crop Science	3
10-006-150	Agronomy Equipment	3
10-006-116	Agribusiness Work Experience	3
10-006-143	Introduction to Soils	3
10-006-146	Commercial Vegetable Production	3
10-006-134	Agribusiness Sales	3
10-006-155	Nutrient Management Principles	3
10-006-163	GIS Applications	3
<b>General Studies (15 Credits)</b>		
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
10-809-199	Psychology of Human Relations	3

#### Agribusiness Science & Technology - Animal Science **NEW** 10-006-6 Associate Degree • 60 Credits • Financial Aid Eligible • Appleton

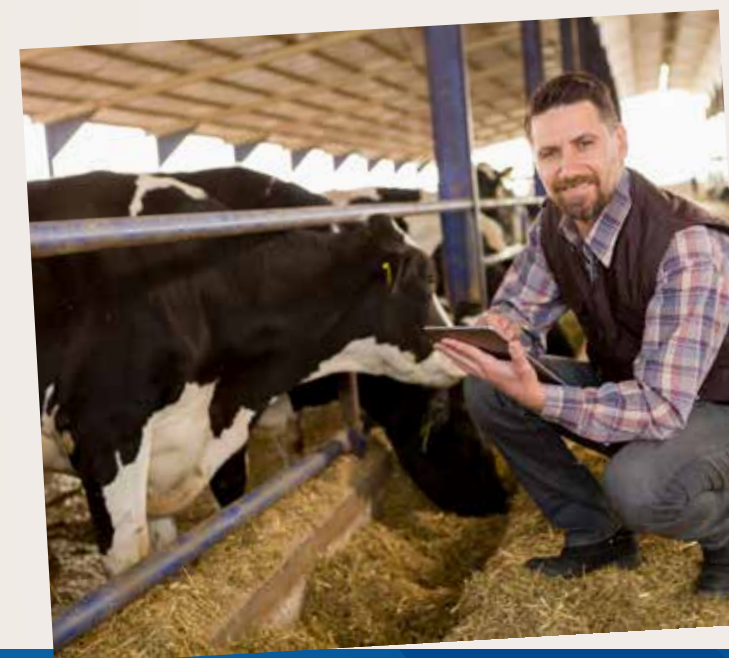
Get ready for a career in the feed, animal nutrition, dairy, farm management and farm supply areas of agriculture with the Agribusiness/Science Technology – Animal Science degree. Through hands-on training, you'll learn about animal science, artificial insemination, sire selection, animal nutrition and ration balancing, record keeping and herd health, as well as marketing, sales and management. This program will prepare you for a variety of agribusiness careers.

##### Career Opportunities

Agribusiness Sales      Artificial Insemination Technician  
 Feed Technician      Dairy Herdsman  
 Animal Health Technician

Technical Studies (45 Credits)	Credits	
10-006-119	Agricultural Crop Production	3
10-006-133	Introduction to Agribusiness	3
10-006-140	Animal Science Fundamentals	3
10-006-170	Animal Health	3
10-006-103	Agricultural Marketing	3
10-006-145	Dairy/Livestock Herd Management	3
10-006-148	Dairy Genetics and Reproduction	3
10-006-169	Dairy/Livestock Artificial Insemination Records & Management	3
10-006-113	Dairy/Livestock Nutrition	3
10-006-116	Agribusiness Work Experience	3
10-006-149	Dairy/Livestock Records Management	3
10-006-104	Ag Production Systems	3
10-006-114	Dairy/Livestock Ration Balance	3
10-006-151	Agribusiness Management	3
10-006-155	Nutrient Management Principles	3
<b>General Studies (15 Credits)</b>		
10-804-123	Math w Business Apps	3
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

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



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



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

#### Technical Studies (42 Credits)

	Credits
10-006-119	3
10-006-133	3
10-006-140	3
10-006-103	3
10-006-113	3
10-006-104	3
10-006-116	3
10-006-134	3
10-006-151	3
10-006-155	3

Select a total of 12 credits from these options:

10-006-102	3
10-006-141	3
10-006-114	3
10-006-143	3
10-006-150	3
10-006-145	3
10-006-148	3
10-006-149	3
10-006-154	3

#### General Studies (15 Credits)

10-801-195	3
10-804-123	3
10-809-195	3
10-801-196	3
10-809-199	3

#### Suggested Electives (3 Credits)

10-006-109	3
10-006-146	3
10-006-163	3
10-006-170	3
10-006-169	3

### Agriculture Equipment Service Technician 31-070-5

Technical Diploma\* • 44 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
10-070-110	2
10-070-131	3
10-070-133	3
10-070-134	3
10-070-130	3
10-070-120	3
10-070-123	4
10-070-132	3
10-070-136	3
10-070-118	3
10-070-137	3
10-070-115	1
10-070-121	3
10-070-126	3
10-070-139	1

#### Occupational Supportive (3 Credits)

10-801-195	3
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*Get your  
associate degree and  
transfer to a  
four-year college  
or university.  
See page 17 for more information.*

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

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

President,  
Service Motor Company



### Agriculture Power Equipment 10-070-2

Associate Degree • 62 Credits • Financial Aid Eligible • Appleton

If you want to repair and maintain farm equipment, this degree program is for you. These 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 (44 Credits)

	Credits
10-070-110	2
10-070-130	3
10-070-131	3
10-070-133	3
10-070-134	3
10-070-118	3
10-070-120	3
10-070-123	4
10-070-132	3
10-070-136	3
10-070-115	1
10-070-121	3
10-070-126	3
10-070-139	1
10-070-137	3
10-070-102	3

#### General Studies (15 Credits)

10-801-195	3
10-809-199	3
10-801-196	3
10-804-123	3
10-809-172	3

#### Suggested Electives (3 Credits)

10-461-112	3
10-006-134	3
10-006-150	3



### 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\* • 30 Credits • Financial Aid Eligible • Appleton

Do you want to be prepared to operate a farm some day? This program is designed for beginning farmers, farm technicians or herd managers. You'll gain the skills needed to make sound business management decisions, care for livestock and crops, manage data, select appropriate equipment and maintain the needed equipment. Your training focuses on day-to-day farm activities and introduces you to the most up-to-date practices in production agriculture. This program runs from late fall to early spring to fit around planting and harvest.

#### Career Opportunities

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

Occupational Specific (30 Credits)		Credits
10-080-104	Farm Business Management	2
10-080-105	Feeding Modern Livestock Operations	2
10-080-106	Precision Agriculture	2
10-080-107	Tractor Preventive Maintenance	2
10-080-108	Crop Management Principles	2
10-080-115	Agricultural Commodity Marketing	2
10-080-109	Principles of Reproduction	2
10-080-110	Harvesting Equipment	2
10-080-112	Soil Principles and Fertility	2
10-080-111	Herd Health and Management	2
10-080-113	Farm and Dairy Records	2
10-080-114	Agricultural Planting Systems	2
<i>Select a total of 3 credits from these options:</i>		
10-006-116	Agribusiness Work Experience	3
30-090-381	Farm Business, Operating a	3
<i>Select a total of 3 credits from these options:</i>		
10-006-169	Dairy/Livestock Artificial Insemination Records & Management	3
10-006-109	Crop Scouting Training	3

### 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
10-006-119	Agricultural Crop Production	3
10-006-146	Commercial Vegetable Production	3
10-006-154	Precision Ag Overview	3
10-070-137	Precision Equipment Systems	3
10-006-134	Agribusiness Sales	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
10-070-133	Dealership Parts/Service	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 [fvtc.edu/GainfulEmployment](http://fvtc.edu/GainfulEmployment)



## HORTICULTURE

**Horticulture Technician** 31-001-1  
 Technical Diploma\* • 30 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  
 Grower  
 Landscape Technician  
 Greenhouse Technician  
 Landscape Construction Technician

Occupational Specific (30 Credits)		Credits
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
10-001-111	Introduction to Horticulture	3
10-001-113	Greenhouse and Turf Pest Management	3
10-001-145	Landscape Estimating and Technical Reports	3
10-001-158	Woody Ornamental Plant ID	3
10-001-122	Interiorscaping	2

**Horticulture/Landscape Specialist** 32-001-2  
 Technical Diploma\* • 60 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  
 Foreman  
 Nursery Attendant  
 Crew Leader  
 Greenhouse Maintenance & Sales

Occupational Specific (57 Credits)		Credits
10-001-111	Introduction to Horticulture	3
10-001-112	Horticulture Soils	3
10-001-116	Irrigation Systems	1
10-001-117	Equipment Operation, Horticulture	2
10-001-159	Survey of Herbaceous Plants	3
10-001-181	Landscape Construction 1	3
10-001-113	Greenhouse and Turf Pest Management	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
10-001-145	Landscape Estimating and Technical Reports	3
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
10-001-184	Landscape Design 2	3
10-102-112	Business, Introduction to	3
Occupational Supportive (3 Credits)		Credits
10-802-100	Spanish 1	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  
 Environmental Laboratory Assistant  
 Water & Wastewater Laboratory Assistant  
 Dairy Laboratory Assistant  
 Food 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)		Credits
10-804-107	College Mathematics	3



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

Technical Studies (39 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
10-806-134	General Chemistry	4
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 (19 Credits)		Credits
10-801-195	Written Communication	3
10-804-107	College Mathematics	3
10-806-114	General Biology	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)		Credits
10-890-103	Employability Strategies	1
10-809-103	Think Critically & Creatively	3
10-623-194	Introduction to Six Sigma	3
10-196-131	Problem Solving	2
10-196-190	Leadership Development	3
10-623-196	Statistics for Six Sigma	3

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



## NATURAL RESOURCES

**Natural Resources Technician** 10-057-1  
Associate Degree • 65 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 (42 Credits)

	Credits
10-057-109 Ecology	2
10-057-140 Plant Identification	1
10-057-183 Exploring Natural Resources	3
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 (20 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
10-809-195 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
10-058-162 S212 Wildland Fire Chainsaws	1

**Wildland Fire Crew** 31-058-1  
Technical Diploma\* • 31 Credits • Financial Aid Eligible • Appleton

Teamwork is essential in the demanding role of a Wildland Fire Crew member. Your training will include a broad range of topics including ecosystem-based management, emergency response, hazardous materials and wildland fire practices. You'll learn how to use prescribed fire as a tool in wildlife management, forestry or endangered species management. You'll also learn about the proper care and use of equipment, line construction, pump tending and hose use. There will be multiple opportunities for you to gain valuable first-hand experience in live fire settings.

### Career Opportunities

Burn Crew	Engine Crew
Hand Crew	Holding Crew
Rx Crew	

### Occupational Specific (25 Credits)

	Credits
10-057-140 Plant Identification	1
10-057-183 Exploring Natural Resources	3
10-058-160 Wildfire Intro S130/S190/L180	2
10-058-164 S-219 Firing Operations	1
10-058-173 Fitness Qualification Prep 1	1
10-058-186 S133/S211/S131 Safety/Pumps/FF1	2
10-058-188 Wildfire Equipment Operation	2
10-503-103 Hazmat Awareness & Operations	2
10-531-105 Emergency Medical Responder w/ Healthcare Provider CPR	2
10-057-109 Ecology	2
10-057-143 Natural Resources Common Topics	2
10-058-162 S212 Wildland Fire Chainsaws	1
10-058-179 Fire Experience	3
10-058-182 Fire Prep	1

### Occupational Supportive (6 Credits)

10-801-195 Written Communication	3
10-804-107 College Mathematics	3

**Wildland Firefighter** 10-058-1  
Associate Degree • 62 Credits • Financial Aid Eligible • Appleton

Your interest in the outdoors and intense physical activity could lead to a rewarding career protecting life, property and natural resources from wildfires. Gain the skills you need to use planned, controlled fire as a tool in wildlife management, forestry or endangered species management. You'll learn about the ignition and suppression of wildland and prescribed fire, along with the safe operation of equipment. You'll also get plenty of hands-on experience in live fire situations. Your training will cover ecosystem-based management, emergency response, hazardous materials, structural and wildland fire practices. You'll be part of an elite and uniquely qualified group of wildland firefighters.

### Career Opportunities

Endangered Species Technician	Engine Crew Member
Forestry Technician	Hand Crew Member
Prescribed Fire Technician	Wildland Firefighter
Wildland Technician	

### Technical Studies (43 Credits)

	Credits
10-057-140 Plant Identification	1
10-057-183 Exploring Natural Resources	3
10-058-160 Wildfire Intro S130/S190/L180	2
10-058-164 S-219 Firing Operations	1
10-058-173 Fitness Qualification Prep 1	1
10-058-186 S133/S211/S131 Safety/Pumps/FF1	2
10-058-188 Wildfire Equipment Operation	2
10-503-103 Hazmat Awareness & Operations	2
10-531-105 Emergency Medical Responder w/ Healthcare Provider CPR	2
10-057-109 Ecology	2
10-057-143 Natural Resources Common Topics	2
10-058-162 S212 Wildland Fire Chainsaws	1
10-058-179 Fire Experience	3
10-058-182 Fire Prep	1
10-057-128 Wildlife Mgmt - Nongame and Hunted Species	3
10-057-132 Forestry 1	3
10-058-171 History of Wildfire	3
10-503-141 Firefighting Principles	3
10-057-133 Forestry 2	3
10-058-163 S290 Intermediate Wildland Fire Behavior	1
10-058-181 Prescribed Fire	1
10-058-185 S134 & RT130 Annual Refresher	1

### General Studies (19 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
10-806-114 General Biology	4
10-809-198 Intro to Psychology	3

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



# 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 Pilot certificate with single-engine, multi-engine and instrument airplane privileges; and Certificated Flight Instructor certificates with single-engine, multi-engine and instrument airplane privileges. You'll also learn about weather, aerodynamics and aircraft systems, 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)		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



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

## Aircraft Electronics 10-486-1 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	Avionics Systems Installation Technician
Quality Assurance Technician	

Technical Studies (42 Credits)		Credits
10-486-112	Materials and Installation	3
10-486-124	Aeronautics, Introduction to	3
10-486-160	Aircraft Electrical Power	3
10-486-161	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
10-486-110	Aircraft Instrument Systems	3
10-486-111	Basic Avionics Systems	3
10-486-163	Aircraft Electrical Systems	3
10-486-166	Maintenance Forms & Records	1
10-486-167	Technical Drawings & Diagrams	1
10-486-114	Avionics Communications	3
10-486-140	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
10-486-143	Avionics Surveillance Systems	3
10-486-169	Avionics Navigational Systems	3

General Studies (18 Credits)		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)		Credits
10-486-123	FCC License, Preparation for	1
10-486-168	Human Factors	1
10-486-144	Installation Project 1	1
10-486-145	Installation Project 2	1
10-486-146	Installation Project 3	1
10-620-152	Industrial Solid State 1	1
10-486-130	Avionics Co-op 1	1

## Airframe & Powerplant Mechanics 32-486-1 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	Aircraft Inspector
Corporate/General Aviation Technician	Aviation Maintenance Technician

Occupational Specific (58 Credits)		Credits
10-486-112	Materials and Installation	3
10-486-160	Aircraft Electrical Power	3
10-486-161	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
10-486-110	Aircraft Instrument Systems	3
10-486-111	Basic Avionics Systems	3
10-486-163	Aircraft Electrical Systems	3
10-486-166	Maintenance Forms & Records	1
10-486-167	Technical Drawings & Diagrams	1
10-486-168	Human Factors	1
32-442-317	Aircraft Applied Welding	1
32-486-310	Aircraft Powerplants 1	4
32-486-315	Powerplant Systems 1	3
32-486-316	Powerplant Systems 2	2
32-486-322	Aircraft Systems 1	2
32-486-333	Aircraft Inspection and Analysis	3
32-486-339	Propellers	2
32-486-323	Aircraft Systems 2	4
32-486-326	Structural Materials	3
32-486-327	Maintenance and Service	3
32-486-331	Aircraft Powerplant 2	4
32-486-337	Powerplant Systems 3	3
Occupational Supportive (12 Credits)		Credits
10-486-124	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

Looking for opportunities beyond an associate degree?

See page 17 for more information.



# Business, Management & Finance

## ACCOUNTING & FINANCE

**Accounting** 10-101-1  
 Associate Degree • 63 Credits • Financial Aid Eligible •  
 Appleton, Clintonville, Online, Oshkosh

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
10-101-132	Cost Accounting	4
10-101-186	Income Tax Accounting	4
10-101-182	Intermediate 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

**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

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

**Accounting Assistant** 31-101-1  
 Technical Diploma\* • 32 Credits • Financial Aid Eligible •  
 Appleton, Clintonville, 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

**Banking & Financial Services** 10-114-3  
 Associate Degree • 62 Credits • Financial Aid Eligible • Appleton, Online

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
10-104-117	Sales Principles	3
10-104-151	Marketing 1, Principles of	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)**

10-101-181	Financial Accounting 2	4
10-101-186	Income Tax Accounting	4

**Bookkeeping NEW** 30-101-3  
 Technical Diploma • 13 Credits • Not Financial Aid Eligible  
 Appleton, Clintonville, 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

"I want to be a certified financial planner who can help others, especially veterans, successfully manage their money."

Michael G.,  
 Accounting and Banking & Financial Services



# ADMINISTRATIVE PROFESSIONALS

**Administrative Professional** 10-106-6  
 Associate Degree • 63 Credits • Financial Aid Eligible •  
 Appleton, Online, 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 (42 Credits)	Credits
10-103-120 MS Office Suite, Introduction	2
10-106-111 Microsoft Outlook	1
10-106-118 Effective Business Practice	3
10-106-151 Administrative Office Procedures	2
10-890-100 College Success: On Course	1
10-106-116 Business Writing & Formatting	2
10-106-103 Intro to Office Careers	1
10-106-101 Web Technologies	2
10-106-125 Microsoft Office Suite, Advanced	3
10-106-157 Administrative Office Management	3
10-106-160 Business Relationship Development	2
10-101-107 Accounting, Principles of	3
10-106-131 Professional Business Projects	2
10-106-140 Meeting & Event Management Fundamentals	3
10-106-178 Presentation and Training Techniques	3
10-106-190 Critical Thinking for Business Professionals	2
10-106-199 Business Career Planning	1
10-102-103 Business Law I	3
10-106-104 Administrative Professional Capstone	1
10-106-152 Office Internship	2

General Studies (18 Credits)	Credits
10-804-123 Math w Business Apps	3
10-801-195 Written Communication	3
10-801-196 Oral/Interpersonal Comm	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)	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 1, 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)	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)**

**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

Occupational Specific (22 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

Occupational Supportive (6 Credits)	Credits
10-804-123 Math w Business Apps	3
10-801-195 Written Communication	3



**Office Assistant** 31-106-1  
 Technical Diploma\* • 31 Credits • Financial Aid Eligible •  
 Appleton, Online, 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

Occupational Specific (25 Credits)	Credits
10-103-120 MS Office Suite, Introduction	2
10-106-111 Microsoft Outlook	1
10-106-118 Effective Business Practice	3
10-106-151 Administrative Office Procedures	2
10-106-199 Business Career Planning	1
10-890-100 College Success: On Course	1
10-106-103 Intro to Office Careers	1
10-106-116 Business Writing & Formatting	2
10-106-125 Microsoft Office Suite, Advanced	3
10-106-152 Office Internship	2
10-106-157 Administrative Office Management	3
10-106-160 Business Relationship Development	2
10-106-101 Web Technologies	2

Occupational Supportive (6 Credits)	Credits
10-804-123 Math w Business Apps	3
10-801-195 Written Communication	3

**Receptionist NEW** 30-106-3  
 Technical Diploma • 6 Credits • Not Financial Aid Eligible • Appleton, Online

If you are an upbeat person who enjoys interacting with people, then the Receptionist diploma would be a great fit for you. This program will prepare you for employment in entry-level office positions. You'll learn basic computer skills, communication techniques, customer service skills, business networking and office procedures. Once completed, you can advance from the Receptionist diploma to the Office Assistant diploma and into the Administrative Professional associate degree.

Career Opportunity	
Receptionist	
Occupational Specific (6 Credits)	Credits
10-103-120 MS Office Suite, Introduction	2
10-106-151 Administrative Office Procedures	2
10-106-160 Business Relationship Development	2

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



# 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: [fvtc.edu/Programs/Shared-Programs](http://fvtc.edu/Programs/Shared-Programs)

**Business Analyst NEW** 10-102-1  
 Associate Degree • 61 Credits • Financial Aid Eligible • Appleton, Online

Do you enjoy investigating and facilitating improvements to business' information systems, policies and business processes? If so, you may be interested in the Business Analyst program. In this program, you'll gain the skills necessary to understand the structure, policies and operation of an organization. You'll learn techniques to research, analyze and design solutions using business requirements, best practices and relevant technology. Career opportunities are available in a variety of industries including healthcare, manufacturing, insurance and finance.

Career Opportunities	
Business Analyst	Functional Analyst
Business Systems Analyst	Enterprise Analyst
Project Coordinator	

Technical Studies (41 Credits)		Credits
10-102-115	Business Analyst Essentials	2
10-102-124	BA Planning and Monitoring	3
10-107-150	Microcomputer Applications	2
10-196-188	Project Management, Intro to	3
10-890-100	College Success: On Course	1
10-102-126	Elicitation and Collaboration Techniques	2
10-107-158	Systems Analysis	3
10-152-101	HTML 5	3
10-196-131	Problem Solving	2
10-102-130	Requirements Analysis & Design	3
10-106-199	Business Career Planning	1
10-196-110	Cost Controls and Budgeting	3
10-196-190	Leadership Development	3
10-102-136	BA Strategy Analysis & Evaluation	3
10-102-198	Business Analyst Career Experience	2
10-106-118	Effective Business Practice	3
10-623-195	Lean Tools	2

General Studies (18 Credits)		
10-801-195	Written Communication	3
10-804-133	Math & Logic	3
10-809-198	Intro to Psychology	3
10-801-196	Oral/Interpersonal Comm	3
10-809-166	Intro to Ethics: Theory & App	3
10-809-195	Economics	3

Suggested Electives (2 Credits)		
10-152-168	Data Access for Programmers	3
10-152-120	HTML	2
10-106-178	Presentation and Training Techniques	3

**Business Management** 10-102-3  
 Associate Degree • 60-61 Credits • Financial Aid Eligible  
 Appleton, Chilton, Clintonville, Online, Oshkosh

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 six 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 1	3
10-104-151	Marketing 1, 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
<i>Select a total of 3 credits from these options:</i>		
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

### 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

### 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
10-104-117	Sales Principles	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

Contact our  
 Admissions Specialists  
 for the most current  
 information on the Business  
 Management program.  
 920-735-4740  
 AdmissionsSpecialist@fvtc.edu

### 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
10-196-108	Contemporary Business Issues	3
10-104-117	Sales Principles	3
10-116-150	Employment Law	3
10-102-106	Business Management Internship	2
10-196-190	Leadership Development	3

### Marketing (16 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.

10-104-103	Integrated Marketing Communications	3
10-104-117	Sales Principles	3
10-104-104	Marketing Plan Development	3
10-104-118	Professional Sales	2
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
10-140-164	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



**Business Operations** 31-102-4

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

**Career Opportunities**

Business Administrator  
Supervisor  
Store Manager

Facility Manager  
Operations 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
10-196-191 Supervision	3
10-104-117 Sales Principles	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: [fvtc.edu/Programs/Shared-Programs](http://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 Coordinator  
Staff Coordinator

Human Resources Assistant  
Recruiting Assistant

**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)**

10-196-131 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

**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  
Professional Recruiter  
Team Leader

Facilitator  
Supervisor  
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  
Event Coordinator  
Group Transportation Manager  
Meeting & Event Planner

Donor Coordinator  
Event Resources Manager  
Incentive 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

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



**Paralegal** 10-110-1

Associate Degree • 62 Credits • Financial Aid Eligible • Appleton, Online

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  
Paralegal  
Legal Administrative Assistant

**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

Based on industry-recognized APICS Principles, you'll gain the knowledge necessary to excel in the growing career field of supply chain and operations management. You'll explore business and supply chain fundamentals, along with specific operations of inventory control, materials management, operations planning, lean tools, procurement and sourcing, transportation and logistics management. This program will prepare you to increase profitability by balancing inventory investment, operational efficiency and meeting customer needs. Join this growing career field and make a real contribution to an organization's success.

**Career Opportunities**

Buyer  
Logistics Coordinator  
Supply Chain Associate  
Production Planner  
Materials Planner  
Inventory Specialist  
Procurement Associate  
Demand 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
10-182-122	Principles of Distribution and Logistics	3
10-182-130	Supply Chain Management Capstone	3
10-141-166	Working Effectively Across Cultures	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	Computing Essentials	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  
Social Media Manager  
Training Specialist  
Documentation Specialist  
Technical Writer  
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
<b>Suggested Electives (3 Credits)</b>		
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

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

"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	Construction Project Manager

### 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 (CMT) 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 1 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 [fvtc.edu/GainfulEmployment](http://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
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 Eligible • 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)		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)		Credits
10-316-151	Asian Cuisine	1
10-316-152	European Cuisine	1
10-316-154	Ice Carving	1
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
10-802-100	Spanish I	3

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

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



# Engineering Technologies

## ELECTRICAL & ELECTRONICS

**Electrical Engineering Technology** 10-662-1  
Associate Degree • 70 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 (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
10-605-118	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	2
10-804-119	Technical Calculus 2	4

### General Studies (27 Credits)

10-804-118	Intermediate Algebra with Applications	4
10-801-195	Written Communication	3
10-804-197	College Algebra and Trigonometry with Applications	5
10-806-143	College Physics 1	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 • 60 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 (39 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
10-605-113	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
10-605-106	Solder Rework & Repair-IPC Prep	1
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
10-620-142	Motors and Drives 2	1
10-620-148	Motors and Drives 1	1
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
10-605-165	Electronic Communications 1	1
10-628-151	PLC 1	1
10-628-152	PLC 2	1

### General Studies (21 Credits)

10-804-118	Intermediate Algebra with Applications	4
10-801-196	Oral/Interpersonal Comm	3
10-804-197	College Algebra and Trigonometry with Applications	5
10-809-196	Intro to Sociology	3
10-801-195	Written Communication	3
10-809-198	Intro to Psychology	3

## 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
<b>General Studies (18 Credits)</b>		
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
<b>Suggested Electives (4 Credits)</b>		
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 • 61 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 (44 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
10-623-190	Lean Process Design	3
10-628-152	PLC 2	1
10-623-120	Computer-Aided Manufacturing	4
10-623-132	Project Management	3
10-623-156	Manufacturing Cost Analysis	3
10-628-161	Robotics 1	1
10-628-162	Robotics 2	1
10-623-131	Tool Design	3
<b>General Studies (17 Credits)</b>		
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
<b>General Studies (15 Credits)</b>		
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
<b>Suggested Electives (6 Credits)</b>		
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

**Quality Technician NEW** 30-623-6

Technical Diploma • 20 Credits • Financial Aid Pending • Appleton, Online

Get your foot in the door to a great career working in manufacturing quality. This program will prepare you for inspecting manufactured parts, including the reading of engineering drawings and using common measurement tools. You'll also learn how to implement process improvements and corrective actions.

**Career Opportunities**

Quality Technician	Quality Inspector
Quality Responder Inspector	Quality Specialist

**Occupational Specific (14 Credits)**

	Credits	
10-623-106	Interpretation of Engineering Drawings	2
10-623-171	Quality Management	3
10-623-117	Preventive & Corrective Action	3
10-623-148	Manufacturing Processes	3
10-623-173	Metrology, Inspection & Testing	3

**Occupational Supportive (6 Credits)**

10-801-195	Written Communication	3
10-804-107	College Mathematics	3





## 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 (21 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
10-804-197	College Algebra and Trigonometry with Applications	5
10-623-119	Manufacturing Processes with Lab	4
<i>Select a total of 2 credits from these options:</i>		
10-606-141	Introduction to SolidWorks	2
10-606-102	CATIA V5 - Basic	2
10-606-139	Introduction to Autodesk Inventor	2

### Occupational Supportive (6 Credits)

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

**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

### General Studies (17 Credits)

<i>Select a total of 2 credits from these options:</i>		
10-606-141	Introduction to SolidWorks	2
10-606-102	CATIA V5 - Basic	2
10-606-139	Introduction to Autodesk Inventor	2
<i>Select a total of 2 credits from these options:</i>		
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

## SAFETY, ENERGY & ENVIRONMENTAL

**Safety Engineering Technology** 10-449-3  
Associate Degree • 60 Credits • Financial Aid Eligible • Online, 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 & 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: [fvtc.edu/Programs/Shared-Programs](http://fvtc.edu/Programs/Shared-Programs)

Looking for opportunities  
beyond an  
associate degree?

See page 17 for  
more information.



# 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)		Credits
10-801-196	Oral/Interpersonal Comm	3

**"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 [fvtc.edu/GainfulEmployment](http://fvtc.edu/GainfulEmployment)

**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
10-530-166	Health Information Technology Capstone	1
10-530-167	Management of HIM Resources	3
10-530-185	Healthcare Reimbursement	2
10-530-196	Professional Practice	3
General Studies (18 Credits)		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

**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)		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)		Credits
10-508-130	Dental Hygiene, Transition into Practice	1
10-508-121	Exploring Dental Careers - DA, DH	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
10-508-150	Dental Hygiene Independent Study	1
10-806-103	Independent Study - Science Department	1



**Medical Assistant** 31-509-1

Technical Diploma\* • 34 Credits • Financial Aid Eligible  
Appleton, 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
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
10-501-182 Human Diseases for Health Care Professions	3
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 (9 Credits)**

10-501-101 Medical Terminology	3
10-501-107 Digital Literacy for Healthcare	2
10-501-153 Body Structure and Function	2
10-501-104 Culture of Healthcare	2

**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 testing in 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 [fvtc.edu/GainfulEmployment](http://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), nerve conduction studies (NCS) and polysomnography (PSG) techniques; documenting the clinical condition of patients; and understanding and employing the optimal use of EEG, EP, NCS 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
10-501-101 Medical Terminology	3
10-501-107 Digital Literacy for Healthcare	2
10-525-101 NDT: EEG Basic	3
10-525-102 NDT: Neuroanatomy	3
10-525-103 NDT: Nerve Conduction Studies Basic	3
10-525-104 NDT: EEG Advanced	4
10-525-105 NDT: Evoked Potentials Basic	2
10-525-107 NDT: Theory	3
10-525-108 NDT: Practicum I	4
10-525-109 NDT: Nerve Conduction Study Advanced	3
10-525-106 NDT: Evoked Potentials Advanced	2
10-525-110 NDT: Polysomnography	4
10-525-111 NDT: Practicum II	4

**General Studies (20 Credits)**

10-501-153 Body Structure and Function	2
10-801-196 Oral/Interpersonal Comm	3
10-804-113 College Technical Math 1A	3
10-809-198 Intro to Psychology	3
10-801-136 English Composition 1	3
10-809-103 Think Critically & Creatively	3
10-809-172 Introduction to Diversity Studies	3

**Nursing - RN 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)      Home Health Aide
- Nurse Aid      Patient Care Associate
- Personal Care Attendant      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)**

10-543-118	LPN to ADN Pathway	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
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
10-501-106	Holistic Health for Health Care Providers	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

**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)**

10-531-923	Paramedic Capstone	Credits
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**

31-543-1

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

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 healthcare 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)**

31-543-301	Nursing Fundamentals	Credits
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 [fvtc.edu/GainfulEmployment](http://fvtc.edu/GainfulEmployment)



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

Education Consultant,  
ThedaCare



**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: [fvtc.edu/Programs/Shared-Programs](http://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: [fvtc.edu/Programs/Shared-Programs](http://fvtc.edu/Programs/Shared-Programs)

**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 • 60 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**

Early Childhood Teacher Educational Assistant  
Head Start Teacher Infant/Toddler Teacher  
Preschool Teacher

**Technical Studies (42 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
10-307-199	ECE: Practicum 4	3

**General Studies (15 Credits)**

10-801-195	Written Communication	3
10-801-198	Speech	3
10-809-198	Intro to Psychology	3
10-806-112	Principles of Sustainability	3
10-809-196	Intro to Sociology	3

**Suggested Electives (3 Credits)**

10-307-111	Movement and Music for Children	3
10-307-130	Autism Spectrum Disorder (ASD) - Introduction	1
10-307-131	Autism Spectrum Disorder, Social Integration	2
10-307-198	ECE: Admin an ECE Program	3
10-307-301	Introduction to Family Child Care	3



## SERVICE CAREERS

**Therapeutic Massage** 30-537-1  
 Technical Diploma\* • 24 Credits • Financial Aid Eligible • 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.

**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

"I get to travel the world while having the advantage of working from home, and I'm doing it all with a two-year degree!"

Jes B.,  
 Alumna, Software Developer



## Information Technology NETWORK/COMPUTER SUPPORT

**Computer Support Specialist** 10-154-3  
 Associate Degree • 62 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 (47 Credits)**

	Credits	
10-107-184	Computing Essentials	2
10-154-109	IT Service Desk Concepts	3
10-154-111	Device Repair and Maintenance	3
10-890-100	College Success: On Course	1
10-154-110	Enterprise Client	3
10-107-150	Microcomputer Applications	2
10-150-155	Linux Essentials - Just Enough Linux	1
10-150-161	Information Assurance	2
10-150-162	Network Essentials	2
10-154-102	IT Customer Service Skills	2
10-154-105	Advanced Desktop Management	2
10-154-112	IT Student Help Desk	1
10-107-110	IT Professional Skills	2
10-150-147	Linux	2
10-150-149	Windows PowerShell Scripting	3
10-150-156	Windows Server	3
10-154-101	Emerging Technologies and Trends	3
10-150-105	Virtualization Technologies	3
10-150-116	Network Infrastructure 1	3
10-150-127	IT Project Management	2
10-154-108	IT Service Desk Capstone	2

**General Studies (15 Credits)**

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

**Help Desk Support Specialist** 31-154-7  
 Technical Diploma\* • 26 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 Opportunities**

Help Desk Technician	Help Desk Specialist
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**Occupational Specific (23 Credits)**

	Credits	
10-107-150	Microcomputer Applications	2
10-107-184	Computing Essentials	2
10-154-109	IT Service Desk Concepts	3
10-154-111	Device Repair and Maintenance	3
10-890-100	College Success: On Course	1
10-154-110	Enterprise Client	3
10-150-161	Information Assurance	2
10-150-162	Network Essentials	2
10-154-102	IT Customer Service Skills	2
10-154-108	IT Service Desk Capstone	2
10-154-112	IT Student Help Desk	1

**Occupational Supportive (3 Credits)**

10-801-196	Oral/Interpersonal Comm	3
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Looking for opportunities beyond an associate degree?  
 See page 17 for more information.

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



**Information Systems Security Specialist** 10-151-3

Associate Degree • 62 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 (44 Credits)**

	Credits
10-150-144 Ethical Hacking	3
10-150-161 Information Assurance	2
10-150-162 Network Essentials	2
10-890-100 College Success: On Course	1
10-154-110 Enterprise Client	3
10-150-116 Network Infrastructure 1	3
10-150-141 Operating Systems Security	2
10-150-155 Linux Essentials - Just Enough Linux	1
10-150-156 Windows Server	3
10-150-167 Risk Assessment	3
10-504-176 CCI: Computer Crime Investigation	2
10-150-147 Linux	2
10-150-168 Security Monitoring and Operations	3
10-504-179 CCI: Basic Data Recovery	2
10-150-111 Scripting with Python	3
10-150-160 Network Security	3
10-150-166 Incident Response	3
10-150-159 Server Applications	3

**General Studies (15 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
10-809-199 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 • 62 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, device 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 (45 Credits)**

	Credits
10-150-162 Network Essentials	2
10-154-111 Device Repair and Maintenance	3
10-890-100 College Success: On Course	1
10-154-110 Enterprise Client	3
10-150-116 Network Infrastructure 1	3
10-150-144 Ethical Hacking	3
10-150-146 Wireless Networking	2
10-150-155 Linux Essentials - Just Enough Linux	1
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
10-150-147 Linux	2
10-150-111 Scripting with Python	3
10-150-104 Virtual Infrastructure	3
10-150-145 IP (Internet Protocol) Telephony	2
10-150-160 Network Security	3
10-150-163 Network Specialist Capstone	2

**General Studies (15 Credits)**

10-801-195 Written Communication	3
10-804-133 Math & Logic	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

**Suggested Electives (2 Credits)**

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

**Network Systems Administration** 10-150-5

Associate Degree • 63 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 Administrator
Network Analyst	Unix/Linux System Administrator
Windows System Administrator	

**Technical Studies (46 Credits)**

	Credits
10-150-156 Windows Server	3
10-150-162 Network Essentials	2
10-890-100 College Success: On Course	1
10-154-111 Device Repair and Maintenance	3
10-154-110 Enterprise Client	3
10-150-105 Virtualization Technologies	3
10-150-141 Operating Systems Security	2
10-150-144 Ethical Hacking	3
10-150-155 Linux Essentials - Just Enough Linux	1
10-150-161 Information Assurance	2
10-150-111 Scripting with Python	3
10-107-110 IT Professional Skills	2
10-150-116 Network Infrastructure 1	3
10-150-127 IT Project Management	2
10-150-147 Linux	2
10-150-159 Server Applications	3
10-150-104 Virtual Infrastructure	3
10-150-148 Linux Administration	3
10-150-164 System Administration Capstone	2

**General Studies (15 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
10-809-199 Psychology of Human Relations	3

**Suggested Electives (2 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 • 61 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	Application Tester
Computer Programmer/Analyst	Database Administrator
Information Systems Analyst	

**Technical Studies (43 Credits)**

	Credits
10-152-111 C# Introduction to Programming	3
10-152-168 Data Access for Programmers	3
10-152-101 HTML 5	3
10-890-100 College Success: On Course	1
10-152-114 Computer Programming C++	3
10-152-116 C# Intermediate Programming	3
10-152-121 PHP	3
10-152-133 JavaScript/jQuery	3
10-152-170 Data Administration Techniques	3
10-107-158 Systems Analysis	3
10-152-125 ASP.Net	3
10-152-180 Introduction to Mobile Development	3
10-152-108 Advanced Software Development	3
10-152-126 Agile Development	3
10-152-182 Android Programming	3

**General Studies (15 Credits)**

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

**Suggested Electives (3 Credits)**

10-152-165 Oracle Database Administration	3
10-152-181 iOS Programming	3
10-152-154 COBOL	3
10-152-169 Advanced Database Design	3



**Web Design** 31-152-2  
 Technical Diploma\* • 28 Credits • Financial Aid Eligible • 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 (25 Credits)	Credits
10-152-100 Introduction to Web Design	3
10-152-105 Web Graphics, Introduction to	3
10-152-111 C# Introduction to Programming	3
10-890-100 College Success: On Course	1
10-152-101 HTML 5	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
<b>Occupational Supportive (3 Credits)</b>	
10-801-195 Written Communication	3

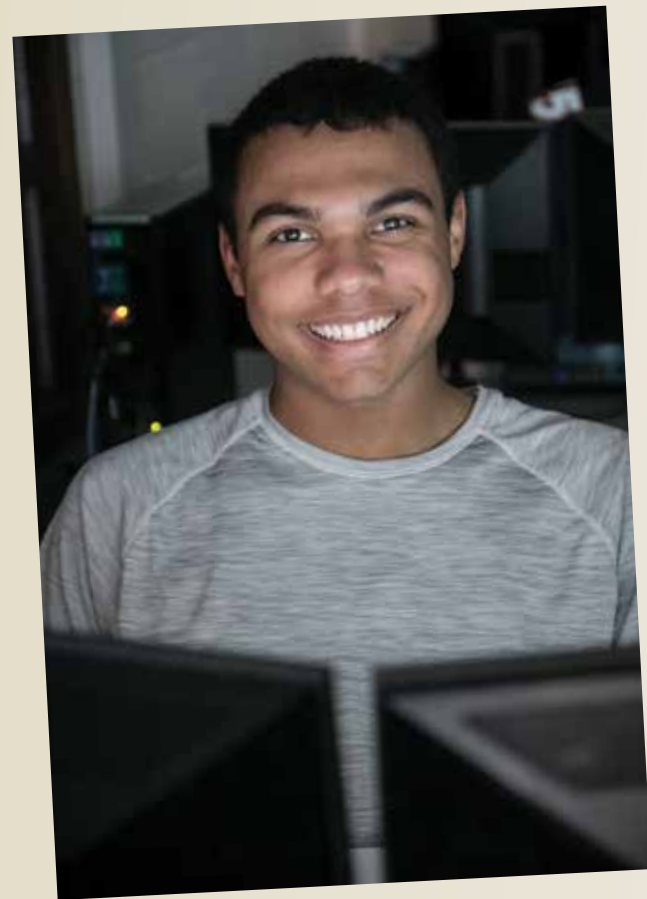
**Web Development & Design Specialist** 10-152-2  
 Associate Degree • 60 Credits • Financial Aid Eligible • Appleton

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 HTML 5, cascading style sheets (CSS), JavaScript, PHP and ASP.NET. 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 (42 Credits)	Credits
10-152-100 Introduction to Web Design	3
10-152-105 Web Graphics, Introduction to	3
10-152-111 C# Introduction to Programming	3
10-890-100 College Success: On Course	1
10-152-101 HTML 5	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
10-150-144 Ethical Hacking	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
<b>General Studies (15 Credits)</b>	
10-801-195 Written Communication	3
10-801-196 Oral/Interpersonal Comm	3
10-804-133 Math & Logic	3
10-809-166 Intro to Ethics: Theory & App	3
10-809-199 Psychology of Human Relations	3
<b>Suggested Electives (3 Credits)</b>	
10-152-110 Java Applications Programming	3
10-152-116 C# Intermediate Programming	3
10-107-113 Information Technology Internship 1	1
10-107-114 Information Technology Internship 2	2



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

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
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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)	Credits
10-499-039 Journeyworker-Advanced Standing	39
<b>General Studies (21 Credits)</b>	
<i>Select a total of 3 credits from these options:</i>	
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
<i>Select a total of 6 credits from these options:</i>	
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
10-809-195 Economics	3
<i>Select a total of 3 credits from these options:</i>	
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
<i>Select a total of 3 credits from these options:</i>	
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
<i>Select a total of 6 credits from these options:</i>	
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, Online

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

<b>Technical Studies (40 Credits)</b>		<b>Credits</b>
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
10-623-107	IE/ME-Work Measurement	3
10-623-197	Advanced Statistical Tools for Six Sigma	3
10-623-156	Manufacturing Cost Analysis	3
<b>General Studies (15 Credits)</b>		
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
<b>Suggested Electives (5 Credits)</b>		
10-606-114	AutoCAD, Introduction to	1
10-801-197	Technical Reporting	3
10-623-102	Engineering Internship - 2 Cr	2

**Process Technician NEW** 30-623-7  
 Technical Diploma • 20 Credits • Financial Aid Pending • Appleton, Online

Become a highly skilled industrial technician with up-to-date knowledge of tools, machines, language and regulations as they apply to manufacturing. Your training will cover topics like facility planning, material handling, work measurement and engineering economics.

**Career Opportunities**

Process Technician	Production Assistant
Industrial Engineering Technician	

<b>Occupational Specific (14 Credits)</b>		<b>Credits</b>
10-623-103	IE/ME Production Engineering	3
10-623-106	Interpretation of Engineering Drawings	2
10-804-107	College Mathematics	3
10-623-107	IE/ME-Work Measurement	3
10-623-148	Manufacturing Processes	3
<b>Occupational Supportive (6 Credits)</b>		
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3

*Want to continue your education beyond an associate degree?  
 See page 17 for more information.*

# 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

<b>Occupational Specific (52 Credits)</b>		<b>Credits</b>
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
10-442-120	Related Welding	1
32-420-314	Manufacturing Techniques, Cold	1
32-420-339	Grinding Processes 1	3
32-420-354	Introduction to Numerical Control - MTO	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
<b>Occupational Supportive (9 Credits)</b>		
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

**Welding Technology, Industrial** 10-621-1  
 Associate Degree • 63 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	

<b>Technical Studies (45 Credits)</b>		<b>Credits</b>
10-442-123	GMAW Techniques 1	2
10-442-124	GMAW Techniques 2	2
10-442-125	FCAW Techniques	2
10-442-126	GTAW Techniques	2
10-442-127	Robotic Arc Welding, Basic	2
10-621-105	Welding/Metal Fab Intro & Safety	1
10-621-108	Weld Print Reading	1
10-621-114	Weld Symbols	1
10-442-121	SMAW Techniques 1	2
10-442-128	Pipe Welding Techniques	2
10-457-131	Manufacturing Enterprises for Fabrication	3
10-457-160	Manufacturing Processes	2
10-457-161	Cutting Processes	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
<b>General Studies (18 Credits)</b>		
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
10-809-103	Think Critically & Creatively	3
10-809-199	Psychology of Human Relations	3

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

Erin W.,  
 Alumna, Machine Tool Technician

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



**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'll 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
10-442-123 GMAW Techniques 1	2
10-442-124 GMAW Techniques 2	2
10-442-125 FCAW Techniques	2
10-442-126 GTAW Techniques	2
10-442-127 Robotic Arc Welding, Basic	2
10-621-105 Welding/Metal Fab Intro & Safety	1
10-621-108 Weld Print Reading	1
10-621-114 Weld Symbols	1

**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 (45 Credits)**

	Credits
10-442-123 GMAW Techniques 1	2
10-442-124 GMAW Techniques 2	2
10-442-125 FCAW Techniques	2
10-442-126 GTAW Techniques	2
10-442-127 Robotic Arc Welding, Basic	2
10-621-105 Welding/Metal Fab Intro & Safety	1
10-621-108 Weld Print Reading	1
10-621-114 Weld Symbols	1
10-442-121 SMAW Techniques 1	2
10-442-128 Pipe Welding Techniques	2
10-457-131 Manufacturing Enterprises for Fabrication	3
10-457-160 Manufacturing Processes	2
10-457-161 Cutting Processes	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

**Occupational Supportive (9 Credits)**

10-804-107 College Mathematics	3
10-806-139 Survey of Physics	3
10-809-103 Think Critically & Creatively	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
10-442-123 GMAW Techniques 1	2
10-442-124 GMAW Techniques 2	2
10-442-125 FCAW Techniques	2
10-442-126 GTAW Techniques	2
10-442-127 Robotic Arc Welding, Basic	2
10-621-105 Welding/Metal Fab Intro & Safety	1
10-621-108 Weld Print Reading	1
10-621-114 Weld Symbols	1
10-442-121 SMAW Techniques 1	2
10-442-128 Pipe Welding Techniques	2
10-457-131 Manufacturing Enterprises for Fabrication	3
10-457-160 Manufacturing Processes	2
10-457-161 Cutting Processes	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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**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**

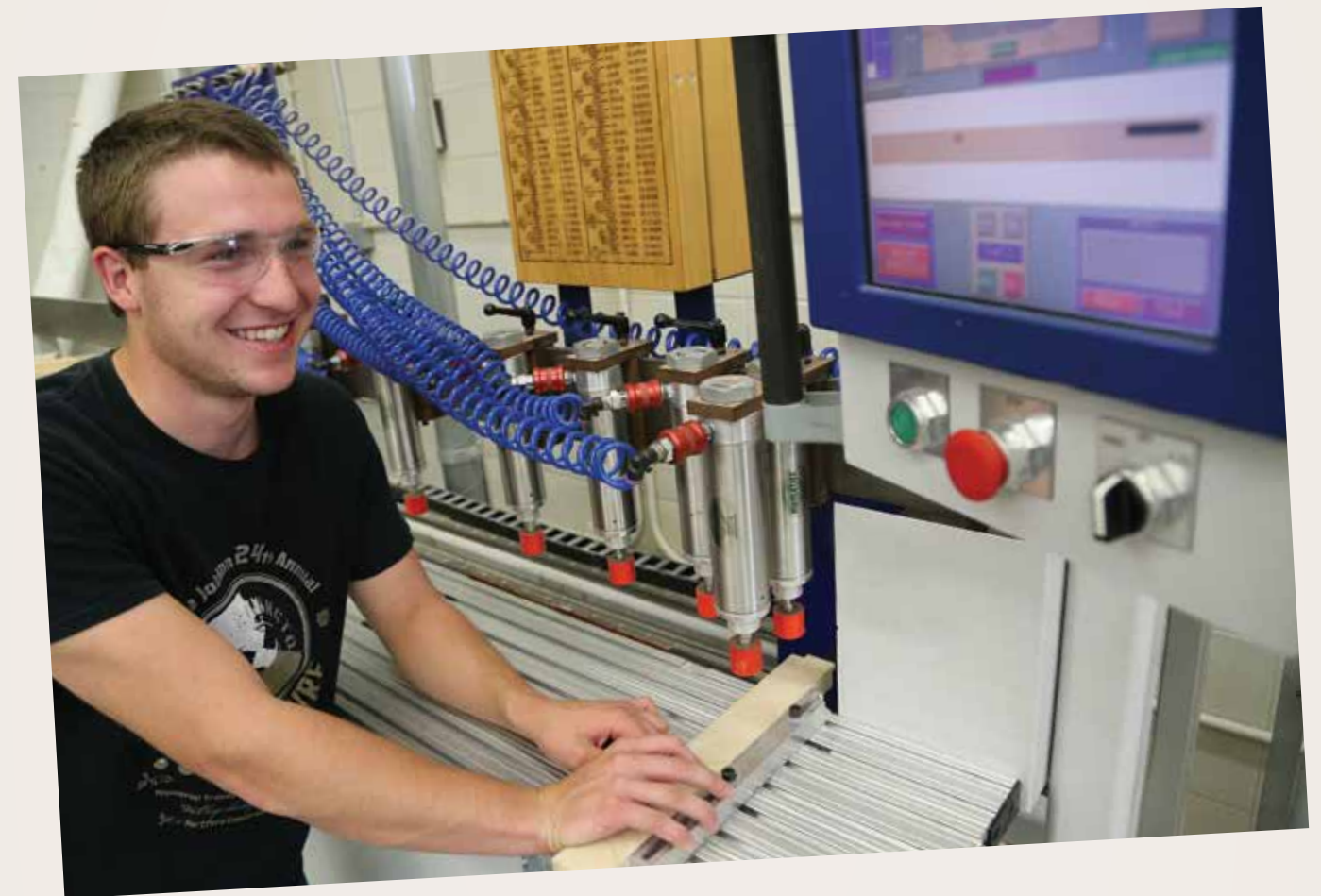
Aircraft/Yacht Interior Fabricator	Assistant Project Manager
Cabinet Maker	Custom Cabinet Builder
Furniture Maker	Millwork Fabricator
Architectural Millworker	CNC Router Operator
Molder Operator	Knife Grinder
Woodworker	

**Occupational Specific (33 Credits)**

	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



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



# 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** 31-104-5  
Technical Diploma\* • 26 Credits • Financial Aid Eligible  
Appleton, Online, Oshkosh

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.

### Career Opportunities

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

### Occupational Specific (20 Credits)

	Credits	
10-103-109	Technology Tools for Marketing	2
10-104-151	Marketing 1, Principles of	3
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

### Occupational Supportive (6 Credits)

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

**Marketing** 10-104-3  
Associate Degree • 63 Credits • Financial Aid Eligible  
Appleton, Clintonville, 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, digital and social media, as well as integrated marketing communications. 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 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 (42 Credits)

	Credits	
10-102-112	Business, Introduction to	3
10-103-109	Technology Tools for Marketing	2
10-104-151	Marketing 1, Principles of	3
10-104-117	Sales Principles	3
10-101-107	Accounting, Principles of	3
10-104-100	Digital Marketing	3
10-104-103	Integrated Marketing Communications	3
10-104-118	Professional Sales	2
10-104-101	Marketing Analytics	3
10-104-108	Social Media Marketing Strategy	3
10-104-119	Sales Strategy	2
10-106-199	Business Career Planning	1
10-699-105	Writing Content for the Web	3
10-102-103	Business Law 1	3
10-104-104	Marketing Plan Development	3
10-104-126	Marketing Internship	2

### 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
10-809-198	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 [fvtc.edu/GainfulEmployment](http://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)

Course Number	Course Name	Credits
10-531-169	Emergency Medical Technician - Basic	5

**Emergency Medical Technician – Paramedic** 31-531-1  
Technical Diploma\* • 41 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, and qualify for Wisconsin licensure.

#### Career Opportunities

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

Occupational Specific (41 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
10-806-189	Basic Anatomy	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)

Course Number	Course Name	Credits
10-503-135	Firefighter Functional 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, 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 for a career in many of the criminal justice related fields.

#### Career Opportunities

Probation and Parole Officer Corrections Officer  
Deputy Sheriff DNR Warden  
Police Officer Public Safety Dispatcher

#### Technical Studies (39 Credits)

Course Number	Course Name	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)

10-504-181	Public Safety Fitness & Wellness	3
10-141-115	Spanish 1 Law Enforcement	3
10-504-103	Cultural Diversity In Criminal Justice	3

\*View Gainful Employment at [fvtc.edu/GainfulEmployment](http://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
30-504-321 Practical Assessments (Scenarios)	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 • 61 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 (35 Credits)**

	Credits
10-504-110 Introduction to Forensic Science	3
10-504-168 Property/Evidence Management	2
10-504-131 Basic Crime Scene Photography	3
10-504-146 Impression Evidence	3
10-504-208 Criminal Procedures	3
10-504-122 Biological & Trace Evidence	3
10-504-159 Crash Scene Investigation	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 I	3
10-804-113 College Technical Math 1A	3
10-809-103 Think Critically & Creatively	3
10-804-189 Introductory Statistics	3
10-806-114 General Biology	4
10-801-197 Technical Reporting	3
10-806-134 General Chemistry	4
10-809-198 Intro to Psychology	3

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

Sheriff,  
Waushara County



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

**Security & Asset Protection**

10-504-3

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton

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'll be ready for employment in a body shop, auto dealer shop, paint company or insurance company, among others. You'll learn how to repair dents in vehicle bodies and will also repair plastic parts on vehicles. Your training includes the replacement of bolted-on parts such as doors, fenders and trunk lids. You'll 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
10-405-146	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
10-405-120	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
10-405-119	Industry Trends Vehicle Repair	1
10-405-122	Collision-Drive Systems	2
10-405-129	Collision Steering & Suspension Systems	3
10-405-179	Collision Electrical & Diagnostics	1
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 & Light Repair Technician **NEW**

30-602-3

Technical Diploma • 16 Credits • Not Financial Aid Eligible • Appleton

Gain the necessary skills for a high-demand, maintenance-centered automotive career. With this technical diploma, you'll receive hands-on training in braking systems, automotive electrical systems, and steering and suspension systems, plus you'll also earn a Quick Service Technician certificate. The skills you learn in this program have a strong emphasis on being a professional in the automotive work environment and prepare you to complete the ASE G1 test.

#### Career Opportunities

Automotive Maintenance Technician	Service Technician
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#### Occupational Specific (16 Credits)

	Credits	
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

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



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

### Automotive Technician

32-404-2

Technical Diploma\* • 55 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 (49 Credits)

	Credits	
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\* • 55 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 (49 Credits)

	Credits	
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

#### 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 • 64 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 (49 Credits)		Credits
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 • 64 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 (49 Credits)		Credits
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 • 61 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 (42 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
10-806-173	Applied Science for Transportation	1
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
10-602-135	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
10-602-167	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)**

10-602-106	Automotive Internship	2
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
10-405-120	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
10-405-119	Industry Trends Vehicle Repair	1
10-405-122	Collision-Drive Systems	2
10-405-129	Collision Steering & Suspension Systems	3
10-405-179	Collision Electrical & Diagnostics	1
10-405-192	Collision Repair Structural 2	3
10-405-193	Collision Repair Structural 3	2

**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

10-412-101	Introduction to Diesel Technology	4
10-412-128	Service Management	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
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
10-442-120	Related Welding	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	1
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
10-442-120	Related Welding	1
10-412-117	Diesel Hydraulic/Pneumatic Systems	2
10-412-135	Diesel Heating Ventilation & Air Conditioning	3
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

### 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

Want to continue your education beyond an associate degree?

See page 17 for more information.

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

**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	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
10-412-154	FABTECH Electrical Power Generation 1	5
10-412-155	FABTECH Electrical Power Generation 2	4
10-609-170	Ladder Logic and Control Devices	1
10-660-114	AC Circuits 1	1
Occupational Supportive (5 Credits)		
10-804-113	College Technical Math 1A	3
31-801-318F	FABTECH Applied Communication	2

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

**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'll 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'll develop backing and driving skills through classroom, lab, range and roadway experiences. You'll also cover communications with fellow drivers, dispatchers, shippers, mechanics and law enforcement personnel. In addition, you'll learn how to complete the necessary paperwork and appropriate inspections. You'll 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.

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

Manager,  
 Human Resources,  
 Plexus Corp.



**"The financial support is wonderful,  
and I like the way the classes  
are structured."**

**Dorea L., Student,  
Occupational Therapy Assistant**



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1-800-735-FVTC (3882)



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**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**  
 556 S. Cambridge St.  
 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

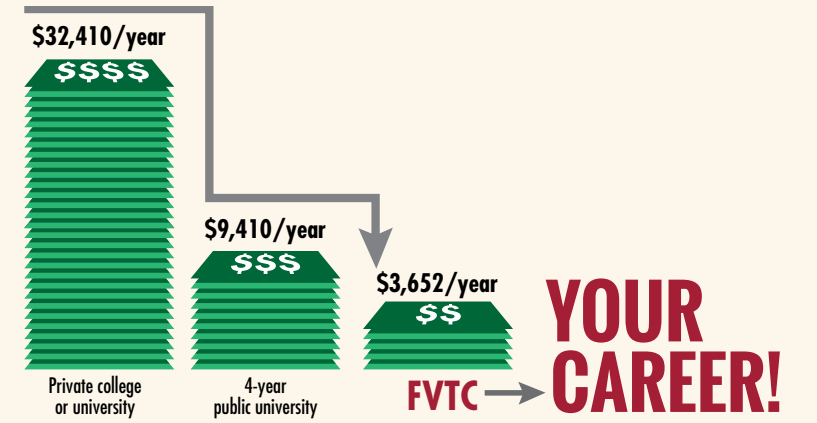


# Get a Degree or Diploma from FVTC

## Small Cost • Big Career

### TUITION

Compare Fox Valley Technical College tuition with four-year public or private colleges and universities.\*



### WHY FVTC?

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

**95%** Graduate **Employment Rate**

### SALARY

**/// \$39,192 ///**  
 AVERAGE STARTING SALARY  
 Of A 2017 Graduate



**/// \$52,095 ///**  
 AVERAGE CURRENT SALARY  
 Of A 2012 Graduate

\*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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TECHNICAL COLLEGE®  
*Knowledge That Works*

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# Accredited & Affordable

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

- The most efficient and affordable option for higher education in the Fox Valley.
- FVTC instructors have real-world work experience.
- High graduate employment rate of 95%.
- Accredited by The Higher Learning Commission since 1974.
- We've been in your community for 100 years. Our reputation is solid and we're focused on the future!



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