



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

# Earn a College Degree

## Admissions Guide & Catalog



2023-2024

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



# Our Grads Get Jobs!

## Graduate employment rate of 93%

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

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

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



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# Why do employers hire our grads?



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



## **Adapt to Change**

Anticipate changes and positively respond to them.



## **Think Critically and Creatively**

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



## **Work Collaboratively**

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



## **Communicate Effectively and Respectfully**

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



## **Act Responsibly**

Apply ethical standards in both personal and professional behavior.



View our graduate  
employment survey  
results:

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

**Fox Valley Technical College's 93% 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?

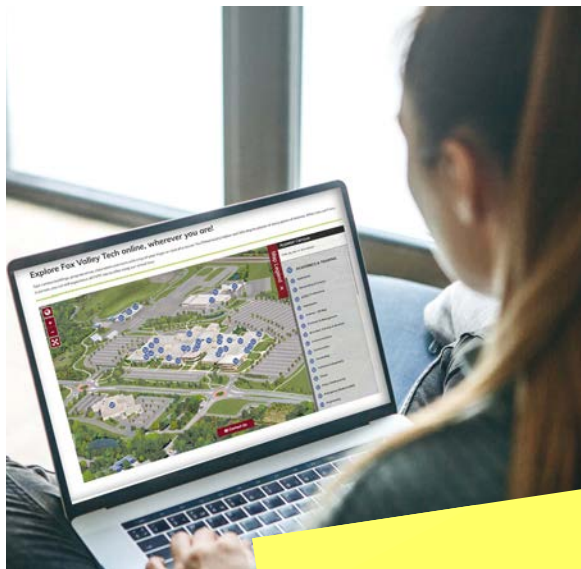
## You should consider attending Fox Valley Technical College if:

- 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 93%**. Two out of three of the fastest growing occupations require a technical college education.
- You want to **follow your dream**, not someone else's.

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

 You're not just a number at Fox Valley Technical College; you're part of a family. That's the Fox Valley Tech difference. [www.fvtc.edu/FVTCdifference](http://www.fvtc.edu/FVTCdifference)





Learn more about ways to visit:  
[www.fvtc.edu/Visit](http://www.fvtc.edu/Visit)

## Visit Us

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. If you'd prefer a tour from the comfort of your home, that option is available too.

- Schedule an in-person visit and get a close-up look at a specific program area.
- Take a guided or self-guided virtual tour. Check out a variety of different programs without having to travel.
- Sign up for in-person and online events that will help you explore all Fox Valley Tech has to offer.

## Not sure where to begin?

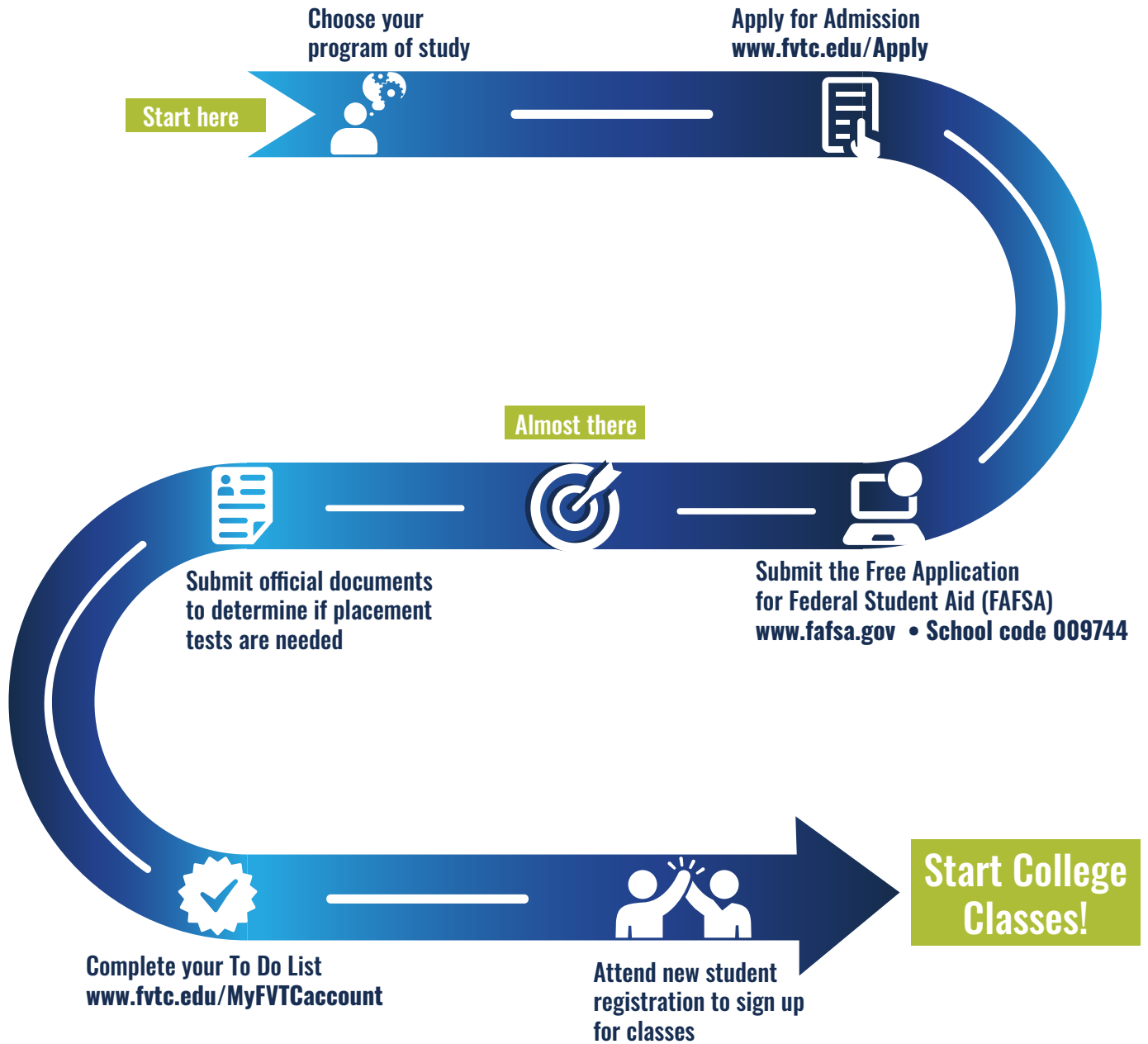
Choosing a college can be exciting and overwhelming. Make sure you have the information you need by asking the right questions. Here are a few to get you started:

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

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

# Let's Get Started...

Apply Now – It's Easy!



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

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

\* If placement tests are needed visit: [www.fvtc.edu/SkillsAssessment](http://www.fvtc.edu/SkillsAssessment)



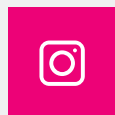
# Connect with Fox Valley Tech



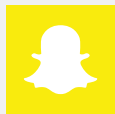
**Like.** [facebook.com/FoxValleyTech](https://facebook.com/FoxValleyTech)



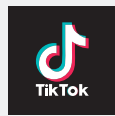
**Tweet.** [@FoxValleyTech](https://twitter.com/FoxValleyTech)



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



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



**View.** [@foxvalleytech](https://www.tiktok.com/@foxvalleytech)



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



## Get the Credit You've Earned

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, just 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.

## Military Training Credit

Earn college credit for military training and experience. Fox Valley Tech accepts a variety of Army, Navy, Marines, Coast Guard or Air Force training and experience as credits toward your college degree.

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



## 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.

## 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 with educational planning and course selection.

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

## 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

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

The bookstore at Fox Valley Technical College offers textbook purchases, textbook rental, and even e-books and other digital learning tools.

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



Take a closer look at what  
FVTC has to offer you:  
[www.fvtc.edu/CloserLook](http://www.fvtc.edu/CloserLook)

## 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 on the Appleton Campus. Both the Appleton and Oshkosh Riverside campuses offer a variety of vending machine options so you can grab a quick snack or beverage.

## Fitness Center

The Appleton campus offers free access to a Fitness Center that features a variety of exercise equipment, 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.

## 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:

- Job search
- Individual employment advising
- Employment events and job fairs
- On-campus employer interviews

Complete list of contact information on page 87.



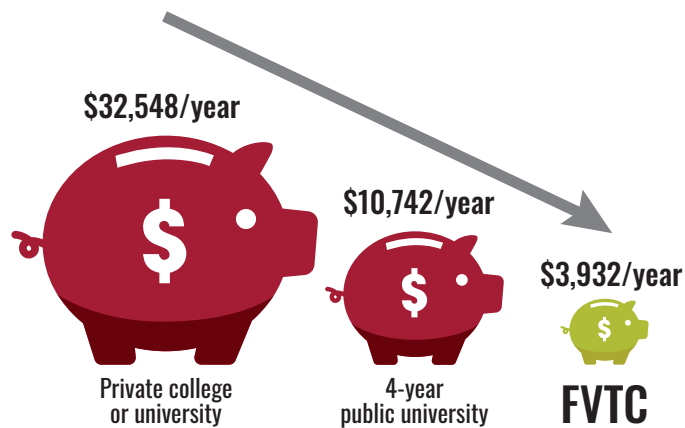
## Tuition

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. If you have available financial aid, those funds may be used for qualifying books, supplies and equipment.

## Payment Options

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



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

### Estimate Your Program Cost

\$163.85 per credit\*  
 x \_\_\_\_\_ Credits in your program  
 \$ \_\_\_\_\_ Total tuition  
 + \_\_\_\_\_ Books, supplies & equipment  
 \$ \_\_\_\_\_ Total program cost

\*Based on 2023-2024 tuition rates.  
 Some programs have additional fees that will increase the cost per credit.  
 Out-of-state residents add \$73.10 per credit.  
 Tuition rates are subject to change.



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

## Financial Aid

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

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

To be eligible for financial aid, you must:

- Have financial need
- Apply and be admitted to an eligible academic program
- Be enrolled in courses and maintain adequate credit status
- Be a U.S. citizen or an eligible non-citizen (permanent resident)
- 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
- Not have a drug offense conviction while receiving financial aid

### How to apply

To be considered for aid, complete the Free Application for Federal Student Aid (FAFSA) online at [www.fafsa.gov](http://www.fafsa.gov). Instant online help is available if you need assistance. Please note that you must be admitted to the college before your financial aid application will be processed.

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

## Scholarships

The FVTC Foundation awards over 1000 scholarships each year. Scholarships are funded by private donors, including individuals, organizations and businesses. Best of all, scholarships do not have to be repaid. Students in most associate degree, technical diploma and apprenticeship programs are eligible and encouraged to apply.



**You'll need this:**

FVTC Title IV School Code 009744

Find helpful information  
about paying for college:

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

Also, check out our  
extensive list  
of scholarship opportunities:

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



## Student Life

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 30 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 musicians, nationally known speakers and leadership seminars. Plus there is a wide range of events like our annual Fall Kick Off.

## 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.





## Get involved in student life activities at Fox Valley Tech.

There are tons of fun opportunities to build your confidence, leadership and teamwork skills at both the Appleton and Oshkosh campuses.



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



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 Bahamas, Ireland, Germany 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: French, German, Italian, Japanese and Spanish.

### Intensive English Language Program

Interested in pursuing a college degree program or professional advancement? Intensive English classes and certificates will help you develop the English Language skills to accomplish your goals.



### International Student Exchange Club

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

More information on international opportunities:  
[www.fvtc.edu/Global](http://www.fvtc.edu/Global)





## 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.

### 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.

## 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.

### Virtual Classroom

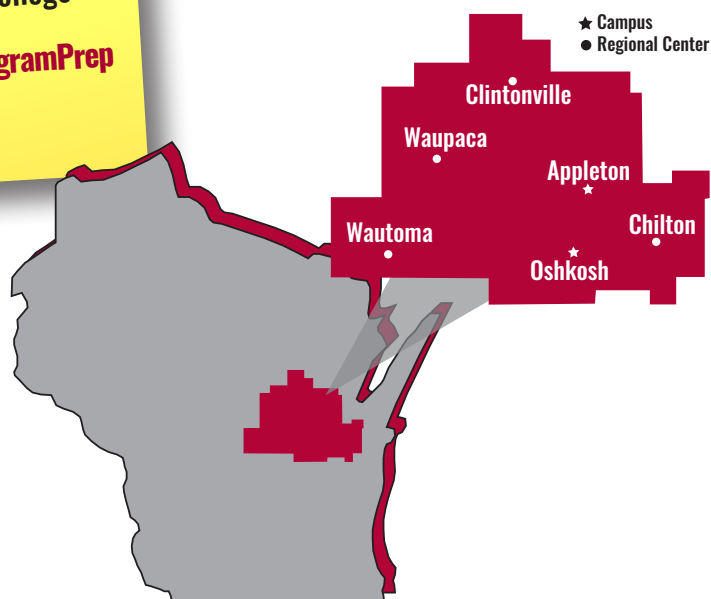
Virtual Classroom is a live, scheduled online class from your preferred location. Talk with and see your instructor and fellow students in an engaging online environment. It's like being in the classroom, without the travel time.

More information on preparing for college:

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

More information on flexible learning options:

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



## Credit Transfer to a Four-Year College

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

### University Transfer Degrees

Get started on your college education with a University Transfer degree. These degrees are perfect for anyone who:

- Is still exploring career options but wants to get started.
- Would like to stay close to home.
- Is looking for affordable education.

Begin with your first two years at Fox Valley Tech, then transfer as a junior to one of our four-year university partners. Same classes, same credits, all at a fraction of the cost.

### Questions to Ask Four-Year Colleges

Here are some questions you may want to ask four-year college representatives:

- How many credits from my FVTC associate degree will your college accept in transfer?
- What grades do I need to earn in my classes to get credit at your college?
- What is the minimum GPA I need to maintain to get into your college?
- Are there courses outside my program plan that I could take at FVTC to increase credit transfer at your college?
- Do you offer evening, weekend and/or online classes?
- What is your per-credit tuition rate?
- What type of financial assistance will be available to me?



For the latest information on credit transfer options with four-year colleges:

[www.fvtc.edu/4YearCreditTransfer](http://www.fvtc.edu/4YearCreditTransfer)



# World Class Technology

Rapidly changing technology connects us now more than ever. It makes our world smaller yet more complex, and offers students the tools to succeed in today's job market.

Fox Valley Technical College helps you succeed in today's ever-changing world. As industry and technology change, our employer partnerships become even more valuable to students.

In every corner of our campus, from robotics to human patient simulators, learning labs are at work preparing you for the real world.

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



## Associate Degree & Technical Diploma Programs

**Associate of Arts (AA)** degree programs will prepare you to transfer to a four-year college. By completing an AA degree, you will generally satisfy the first two years of general education requirements for various majors in four-year colleges and universities and obtain an educational foundation in languages, humanities and the social sciences.

**Associate of Science (AS)** degree programs will prepare you to transfer to a four-year college. By completing an AS degree, you will generally satisfy the first two years of general education requirements for various majors in four-year colleges and universities and obtain an educational foundation in sciences and mathematics.

**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

**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

For certificate programs, see pages 20-21.

▲ Shared with another technical college

### Agriculture, Horticulture & Natural Resources (Pages 22-30)

#### AGRICULTURE

Agribusiness Agronomy Technician (TD)  
 Agribusiness Dairy Technician (TD)  
 Agribusiness Management Technician (TD)  
 Agribusiness Science & Technology -  
     Agronomy (AAS)  
 Agribusiness Science & Technology -  
     Animal Science (AAS)  
 Agribusiness/Science Technology (AAS)  
 Agriculture Equipment Service Technician (TD)  
 Agriculture Power Equipment (AAS)  
 Dairy Automation (TD) **NEW**  
 Farm Business & Production Management (TD)  
 Farm Operation (TD)  
 Precision Agriculture Technician (TD)  
 Veterinary Technician (AAS)

#### HORTICULTURE

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

#### NATURAL RESOURCES

Natural Resources Technician (AAS)  
 Wildland Fire Crew (TD)  
 Wildland Firefighter (AAS)

#### OUTDOOR POWER

Outdoor Power Equipment Technician (TD)

### Aviation (Pages 31-32)

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

### Business, Management & Finance (Pages 33-40)

#### ACCOUNTING & FINANCE

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

#### ADMINISTRATIVE PROFESSIONALS

Administrative Professional (AAS)  
 Office Assistant (TD)  
 Receptionist (TD)  
 Virtual Assistant (TD)

#### BUSINESS & MANAGEMENT

Business Analyst (AAS)  
 Business Management (AAS)\*  
 Business Operations (TD)  
 Digital Court Reporter (TD)  
 Human Resources (AAS)\*  
 Legal Studies/Paralegal (AAS)  
 Management Development (AAS)\*  
 Project Specialist (TD) **NEW**  
 Small Business Entrepreneurship (AAS)  
 Supply Chain Management (AAS)

#### COMMUNICATIONS

Communications, Professional (AAS)

### Construction (Pages 41-42)

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

### Culinary & Hospitality (Pages 43-45)

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

### Education & Human Services (Pages 46-50)

#### COUNSELING & MENTAL HEALTH SERVICES

Human Services (AAS) ▲  
 Human Services Assistant (TD) ▲  
 Substance Use Disorder Counseling (AAS)

#### EARLY CHILDHOOD & K12 EDUCATION

Assistant Teacher (TD)  
 Career and Technical Education  
     Instruction (AAS)  
 Early Childhood Education (AAS)\*  
 Early Childhood Teacher (TD)  
 Family & Consumer Sciences Education  
     Instruction (AAS) **NEW**

Foundations of Teacher Education (AAS)

#### SERVICE CAREERS

Aesthetics - Basic (TD)  
 Cosmetology (TD)  
 Funeral Services (AAS) ▲  
 Master Aesthetics (AAS) **NEW**  
 Therapeutic Massage (TD)

## Engineering Technologies (Pages 51-56)

### 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)

### MECHANICAL DESIGN

Mechanical CAD Drafting (TD)

Mechanical Design Technology (AAS)

### SAFETY, ENERGY & ENVIRONMENTAL

Safety Engineering Technology (AAS)

Wind Energy Technology (AAS) ▲

## Health Science (Pages 57-63)

Dental Assistant (TD)

Dental Hygienist (AAS)

Health Information Technology (AAS)

Medical Assistant (TD)

Medical Coding Specialist (TD)

Medical Laboratory Technician (AAS)

Neurodiagnostic Technologist (AAS)

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)

Surgical Technology (AAS)

Therapeutic Activity Specialist (TD)

## Information Technology (Pages 64-68)

### NETWORK/COMPUTER SUPPORT

Computer Support Specialist (AAS)

Cybersecurity Specialist (AAS)

Help Desk Support Specialist (TD)

Network Specialist (AAS)

Network Systems Administration (AAS)

### SOFTWARE DEVELOPMENT/WEB

Data & Analytics Specialist (AAS)

Software Developer (AAS)

Web Design (TD)

Web Development & Design Specialist (AAS)

## Manufacturing (Pages 69-73)

### INDUSTRIAL MAINTENANCE

Industrial Maintenance Mechanic (TD)

Technical Studies-Journeyworker (AAS)

### MANUFACTURING OPERATIONS

Industrial Engineering Technology (AAS)

Process Technician (TD)

### METAL MACHINING, FABRICATION & WELDING

Machine Tool Technician -

Precision Machinist (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 74-75)

### INTERIOR DESIGN

Interior Design (AAS)

Interior Design - Kitchen & Bath Design (AAS)

Kitchen & Bath Design Assistant (TD) **NEW**

### MARKETING

Digital Marketing (TD)

Marketing (AAS)

### SALES & SERVICE

Sales Specialist (TD)

## Public Safety (Pages 76-79)

### EMERGENCY MEDICAL SERVICES (EMS)

Emergency Medical Technician (TD)

Emergency Medical Technician -

Paramedic (TD)

### FIRE PROTECTION

Fire Protection Technician (AAS)

### LAW ENFORCEMENT

Asset Protection (AAS)

Criminal Justice (AAS)

Criminal Justice-Law Enforcement

720 Academy (TD)

Forensic Science (AAS)

## Transportation (Pages 80-85)

### AUTOMOTIVE

Auto Collision Repair & Refinishing  
Technician (TD)

Automotive and Light Duty Truck  
Technician (TD)

Automotive Maintenance & Light Repair  
Technician (TD)

Automotive Technician - Imports (TD)

Automotive Technology (AAS)

Automotive Technology - Imports (AAS)

Automotive Technology GM ASEP (AAS)

GM Express Service Technician (TD)

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 Technician

with CDL (TD) **NEW**

Diesel Equipment Technology (AAS)

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

### TRUCK DRIVING

Truck Driving (TD)

## General, Global & Individualized Studies (Page 86-87)

### GENERAL STUDIES

Associate of Arts - University Transfer (AA) **NEW**

Associate of Science - University  
Transfer (AS) **NEW**

Collegiate Transfer - Associate of Arts w/  
Madison College (AA)

Collegiate Transfer - Associate of Science w/  
Madison College (AS)

### INDIVIDUALIZED STUDIES

Individualized Technical Studies (AAS)

For more information on FVTC's  
programs of study:

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

## Certificate Programs

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

### Agriculture, Horticulture & Natural Resources

#### AGRICULTURE

Agricultural Accounting (C)  
Agricultural Entrepreneurship (C)  
Crop Application Specialist (C)

#### HORTICULTURE

Greenhouse Grower/Plant Propagation Technician (C)  
Horticulture/Landscape Entrepreneur (C) **NEW**  
Landscape Construction Technician (C)  
Landscape Maintenance Technician (C)

#### NATURAL RESOURCES

Forest Management Specialist (C)  
Habitat and Land Use Management Specialist (C)

#### OUTDOOR POWER

Outdoor Power Entrepreneur (C) **NEW**

### Business, Management & Finance

#### ACCOUNTING & FINANCE

Financial Fraud Detection, Fundamentals of (C)

#### ADMINISTRATIVE PROFESSIONALS

Essential Office Skills Training (C)  
Law Enforcement Administrative Professional (C)  
Microsoft Office Suite (C)

#### BUSINESS & MANAGEMENT

Business Essentials (C)  
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)  
Public Relations (C) **NEW**  
Workplace Communication (C)  
Writing for the Web (C)  
Writing, Grant/Proposal (C)

### Construction

Construction Project Coordinator (C)  
Construction Project Supervision (C)  
Construction, Small Business Management (C)  
Pipe Trades Principles (C) **NEW**

### Culinary & Hospitality

Culinary Arts - Advanced (C)  
Hospitality Entrepreneurship (C)  
Meat Processing Specialist (C)

### Education & Human Services

#### COUNSELING & MENTAL HEALTH SERVICES

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)  
Infant and Toddler (C)  
Teacher Aide (C)  
Understanding Autism Spectrum Disorder (C)

#### SERVICE CAREERS

Nail Technician (C)

### Engineering Technologies

#### ELECTRICAL & ELECTRONICS

Electronics Fundamentals (C)

#### MANUFACTURING & AUTOMATION

Automation & Maintenance, Advanced (C)  
Computer Applications in Automation (C)  
Computer Programming in Automation (C)  
Instrumentation & Process Control (C)  
Intro to PLC Control (C)  
PLC Integration (C)

#### SAFETY, ENERGY & ENVIRONMENTAL

Construction Safety (C)  
Environmental Compliance Specialist (C)  
Environmental Health & Safety (C)  
Essentials of Occupational Safety (C)  
Manufacturing Safety (C)

### Health Science

Healthcare Customer Service Representative (C)  
Nursing, Licensed Practical Nurse Refresher (C)  
Nursing, Registered Nurse Refresher (C)  
Phlebotomy (C)

## Manufacturing

### INDUSTRIAL MAINTENANCE

- Controls Maintenance (C)
- Electrical Maintenance (C)
- Industrial Maintenance Foundations (C)
- Mechanical Maintenance (C)

### MANUFACTURING OPERATIONS

- Industrial Engineering (C)
- Lean/Six Sigma Green Belt (C)
- Manufacturing Technician (C) **NEW**
- Production Inspection & Metrology (C)
- Quality, Manufacturing (C)

### METAL MACHINING, FABRICATION & WELDING

- GMAW Welder, Basic (C)
- Welding Fundamentals (C)

### WOOD MANUFACTURING

- Woodworking Technician 1 (C)
- Woodworking Technician 2 (C)

## Marketing, Sales & Service

### INTERIOR DESIGN

- Interior Design Entrepreneurship (C)

## Public Safety

### LAW ENFORCEMENT

- Evidence Technician (C)
- Private Investigation Specialist (C)

## Transportation

### AUTOMOTIVE

- Automotive Quick Service Technician (C)
- Automotive Service Management (C)

### DIESEL

- Diesel Technology Assistant (C)

### TRUCK DRIVING

- CDL Straight Truck (C)

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

## General, Global & Individualized Studies

### GLOBAL STUDIES

- English Language Competency Academic (C)
- English Language Competency Development (C)
- English Language Competency Foundations (C)
- Intercultural Foundations (C)
- Spanish (C)
- Teaching 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)
- Operating Engineer Apprentice (A)
- Plumbing Apprentice (A)
- Steamfitting Apprentice (A)
- Steamfitting Service Apprentice (A)

### Education & Human Services

#### EARLY CHILDHOOD & K12 EDUCATION

- Early Childhood Educator Apprentice (A) **NEW**

#### SERVICE CAREERS

- Barbering Apprenticeship (A) **NEW**
- Cosmetology Apprentice (A)

### Manufacturing

#### INDUSTRIAL MAINTENANCE

- Electrical & Instrumentation Apprentice (A)
- Industrial Electrician Apprentice (A)
- Industrial Manufacturing Technician Apprentice (A)
- Lubrication Technician Apprentice (A)
- Maintenance Mechanic/Millwright Apprentice (A)
- Maintenance Technician Apprentice (A)
- Pipe Fabricator Apprentice (A)
- Pipefitting Apprentice (A)

#### MANUFACTURING OPERATIONS

- Industrial Metrology Technician (A) **NEW**

#### METAL MACHINING, FABRICATION & WELDING

- Machinist Apprentice (A)
- Tool & Die Apprentice (A)

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

# Associate Degree & Technical Diploma Programs

## Agriculture, Horticulture & Natural Resources

### AGRICULTURE

**Agribusiness Agronomy Technician** 31-006-4  
 Technical Diploma • 30 Credits • Financial Aid Eligible • Appleton, Online  
 Time of Day: Day • Full Time and Part Time

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
10-006-143	Introduction to Soils	3
10-006-150	Agronomy Equipment	3
10-006-103	Agricultural Marketing	3
10-006-116	Agribusiness Work Experience	3
10-006-140	Animal Science Fundamentals	3
10-006-141	Crop Science	3
10-006-155	Nutrient Management Principles	3



See the amazing hands-on training in FVTC's Agriculture, Horticulture & Natural Resources programs:  
[www.fvtc.edu/OutdoorVideo](http://www.fvtc.edu/OutdoorVideo)

**Agribusiness Dairy Technician** 31-006-5  
 Technical Diploma • 30 Credits • Financial Aid Eligible • Appleton  
 Time of Day: Day • Full Time and Part Time

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
10-006-113	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
10-006-145	Dairy/Livestock Herd Management	3
10-006-103	Agricultural Marketing	3
10-006-104	Ag Production Systems	3
10-006-114	Dairy/Livestock Ration Balance	3
10-006-116	Agribusiness Work Experience	3
10-006-148	Dairy Genetics and Reproduction	3

**Agribusiness Management Technician** 31-006-6  
 Technical Diploma • 30 Credits • Financial Aid Eligible • Appleton  
 Time of Day: Day • Full Time and Part Time

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 Rep.      Agribusiness Customer Service  
 Agribusiness Dept. Manager              Agribusiness Finance Service Tech.

Occupational Specific (27 Credits)		Credits
10-006-119	Agricultural Crop Production	3
10-006-133	Introduction to Agribusiness	3
10-006-134	Agribusiness Sales	3
10-006-140	Animal Science Fundamentals	3
10-006-117	Agriculture Career Preparation	1
10-006-103	Agricultural Marketing	3
10-006-104	Ag Production Systems	3
10-006-115	Agriculture Internship	2
10-006-151	Agribusiness Management	3
10-809-195	Economics	3
Occupational Supportive (3 Credits)		Credits
10-804-123	Math w Business Apps	3



## Agribusiness Science & Technology - Agronomy

10-006-5

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton

Time of Day: Day • Full Time and Part Time

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

Agricultural Sales                      Crop Applicators  
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
10-006-150	Agronomy Equipment	3
10-006-154	Precision Ag Overview	3
10-006-103	Agricultural Marketing	3
10-006-109	Crop Scouting Training	3
10-006-140	Animal Science Fundamentals	3
10-006-141	Crop Science	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

### General Studies (15 Credits)

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

## Agribusiness Science & Technology - Animal Science

10-006-6

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton

Time of Day: Day • Full Time and Part Time

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                      Animal Health Technician  
Artificial Insemination Technician      Dairy Herdperson  
Feed 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
10-006-145	Dairy/Livestock Herd Management	3
10-006-103	Agricultural Marketing	3
10-006-148	Dairy Genetics and Reproduction	3
10-006-169	Dairy/Livestock Artificial Insemination Records & Management	3
10-006-170	Animal Health	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

### General Studies (15 Credits)

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



 Hear Agribusiness graduate Isabella's experience at Fox Valley Tech: [www.fvtc.edu/Ag18](http://www.fvtc.edu/Ag18)

### Agribusiness/Science Technology 10-006-2

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton  
Time of Day: Day • Full Time and Part Time

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	Agricultural Crop Production	3
10-006-133	Introduction to Agribusiness	3
10-006-140	Animal Science Fundamentals	3
10-006-103	Agricultural Marketing	3
10-006-113	Dairy/Livestock Nutrition	3
10-006-117	Agriculture Career Preparation	1
10-006-134	Agribusiness Sales	3
10-006-104	Ag Production Systems	3
10-006-115	Agriculture Internship	2
10-006-151	Agribusiness Management	3
10-006-155	Nutrient Management Principles	3

Select a total of 3 credits from these options:

10-006-141	Crop Science	3
10-006-102	Integrated Pest Mgmt & Weed Identification	3

Select a total of 3 credits from these options:

10-006-114	Dairy/Livestock Ration Balance	3
10-006-149	Dairy/Livestock Records Management	3

Select a total of 3 credits from these options:

10-006-143	Introduction to Soils	3
10-006-154	Precision Ag Overview	3

Select a total of 3 credits from these options:

10-006-145	Dairy/Livestock Herd Management	3
10-006-148	Dairy Genetics and Reproduction	3

#### General Studies (15 Credits)

10-804-123	Math w Business Apps	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 (3 Credits)

10-006-109	Crop Scouting Training	3
10-006-146	Commercial Vegetable Production	3
10-006-170	Animal Health	3
10-006-169	Dairy/Livestock Artificial Insemination Records & Management	3
10-006-150	Agronomy Equipment	3

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

Technical Diploma • 43 Credits • Financial Aid Eligible • Appleton  
Time of Day: Day • Full Time

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 (40 Credits) Credits

10-070-110	Agriculture Hydraulic Systems	2
10-070-130	Agriculture Forage Harvesting Equipment	3
10-070-131	Ag DC Electrical Systems	3
10-070-103	Intro to Service Maintenance & Principles	3
10-070-104	Safety Principles/Shop Tools	2
10-070-115	Agriculture Air Conditioning	1
10-070-120	Ag Planting Equipment	3
10-070-123	Agriculture Power Transmission	4
10-070-126	Skid Loader/Compact Equipment	3
10-070-132	Advanced Agriculture Hydraulic Systems	3
10-070-118	Ag Diesel Engine Systems	3
10-070-137	Precision Equipment Systems	3
10-070-121	Ag Grain Harvesting	3
10-070-136	AG DC Electronic Systems	3
10-070-139	Agriculture Student Development	1

#### Occupational Supportive (3 Credits)

10-801-195	Written Communication	3
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**Get your  
associate degree and transfer to  
a four-year college  
or university.**

See page 16 for more information.

**"I chose FVTC because of the convenience of it being so close to home. This allowed me to work both before and after classes on the farm."**

**Davie G.  
Farm Operation**



### **Agriculture Power Equipment**

10-070-2

Associate Degree • 61 Credits • Financial Aid Eligible • Appleton

Time of Day: Day • Full Time

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

#### **Technical Studies (43 Credits)**

	<b>Credits</b>
10-070-110 Agriculture Hydraulic Systems	2
10-070-131 Ag DC Electrical Systems	3
10-070-103 Intro to Service Maintenance & Principles	3
10-070-104 Safety Principles/Shop Tools	2
10-070-115 Agriculture Air Conditioning	1
10-070-118 Ag Diesel Engine Systems	3
10-070-120 Ag Planting Equipment	3
10-070-123 Agriculture Power Transmission	4
10-070-126 Skid Loader/Compact Equipment	3
10-070-132 Advanced Agriculture Hydraulic Systems	3
10-070-121 Ag Grain Harvesting	3
10-070-136 AG DC Electronic Systems	3
10-070-130 Agriculture Forage Harvesting Equipment	3
10-070-137 Precision Equipment Systems	3
10-070-102 Ag Equipment Dealership Principles	3
10-070-139 Agriculture Student Development	1

#### **General Studies (15 Credits)**

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

#### **Suggested Electives (3 Credits)**

10-006-134 Agribusiness Sales	3
10-006-150 Agronomy Equipment	3

**Dairy Automation** **NEW** 31-082-1  
 Technical Diploma • 30 Credits • Partially Financial Aid Eligible • Appleton  
 Time of Day: Full Time and Part Time

Technological advances are bringing change to a great number of industries, and the agriculture industry is no exception. The Dairy Automation degree will provide you with the technical skills to support a career in this emerging field. Agriculture businesses need skilled people to install, design, troubleshoot and repair automated systems that integrate multiple technologies. With this degree, you could qualify for those high-tech careers. You'll gain cross-functional, hands-on expertise in agriculture and automation through courses in agriculture, electronics, computers, control systems, programming, robots, fluid power, sensors and more. This program will open doors to a variety of agriculture automation careers.

**Career Opportunities**

Dairy Process Specialist	Field Service Technician
Installation Technician	Operations Technician
Robotic Milking Tech. Support Specialist	Rebuild Technician
Senior Maintenance Technician	Service Technician
Service/Installation Dairy Technician	Tech. Specialist
Tech. & Installation Specialist Parlors	Tech. Specialist AMS
Technical Support Specialist	

**Occupational Specific (24 Credits)**

	Credits
10-006-145 Dairy/Livestock Herd Management	3
10-006-149 Dairy/Livestock Records Management	3
10-628-101 Concepts of Programming for Technicians	1
10-628-151 PLC 1	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
10-660-170 Ladder Logic & Control Devices	1
10-141-155 Spanish Language and Culture for Dairy	3
10-620-111 Pneumatics 1	1
10-620-112 Pneumatics 2	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
10-660-184 Computer Systems & Networks 1	1

**Occupational Supportive (6 Credits)**

10-804-113 College Technical Math 1A	3
10-801-196 Oral/Interpersonal Comm	3

**Farm Business & Production Management** 30-090-1  
 Technical Diploma • 18 Credits • Not Financial Aid Eligible  
 Appleton, Chilton, Clintonville • Time of Day: Day • Part Time

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
30-090-382 Soil Management	3
30-090-383 Crop Management	3
30-090-384 Livestock Nutrition	3
30-090-385 Livestock/Farmstead Equipment Management	3
30-090-386 Farm Records and Business Analysis	3

**Farm Operation** 31-080-4  
 Technical Diploma • 30 Credits • Partially Financial Aid Eligible • Appleton  
 Time of Day: Day • Part Time

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**

Crop Producer	Dairy/Livestock Herd Manager
Farm Manager	Farm Owner
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
10-006-116 Agribusiness Work Experience	3
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>	
10-006-169 Dairy/Livestock Artificial Insemination Records & Management	3
10-006-109 Crop Scouting Training	3

**Want to continue your education beyond an associate degree?**

Most programs offer transfer agreements with four-year colleges and universities. See page 16 for more information.

### Precision Agriculture Technician

31-006-7

Technical Diploma • 30 Credits • Partially Financial Aid Eligible • Appleton  
Time of Day: Day • Full Time and Part Time

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 (30 Credits)		Credits
10-006-117	Agriculture Career Preparation	1
10-006-119	Agricultural Crop Production	3
10-006-146	Commercial Vegetable Production	3
10-006-150	Agronomy Equipment	3
10-006-154	Precision Ag Overview	3
10-006-134	Agribusiness Sales	3
10-006-109	Crop Scouting Training	3
10-006-115	Agriculture Internship	2
10-006-163	GIS Applications	3
10-006-141	Crop Science	3
10-006-159	Precision Agriculture Advanced	3



### Veterinary Technician

10-091-1

Associate Degree • 65 Credits • Financial Aid Eligible • Appleton  
Time of Day: Day • Full Time

If you are passionate about caring for animals, then the Veterinary Technician program might be a good fit for you. This program will prepare you to collect patient history and perform the initial physical exam, place intravenous catheters and administer medications, anesthetize and monitor patients, and assist in surgery for both large and small animals. You'll also gain the skills to perform dental cleanings on dogs and cats, and handle, restrain and care for rats, mice, rabbits and birds. Plus, you'll learn how to apply bandages and splints on both large and small animals, evaluate lab samples under the microscope and accurately document records.

#### Career Opportunities

Certified Veterinary Technician	Veterinary Technician
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Technical Studies (49 Credits)		Credits
10-006-140	Animal Science Fundamentals	3
10-091-131	Veterinary Office Procedures 1	1
10-091-170	Veterinary Medical Terminology	2
10-091-171	Animal Care and Management 1	3
10-006-170	Animal Health	3
10-091-120	Veterinary Clinical Pathology 1	3
10-091-140	Animal Anatomy & Physiology 1	3
10-091-173	Animal Care And Management 2	2
10-091-191	Pharmacology 1-Animals	2
10-091-127	Veterinary Surgical Nursing 1	3
10-091-108	Animal Health 2	2
10-091-123	Lab Animal Science	2
10-091-124	Veterinary Clinical Pathology 2	3
10-091-128	Animal Nursing	2
10-091-132	Veterinary Office Procedures 2	1
10-091-152	Veterinary Surgical Nursing 2	3
10-091-153	Veterinary Diagnostic Imaging 1	2
10-091-110	Pharmacology 2-Animal	2
10-091-114	Internship-Veterinary Technician Program	3
10-091-122	Advanced Topics in Veterinary Medicine	1
10-091-180	Veterinary Technician Clinical Skills	1
10-091-181	Veterinary Diagnostic Imaging 2	2
General Studies (16 Credits)		
10-801-196	Oral/Interpersonal Comm	3
10-806-105	Principles of Animal Biology	4
10-801-195	Written Communication	3
10-809-198	Intro to Psychology	3
10-809-196	Intro to Sociology	3

# HORTICULTURE

## Horticulture Technician

31-001-1

Technical Diploma • 29 Credits • Partially Financial Aid Eligible • Appleton  
Time of Day: Day • Full Time and Part Time

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

### Career Opportunities

Garden Center Consultant	Greenhouse Technician
Grower	Landscape Construction Technician
Landscape Technician	

Occupational Specific (29 Credits)		Credits
10-001-112	Horticulture Soils	3
10-001-158	Woody Ornamental Plant ID	3
10-001-159	Survey of Herbaceous Plants	3
10-001-170	Fall Landscape Maintenance	3
10-001-174	Landscape Design 1	3
10-001-111	Introduction to Horticulture	3
10-001-113	Greenhouse and Turf Pest Management	3
10-001-117	Equipment Operation, Horticulture	2
10-001-123	Landscape Management	3
10-001-145	Landscape Estimating and Technical Reports	3

## Horticulture/Landscape Specialist

32-001-2

Technical Diploma • 57 Credits • Partially Financial Aid Eligible • Appleton  
Time of Day: Day • Full Time and Part Time

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

### Career Opportunities

Assistant Grower	Crew Leader
Foreman	Greenhouse Maintenance & Sales
Nursery Attendant	

Occupational Specific (57 Credits)		Credits
10-001-111	Introduction to Horticulture	3
10-001-112	Horticulture Soils	3
10-001-114	Introduction to Arboriculture	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
10-001-123	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 & Irrigation Systems	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
10-001-122	Interiorscaping	2
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

**Want to continue your education beyond an associate degree?**

Most programs offer transfer agreements with four-year colleges and universities. See page 16 for more information.

# NATURAL RESOURCES

## Natural Resources Technician 10-057-1

Associate Degree • 66 Credits • Financial Aid Eligible • Appleton

Time of Day: Day • Full Time and Part Time

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

### Career Opportunities

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

### Technical Studies (43 Credits) Credits

10-057-109	Ecology	2
10-057-140	Plant Identification	1
10-057-183	Exploring Natural Resources	3
10-057-143	Natural Resources Common Topics	2
10-804-107	College Mathematics	3
10-057-106	Surveying 1	3
10-057-128	Wildlife Mgmt - Nongame and Hunted Species	3
10-057-130	Recreation Facilities Maintenance	3
10-057-132	Forestry 1	3
10-057-134	Soil and Water Conservation	3
10-057-136	Environmental Water Quality	3
10-057-107	Surveying 2	3
10-057-129	Fish Mgmt-Ichthyology, Limnology/Field Pract	3
10-057-142	Natural Resources Co-op Experience	2

Select a total of 6 credits from these options:

10-057-137	Wastewater Management	3
10-057-133	Forestry 2	3
10-057-135	Soil and Water Conservation/Engineering	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)

10-606-114	AutoCAD, Introduction to	1
10-001-117	Equipment Operation, Horticulture	2
10-058-160	Wildfire Intro S130/S190/L180	2
10-058-162	S212 Wildland Fire Chainsaws	1
10-058-188	Wildfire Equipment Operation	2

## Wildland Fire Crew 31-058-1

Technical Diploma • 31 Credits • Financial Aid Eligible • Appleton

Time of Day: Day • Full Time and Part Time

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 with 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  
Time of Day: Day • Full Time and Part Time

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 S211/S131 Pumps/FF1	2
10-058-188 Wildfire Equipment Operation	2
10-503-103 Hazmat Awareness & Operations	2
10-531-105 Emergency Medical Responder with 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
10-057-133 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
10-057-131 Forest Recreation Environmental Education	3
<b>General Studies (19 Credits)</b>	
10-801-195 Written Communication	3
10-804-107 College Mathematics	3
10-801-196 Oral/Interpersonal Comm	3
10-809-198 Intro to Psychology	3
10-809-195 Economics	3
10-806-114 General Biology	4



Visit the "Monster Shop." Get the hands-on technical skills you'll need to service and maintain small internal combustion engines:  
[www.fvtc.edu/OPEvideo](http://www.fvtc.edu/OPEvideo)

## OUTDOOR POWER

### Outdoor Power Equipment Technician

31-461-3

Technical Diploma • 31 Credits • Financial Aid Eligible • Appleton  
Time of Day: Day • Full Time and Part Time

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

### Career Opportunities

Parts Manager	Sales Consultant
Service Technician	Service Writer
Shop Manager	

### Occupational Specific (29 Credits)

	Credits
10-442-120 120 Related Welding	1
31-461-301 Intro to Outdoor Power Equipment	2
10-461-151 OPE Four Stroke Engines	3
10-461-152 OPE Two Stroke Engines	3
10-461-153 OPE DC Electrical & Fuel Mgmt Systems	3
10-461-154 Hydraulics, Drivelines, and Chassis	3
10-461-156 Motorcycle & Moped Service & Repair	3
10-461-157 ATV & UTV Service & Repair	3
10-461-158 Motorcycle & Moped Electrical Diagnostics	3
10-461-159 ATV & UTV Electrical & Diagnostics	3
31-461-302 Outdoor Power Equip. Diesel Engine Systems	2

### Occupational Supportive (2 Credits)

31-801-318 Communication, Applied	2
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# Aviation

## Aeronautics-Pilot Training 10-402-1

Associate Degree • 60 Credits • Financial Aid Eligible • Oshkosh

Time of Day: Day • Full Time and Part Time

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

Aerial Photography/Tour Pilot  
Airline Pilot  
Corporate Pilot  
Law Enforcement Pilot

Agricultural Pilot  
Charter Pilot  
Flight Instructor  
U.S. Forestry or Contractor Pilot

### Technical Studies (43 Credits)

		Credits
10-402-101	Private Pilot-Ground	3
10-402-102	Aviation Weather	3
10-402-113	Private Pilot-Flight 1A	1
10-402-115	Private Pilot-Flight 1B	1
10-402-122	Private Pilot-Flight 2	1
10-402-103	Instrument-Ground	3
10-402-106	Aircraft Systems	3
10-402-116	Instrument Flight 2A	1
10-402-125	Private Pilot-Flight 3	1
10-402-126	Instrument Flight 1	1
10-402-117	Instrument Flight 2B	1
10-402-118	Commercial Flight 1A	1
10-402-104	Commercial-Ground	3
10-402-105	Aerodynamics	3
10-402-119	Commercial Flight 1B	1
10-402-121	Commercial Flight 2A	1
10-402-128	Instrument Flight 3	1
10-402-129	Commercial Flight 2B	1
10-402-184	CFI-Flight 1B	1
10-402-190	CFI-Flight 1A	1
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
10-402-154	Commercial Flight 4	1
10-402-181	Commercial Flight 3A	1
10-402-182	Commercial Flight 3B	1
10-402-187	CFI-Flight 2A	1
10-402-188	CFI-Flight 2B	1
10-402-173	CFI-Flight 3	1

10-402-174	CFI-Flight 4	1
10-402-175	CFI-Flight 5	1
<b>General Studies (17 Credits)</b>		
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 • 33 Credits • Financial Aid Eligible • Oshkosh

Time of Day: Day • Full Time and Part Time

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 and Single-Engine, so you'll have flight experience and certifications for your first professional pilot job. 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 an alternative pathway to our Aeronautics-Pilot Training associate degree to acquire the necessary flight hours you'll need to be eligible for those positions.

### Career Opportunities

Aerial Photography Pilot  
Crop Duster  
Law Enforcement Pilot  
Wildland Fire Pilot

Air Tour Pilot  
DNR Pilot  
Skydiver Pilot

### Occupational Specific (33 Credits)

		Credits
10-402-101	Private Pilot-Ground	3
10-402-102	Aviation Weather	3
10-402-113	Private Pilot-Flight 1A	1
10-402-115	Private Pilot-Flight 1B	1
10-402-122	Private Pilot-Flight 2	1
10-402-103	Instrument-Ground	3
10-402-106	Aircraft Systems	3
10-402-116	Instrument Flight 2A	1
10-402-125	Private Pilot-Flight 3	1
10-402-126	Instrument Flight 1	1
10-402-117	Instrument Flight 2B	1
10-402-118	Commercial Flight 1A	1
10-402-104	Commercial-Ground	3
10-402-105	Aerodynamics	3
10-402-119	Commercial Flight 1B	1
10-402-121	Commercial Flight 2A	1
10-402-128	Instrument Flight 3	1
10-402-129	Commercial Flight 2B	1
10-402-154	Commercial Flight 4	1
10-402-181	Commercial Flight 3A	1
10-402-182	Commercial Flight 3B	1



Get a bird's eye view of FVTC's Aviation programs:  
[www.fvtc.edu/AviationVideo](http://www.fvtc.edu/AviationVideo)

**Aircraft Electronics**

10-486-1

Associate Degree • 64 Credits • Financial Aid Eligible • Oshkosh  
Time of Day: Day • Full Time

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

**Career Opportunities**Avionics Systems Repair Technician      Quality Assurance Technician  
Avionics Systems Installation Technician**Technical Studies (44 Credits)**

		Credits
10-486-100	Aircraft Fundamentals	2
10-486-101	Aviation Records, Regulations & Publications	3
10-486-102	Aircraft Materials & Hardware	2
10-486-103	Aircraft Corrosion Control	2
10-486-104	Inspection Fundamentals	1
10-486-105	Ground Handling & Servicing	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
10-486-120	Avionics Fundamentals	2
10-486-121	Airframe Instrumentation	2
10-486-122	Airframe Electrical Power	2
10-486-125	Aircraft Metallic Structures	2
10-486-126	Airframe Fuel Systems	1
10-486-127	Aircraft Technical Drawings	1
10-486-168	Human Factors	1
10-486-114	Avionics Communications	3
10-486-140	Avionics Control Systems	2
10-660-115	AC Circuits 2	1
10-660-129	Semiconductors 2	1
10-660-130	Digital Electronics Tech 1	1
10-660-131	Digital Electronics Tech 2	1
10-660-128	Semiconductors 1	1
10-486-141	Powerplant Instrumentation	1
10-486-142	Powerplant Electrical Power	1
10-486-143	Avionics Surveillance Systems	3
10-486-169	Avionics Navigational Systems	3

**General Studies (18 Credits)**

10-804-113	College Technical Math 1A	3
10-801-195	Written Communication	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 (2 Credits)**

10-486-123	FCC License, Preparation for	1
10-486-144	Installation Project 1	1
10-486-145	Installation Project 2	1
10-486-146	Installation Project 3	1
10-486-130	Avionics Co-op 1	1
10-606-102	CATIA V5 - Basic	2
10-606-141	Introduction to SolidWorks	2
10-628-187	AutoCAD Fundamentals	1

**Airframe & Powerplant Mechanics**

32-486-1

Technical Diploma • 64 Credits • Partially Financial Aid Eligible • Oshkosh  
Time of Day: Day and Evening • Full Time

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**Aircraft Inspector      Airline Technician  
Aviation Maintenance Technician      Corporate/General Aviation Technician**Occupational Specific (55 Credits)**

		Credits
10-486-100	Aircraft Fundamentals	2
10-486-101	Aviation Records, Regulations & Publications	3
10-486-102	Aircraft Materials & Hardware	2
10-486-103	Aircraft Corrosion Control	2
10-486-104	Inspection Fundamentals	1
10-486-105	Ground Handling & Servicing	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
10-486-120	Avionics Fundamentals	2
10-486-121	Airframe Instrumentation	2
10-486-122	Airframe Electrical Power	2
10-486-125	Aircraft Metallic Structures	2
10-486-126	Airframe Fuel Systems	1
10-486-127	Aircraft Technical Drawings	1
10-486-168	Human Factors	1
10-486-141	Powerplant Instrumentation	1
10-486-142	Powerplant Electrical Power	1
32-486-330	Aircraft Cabin & Environmental Systems	1
32-486-332	Airframe Protection Systems	2
32-486-334	Aircraft Non-metallic Structures	2
32-486-335	Aircraft Hydraulics & Pneumatics	2
32-486-336	Aircraft Landing Gear	2
32-486-338	Aircraft Flight Controls	1
32-486-339	Propellers	2
32-486-340	Airframe Inspections	1
32-486-341	Turbine Engines	2
32-486-342	Turbine Systems 1	2
32-486-343	Turbine Systems 2	1
32-486-344	Powerplant Inspections	1
32-486-345	Reciprocating Engines	2
32-486-346	Reciprocating Systems 1	1
32-486-347	Reciprocating Systems 2	2
32-486-348	Powerplant Fuel Metering	2
32-486-349	Powerplant Protection Systems	1

**Occupational Supportive (9 Credits)**

10-804-113	College Technical Math 1A	3
10-801-195	Written Communication	3
10-806-139	Survey of Physics	3

# Business, Management & Finance

## ACCOUNTING & FINANCE

### Accounting

10-101-1

Associate Degree • 63 Credits • Financial Aid Eligible • Appleton, Chilton, Clintonville, Online, Oshkosh, Waupaca, Wautoma  
Time of Day: Day and Evening • Full Time and Part Time

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

### Technical Studies (43 Credits)

	Credits
10-101-145	1
10-101-152	1
10-101-180	4
10-103-120	2
10-101-104	2
10-101-153	2
10-101-181	4
10-101-194	2
10-101-195	1
10-101-182	4
10-101-186	4
10-101-101	3
10-101-132	4
10-101-187	3
10-101-190	1
10-101-193	1
10-102-103	3
10-106-199	1

### General Studies (18 Credits)

10-801-195	3
10-804-123	3
10-801-196	3
10-809-166	3
10-809-195	3
10-809-199	3

### Suggested Electives (2 Credits)

10-114-175	3
10-140-100	3
10-116-193	3
10-145-104	3

### Accounting Assistant

31-101-1

Technical Diploma • 33 Credits • Financial Aid Eligible  
Appleton, Chilton, Clintonville, Online, Oshkosh, Waupaca, Wautoma  
Time of Day: Day and Evening • Full Time and Part Time

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
Billing Clerk	Bookkeeper
Payroll Clerk	

### Occupational Specific (24 Credits)

	Credits
10-101-145	1
10-101-152	1
10-101-180	4
10-102-103	3
10-103-120	2
10-101-104	2
10-101-153	2
10-101-181	4
10-101-190	1
10-101-194	2
10-101-195	1
10-106-199	1

### Occupational Supportive (9 Credits)

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

Full degree programs are available at our Appleton and Oshkosh campuses, as well as regional centers in Chilton, Clintonville, Waupaca and Wautoma.

Learn more:

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



See how Justin will graduate from Fox Valley Tech with two degrees and zero debt:  
[www.fvtc.edu/ZeroDebt](http://www.fvtc.edu/ZeroDebt)

**Banking & Financial Services** 10-114-3

Associate Degree • 61 Credits • Financial Aid Eligible • Online  
 Time of Day: Evening • Full Time and Part Time

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.

**Career Opportunities**

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

**Technical Studies (43 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
10-101-104	QuickBooks Accounting	2
10-104-117	Sales Principles	3
10-104-151	Marketing 1, Principles of	3
10-114-176	Stock and Bond Investments	3
10-114-105	Financial Services and Products	2
10-101-190	Financial Fraud Detection, Fundamentals of	1
10-102-103	Business Law 1	3
10-116-155	Business Ethics	3
10-114-103	Financial Statement Analysis	3

**General Studies (15 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
10-809-198	Intro to Psychology	3

**Suggested Electives (3 Credits)**

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

**Bookkeeping** 30-101-3

Technical Diploma • 13 Credits • Not Financial Aid Eligible  
 Appleton, Chilton, Clintonville, Online, Oshkosh, Waupaca, Wautoma  
 Time of Day: Day and Evening • Full Time and Part Time

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**

10-101-104	QuickBooks Accounting	2
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

**ADMINISTRATIVE PROFESSIONALS**

**Administrative Professional** 10-106-6

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton, Online  
 Time of Day: Day and Evening • Full Time and Part Time

Enter one of the fastest-growing occupations with skills that transfer into any industry and all levels of an organization by becoming a key contributor in today's high-tech business environment. You'll gain hands-on experience in managing and coordinating a fast-paced office environment. You'll develop skills in communicating, collaborating and integrating software to enhance office efficiency.

**Career Opportunities**

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

**Technical Studies (43 Credits) Credits**

10-103-120	MS Office Suite, Introduction	2
10-106-113	Microsoft Outlook	2
10-106-115	Administrative Procedures	3
10-106-118	Effective Business Practice	3
10-106-103	Intro to Office Careers	1
10-106-101	Web Technologies	2
10-106-125	Microsoft Office Suite, Advanced	3
10-106-127	Microsoft Apps	2
10-106-157	Administrative Management	3
10-101-107	Accounting, Principles of	3
10-106-123	Critical Thinking for Business	3
10-106-140	Meeting & Event Management Fundamentals	3
10-106-178	Business Presentation Techniques	3

(continued on next page)

10-106-199	Business Career Planning	1
10-106-109	Virtual Communication	3
10-106-124	Business Projects	3
10-106-138	Office Career Experience	2
10-196-103	Continuous Improvement Basics for Office	1

**General Studies (15 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
10-809-195	Economics	3

**Suggested Electives (2 Credits)**

10-101-104	QuickBooks Accounting	2
10-102-112	Business, Introduction to	3
10-104-151	Marketing 1, Principles of	3
10-103-109	Technology Tools for Marketing, Communication	2
10-102-103	Business Law 1	3

**Office Assistant** 31-106-1

Technical Diploma • 28 Credits • Financial Aid Eligible • Appleton, Online  
Time of Day: Day and Evening • Full Time and Part Time

An Office Assistant technical diploma will give you the skills employers are looking for in a wide variety of industries. Multitasking sums up the role of an office assistant with tasks related to the latest technology and software, office procedures and business communications to help you become a knowledgeable and valued team member. Once completed, you can advance from the Office Assistant technical diploma into the Administrative Professional associate degree.

**Career Opportunities**

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

**Occupational Specific (22 Credits)** **Credits**

10-103-120	MS Office Suite, Introduction	2
10-106-113	Microsoft Outlook	2
10-106-115	Administrative Procedures	3
10-106-118	Effective Business Practice	3
10-106-199	Business Career Planning	1
10-106-103	Intro to Office Careers	1
10-106-125	Microsoft Office Suite, Advanced	3
10-106-138	Office Career Experience	2
10-106-157	Administrative Management	3
10-106-101	Web Technologies	2

**Occupational Supportive (6 Credits)**

10-804-123	Math w Business Apps	3
10-801-195	Written Communication	3

**Receptionist** 30-106-3

Technical Diploma • 8 Credits • Not Financial Aid Eligible • Appleton, Online  
Time of Day: Day and Evening • Full Time and Part Time

If you are an upbeat person who enjoys interacting with people, then the Receptionist technical 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 technical diploma to the Office Assistant technical diploma and into the Administrative Professional associate degree.

**Career Opportunity**

Receptionist

**Occupational Specific (8 Credits)** **Credits**

10-103-120	MS Office Suite, Introduction	2
10-106-115	Administrative Procedures	3
10-106-118	Effective Business Practice	3

**Virtual Assistant** 30-106-10

Technical Diploma • 20 Credits • Financial Aid Pending • Appleton, Online  
Time of Day: Day • Full Time and Part Time

Do you like flexibility in your work environment and work well independently? Do you have a desire to enhance your verbal and written communication skills, as well as your proficiency in Microsoft Office? If so, then this technical diploma is for you. You'll learn how to manage and support colleagues in multiple work locations with tasks including calendar and email management; document, workbook and presentation development; and event and travel planning.

**Career Opportunities**

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

**Occupational Specific (20 Credits)** **Credits**

10-103-120	MS Office Suite, Introduction	2
10-106-101	Web Technologies	2
10-106-113	Microsoft Outlook	2
10-106-115	Administrative Procedures	3
10-106-109	Virtual Communication	3
10-106-127	Microsoft Apps	2
10-106-140	Meeting & Event Management Fundamentals	3
10-106-157	Administrative Management	3

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

See page 16 for more information.

# BUSINESS & MANAGEMENT

## Business Analyst 10-102-1

Associate Degree • 61 Credits • Financial Aid Eligible • Online  
 Time of Day: Day and Evening • Full Time and Part Time

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	Business Systems Analyst
Enterprise Analyst	Functional Analyst
Project Coordinator	

### Technical Studies (41 Credits) Credits

10-102-115	Business Analyst Essentials	2
10-102-124	BA Planning and Monitoring	3
10-196-188	Project Management, Intro to	3
10-890-100	College Success: On Course	1
10-103-120	MS Office Suite, Introduction	2
10-102-126	Elicitation and Collaboration Techniques	2
10-107-158	Systems Analysis	3
10-152-168	Data Access for Programmers	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)

10-106-178	Business Presentation Techniques	3
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## Business Management 10-102-3

Associate Degree • 62 Credits • Financial Aid Eligible  
 Appleton, Chilton, Clintonville, Online, Oshkosh, Waupaca, Wautoma  
 Time of Day: Day and Evening • Full Time and Part Time  
 Also Offered in an Accelerated Format

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. 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	Shift Coordinator
Team Leader	

### Technical Studies (41 Credits) Credits

10-101-107	Accounting, Principles of	3
10-103-120	MS Office Suite, Introduction	2
10-116-193	Human Resources, Introduction to	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
10-106-199	Business Career Planning	1
10-116-155	Business Ethics	3
10-196-110	Cost Controls and Budgeting	3
10-196-131	Problem Solving	2
10-101-145	Spreadsheets, Beginning	1
10-102-106	Business Management Internship	2
10-196-190	Leadership Development	3

Select a total of 3 credits from these options:

10-106-118	Effective Business Practice	3
10-196-108	Contemporary Business Issues	3
Select a total of 3 credits from these options:		
10-102-112	Business, Introduction to	3
10-145-104	Entrepreneurship, Introduction to	3

### General Studies (15 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
10-809-195	Economics	3

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If you're looking for variety in your career, the Business Analyst program might be a great fit for you:  
[www.fvtc.edu/BusAnalyst](http://www.fvtc.edu/BusAnalyst)

### Suggested Electives (6 Credits)

Choose 6 credits from one Focus Area below:

#### Entrepreneurship

10-145-115	Entrepreneurial Thinking	3
10-145-116	Financial Intelligence for Entrepreneurs	3

#### Financial

10-101-104	QuickBooks Accounting	2
10-114-124	Money and Banking, Introduction to	3
10-114-175	Financial Planning	3
10-101-180	Financial Accounting 1	4

#### Global

10-140-100	International Professional Field Studies	3
10-140-164	Global Leadership & Prof. Development	3
10-141-166	Intercultural Relations	3
10-802-991	Elective: Choice of Foreign Language	3

#### Marketing

10-104-118	Professional Sales	2
10-104-119	Sales Strategy	2
10-104-100	Digital Marketing	3
10-104-103	Promotion Principles	3
10-104-108	Social Media Marketing	3

#### Operations

10-106-113	Microsoft Outlook	2
10-623-195	Lean Tools	2
10-106-178	Business Presentation Techniques	3
10-196-188	Project Management, Intro to	3

### Business Operations

31-102-4

Technical Diploma • 32 Credits • Financial Aid Eligible

Appleton, Chilton, Clintonville, Online, Oshkosh, Waupaca, Wautoma

Time of Day: Day and Evening • Full Time and Part Time

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	Facility Manager
Operations Manager	Store Manager
Supervisor	

#### 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, Introduction to	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

### Digital Court Reporter

31-170-1

Technical Diploma • 26 Credits • Financial Aid Eligible • Online

Time of Day: Evening • Full Time and Part Time

Digital court reporters are responsible for recording and transcribing court proceedings using technology to translate the audio into text. In this online program, you'll gain an understanding of the digital recording system maintenance, upkeep and operation. You'll receive training in using recording software and providing litigation support, as well as annotating proceedings with essential case information, performing playback of proceedings and accurately preparing and proofreading transcripts. As a digital court reporter, you may also find work in the private sector for attorneys by digitally recording and transcribing depositions.

#### Career Opportunities

Court Reporter	Digital Audio Reporter
Digital Court Reporter	

#### Occupational Specific (26 Credits)

	Credits	
10-103-180	MS Word Introduction	1
10-103-184	MS Word Intermediate	1
10-106-112	Keyboarding Speed Development	1
10-110-102	Legal Fundamentals	3
10-170-100	Digital Court Reporting, Introduction to	2
10-170-103	Legal Transcription	3
10-170-115	DCR Grammar & Punctuation 1	3
10-103-181	MS Excel Introduction	1
10-110-112	Legal Terminology, Introduction to	3
10-170-102	Digital Audio Reporting Lab	2
10-170-104	Legal Transcription 2	3
10-170-116	DCR Grammar & Punctuation 2	3

### Human Resources

10-116-1

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

Time of Day: Day and Evening • Full Time and Part Time

Also Offered in an Accelerated Format

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

#### Career Opportunities

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

#### Technical Studies (39 Credits)

	Credits	
10-102-112	Business, Introduction to	3
10-116-155	Business Ethics	3
10-116-193	Human Resources, Introduction to	3
10-890-100	College Success: On Course	1
10-103-120	MS Office Suite, Introduction	2
10-116-150	Employment Law	3

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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)**

10-801-196	Oral/Interpersonal Comm	3
10-801-195	Written Communication	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
10-141-166	Working Effectively Across Cultures	3

**Legal Studies/Paralegal** 10-110-1

Associate Degree • 62 Credits • Financial Aid Eligible • Appleton, Online  
Time of Day: Day and Evening • Full Time and Part Time

Become an essential member of the legal office team with a legal studies/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 an internship where you will practice the knowledge and skills you gained in class.

**Career Opportunities**

Case Administration Specialist	Compliance Officer
Contract Administrator	Court Clerk
Disability Claims Specialist	Law Office Manager
Paralegal	Plan Intake Coordinator
Victim/Witness Advocate	

**Technical Studies (44 Credits)** Credits

10-102-103	Business Law 1	3
10-103-180	MS Word Introduction	1
10-103-184	MS Word Intermediate	1
10-110-100	Legal Studies & Legal Ethics, Intro to	4
10-110-115	Legal Research & Writing, Introduction	3
10-101-107	Accounting, Principles of	3
10-110-118	Law Office Management and Technology	3
10-110-151	Civil Litigation Procedures	3
10-102-157	Business Law 2	3
10-110-106	Family Law	3
10-110-114	Administration of Estates	3
10-110-117	Legal Research & Writing, Advanced	3

10-110-107	Legal Aspects/Business Organizations	3
10-110-119	Legal Studies Internship	2
10-110-160	Employment Law for Legal Professionals	3
10-110-168	Criminal Procedures for Legal Professionals	3

**General Studies (15 Credits)**

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

**Suggested Electives (3 Credits)**

10-110-110	Real Estate Law	3
10-110-111	Insurance Law for Legal Professionals	3

**Management Development** 10-196-1

Associate Degree • 61 Credits • Financial Aid Eligible • Online  
Time of Day: Day and Evening • Full Time and Part Time  
Also Offered in an Accelerated Format

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

**Career Opportunities**

Department Manager	Facilitator
Professional Recruiter	Supervisor
Team Leader	Warehouse Manager

**Technical Studies (37 Credits)** Credits

10-102-112	Business, Introduction to	3
10-104-151	Marketing 1, Principles of	3
10-196-192	Managing for Quality	3
10-196-190	Leadership Development	3
10-623-195	Lean Tools	2
10-116-193	Human Resources, Introduction to	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



Hear what Molly, a Legal Studies/Paralegal grad, appreciated about Fox Valley Tech:  
[www.fvtc.edu/ParalegalVideo](http://www.fvtc.edu/ParalegalVideo)



**Project Specialist NEW** 31-102-10

Technical Diploma • 30 Credits • Financial Aid Eligible • Online  
 Time of Day: Day and Evening • Full Time and Part Time  
 Also Offered in an Accelerated Format

The Project Specialist technical diploma will prepare you to take on entry-level positions in the project management field. You'll get an opportunity to work through the entire project life cycle with a solid understanding of both waterfall and agile approaches to project management. The coursework in this program aligns with the Project Management Institute's body of knowledge and can be used to prepare for industry certification. All courses directly transfer to the Business Analyst associate degree.

**Career Opportunities**

Project Assistant	Project Coordinator
Project Facilitator	Project Specialist

**Occupational Specific (24 Credits)** Credits

10-102-124	BA Planning and Monitoring	3
10-103-120	MS Office Suite, Introduction	2
10-106-118	Effective Business Practice	3
10-107-158	Systems Analysis	3
10-196-188	Project Management, Intro to	3
10-102-126	Elicitation and Collaboration Techniques	2
10-106-199	Business Career Planning	1
10-196-110	Cost Controls and Budgeting	3
10-196-131	Problem Solving	2
10-623-195	Lean Tools	2

**Occupational Supportive (6 Credits)**

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

**Small Business Entrepreneurship** 10-145-1

Associate Degree • 61 Credits • Financial Aid Eligible • Appleton, Online  
 Time of Day: Day • Full Time and Part Time

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 get the marketing, accounting and finance, customer service and human resource skills to start and grow your own successful business. A mentorship with local business owners will help you practice and hone your skills in a real-world business environment. Graduates find employment with existing firms as managers of enterprises or choose to start their own businesses.

**Career Opportunities**

Assistant Manager	Business Owner/Entrepreneur
Enterprise Manager	Principal

**Technical Studies (43 Credits)** Credits

10-101-180	Financial Accounting 1	4
10-103-120	MS Office Suite, Introduction	2
10-145-104	Entrepreneurship, Introduction to	3
10-101-104	QuickBooks Accounting Online	2
10-102-103	Business Law 1	3
10-104-151	Marketing 1, Principles of	3
10-145-107	Building Your Business Model	2

10-145-115	Entrepreneurial Thinking	3
10-145-105	Small Business Management	3
10-145-109	Small Business Mentorship	1
10-145-116	Financial Intelligence for Entrepreneurs	3
10-196-191	Supervision	3
10-101-194	Payroll	2
10-104-117	Sales Principles	3
10-116-193	Human Resources, Introduction to	3
10-145-108	Business Start-up & Launch Experience	3

**General Studies (15 Credits)**

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

**Suggested Electives (3 Credits)**

10-104-108	Social Media Marketing	3
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**Supply Chain Management** 10-182-1

Associate Degree • 61 Credits • Financial Aid Eligible • Online  
 Time of Day: Day and Evening

Supply chains can be found in every business and industry. You may have heard it called logistics, purchasing, distribution or material management. These jobs are in high demand, and you can get the skills you need to be a part of this ever-changing and growing career field. In the Supply Chain Management program, you'll learn all about the flow of goods and services from sourcing of materials, through manufacturing and distribution, and delivery to the customer. Your training will even include a course where you'll apply your knowledge in a variety of real-life supply chain scenarios.

**Career Opportunities**

Buyer	Inventory Specialist
Logistics Coordinator	Materials Planner
Production Planner	Production Scheduler
Purchasing Agent	

**Technical Studies (44 Credits)** Credits

10-101-145	Spreadsheets, Beginning	1
10-102-112	Business, Introduction to	3
10-103-120	MS Office Suite, Introduction	2
10-182-118	Principles of Inventory Management	3
10-182-123	Supply Chain Career Exploration	1
10-182-131	Fundamentals of Supply Chain Management	3
10-101-152	Spreadsheets, Intermediate	1
10-116-155	Business Ethics	3
10-182-119	Principles of Operations Planning	3
10-182-138	Purchasing Fundamentals	3
10-102-124	BA Planning and Monitoring	3
10-182-120	Principles of Manufacturing Management	3
10-182-122	Principles of Distribution and Logistics	3
10-196-110	Cost Controls and Budgeting	3
10-182-130	Supply Chain Management Capstone	3
10-141-166	Intercultural Relations	3
10-182-121	Principles of Managing Operations	3

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**General Studies (15 Credits)**

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

**Suggested Electives (2 Credits)**

10-102-103	Business Law 1	3
10-104-151	Marketing 1, Principles of	3
10-140-100K	International Prof Field Study: Ireland	3
10-623-157	Problem Solving Methodologies	3
10-623-195	Lean Tools	2

**COMMUNICATIONS**

**Communications, Professional** 10-699-1

Associate Degree • 61 Credits • Financial Aid Eligible • Online  
 Time of Day: Day and Evening • Full Time and Part Time

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

**Career Opportunities**

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

**Technical Studies (40 Credits)** Credits

10-103-120	MS Office Suite, Introduction	2
10-104-151	Marketing 1, Principles of	3
10-152-105	Web Graphics, Introduction to	3
10-890-100	College Success: On Course	1
10-699-102	Intercultural Communication	3
10-699-112	Introduction to Professional Communications	3
10-699-123	Video Publishing	1
10-104-108	Social Media Marketing	3
10-699-117	Designing Content for the Web	3
10-699-120	Information Design	3
10-699-104	Research Methods for Prof. Communications	3
10-699-105	Writing Content for the Web	3
10-699-106	Proposal/Grant Writing	3
10-699-116	Developing Product Documentation	3
10-699-141	Professional Communications Internship	3

**General Studies (18 Credits)**

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

**Suggested Electives (3 Credits)**

10-104-100	Digital Marketing	3
10-104-103	Promotion Principles	3
10-801-141	Introduction to Mass Communications	3
10-196-139	Employee Training and Development	3
10-152-101	HTML 5	3

"The Professional Communications degree paved the way for advancement opportunities."

Denise H.  
Professional Communications



# Construction

## Construction Management Technology 10-455-4

Associate Degree • 63 Credits • Financial Aid Eligible • Oshkosh  
Time of Day: Day • Full Time

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
Construction Project Manager	Cost Engineer
Estimator	Expeditor
Field Engineer	Project Engineer

### Technical Studies (45 Credits) Credits

10-455-101	Site Layout and Construction (CMT)	2
10-455-102	Intro. 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 Safety Technology

10-449-4

Associate Degree • 60 Credits • Financial Aid Eligible  
Online • Full Time

A solid background in construction safety will make you a valuable member of the construction site team. Your understanding of OSHA requirements and industry best practices will make the project as efficient as possible through the control of hazards and prevention of injuries. Your training includes a wide variety of industrial and construction safety topics including OSHA Industrial and Manufacturing standards, fall protection, trenching and excavation, material handling, incident investigations and safety management techniques. Graduates will find jobs with general and specialty contractors such as mechanical and electrical contractors.

### Career Opportunities

Construction Safety Technician	Safety Engineering Technician
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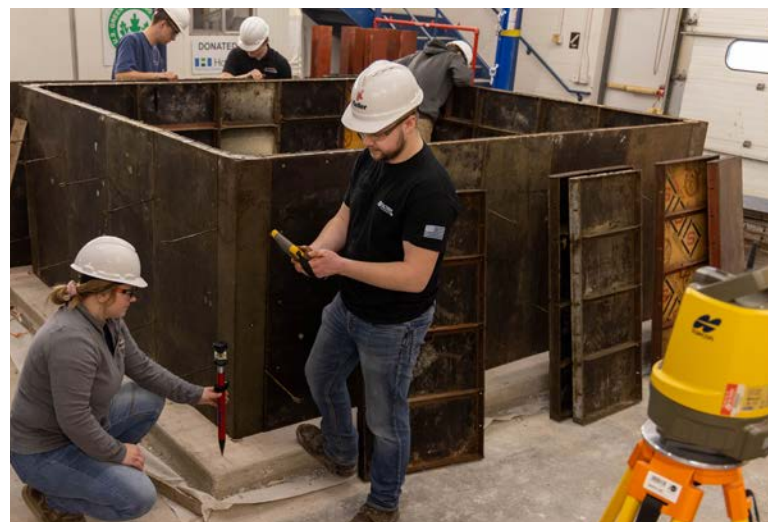
### Technical Studies (38 Credits) Credits

10-449-102	Regulatory Compliance	3
10-449-103	Accident Investigation	3
10-449-162	Fundamentals of Occupational Safety	3
10-449-109	Industrial Fire Protection	3
10-449-116	Conducting EHS Training	1
10-449-185	Construction Compliance	3
10-806-134	General Chemistry	4
10-449-115	Industrial Hygiene Concepts	3
10-449-118	Construction Hazard Recognition	3
10-449-168	Fall Protection	3
10-449-106	Construction Accident Prevention	3
10-449-120	Safety Management Systems	3
10-449-169	Material Handling in Construction	2
10-449-171	Trenching and Excavation Safety	1

### General Studies (19 Credits)

10-801-195	Written Communication	3
10-804-113	College Technical Math 1A	3
10-801-196	Oral/Interpersonal Comm	3
10-806-198	Human Biology	4
10-809-199	Psychology of Human Relations	3
10-809-197	Contemporary Amer Society	3

### Electives (3 Credits)



### Construction, Residential Building

31-410-7

Technical Diploma • 39 Credits • Partially Financial Aid Eligible • Oshkosh  
Time of Day: Day • Full Time

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

Builder Building Material Salesperson  
Carpenter Expediter  
Specialty Subcontractor (framer, roofer, sider, finish carpenter)

#### Occupational Specific (36 Credits)

	Credits
10-449-173 Construction Safety with OSHA 10	1
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 Res. Building Codes & 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



If you love building, you're going to want to check this out:  
[www.fvtc.edu/ConstructionVideo](http://www.fvtc.edu/ConstructionVideo)

Get your associate degree and transfer to a four-year college or university.  
See page 16 for more information.

### Electricity

31-413-1

Technical Diploma • 33 Credits • Financial Aid Eligible • Appleton  
Time of Day: Day • Full Time

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 Helper  
Electrical Maintenance Assistant Electrical/Electronics Equip. Installer

#### Occupational Specific (33 Credits)

	Credits
31-413-301 Residential 1	3
31-413-302 Residential 2	3
31-413-303 Residential 3	3
31-413-304 Residential 4	3
31-413-305 Commercial 1	3
31-413-306 Commercial 2	3
31-413-307 Commercial 3	3
31-413-308 Commercial 4	3
31-413-309 Industrial 1	3
31-413-310 Industrial 2	3
31-413-318 Industrial 3	3



# Culinary & Hospitality

## Baking & Pastry Management **NEW** 10-314-2

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton  
Time of Day: Day • Full Time and Part Time

Develop knowledge and skills in the baking and pastry field in this hands-on program. Your first-year baking courses focus on ingredients, techniques and production skills in relation to bread, doughs, pastries, pies, tarts, cakes and confections. Your second-year courses focus on enhanced skill development and management concepts including production, cost and staffing bakeshop operations. Supporting courses cover a range of topics, including hospitality supervision, catering, food service sanitation, purchasing and management cost controls.

### Career Opportunities

Baker	Bakery Manager
Catering Manager	Food Batchmaker
Food Production Worker	Food Retail Manager

### Technical Studies (45 Credits)

	Credits	
10-109-152	Introduction to Hospitality	3
10-314-110	Baking Essentials	2
10-316-101	Food Production, Introduction to	3
10-316-118	Sanitation for Food Service Operations	1
10-316-119	Nutrition for Culinary Arts	1
10-316-121	Baking Basics	2
10-316-170	Science of Baking	2
10-314-109	Artisan Breads and Rolls	2
10-314-111	Advanced Cake Decorating 1	1
10-314-112	Baking and Pastry Operations 1	3
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
10-314-113	Baking Industry Experience	1
10-109-125	Hospitality Sales and Promotion	2
10-314-114	Plated Desserts	1
10-314-115	Advanced Cake Decorating 2	1
10-316-141	Food, Beverage and Labor Cost Controls	3
10-316-142	Catering and Special Event Planning	2
10-314-116	Chocolate	1
10-314-117	Healthy and Natural Baking	1
10-314-118	Baking and Pastry Operations 2	3
10-316-123	Hospitality Supervision	3

### General Studies (15 Credits)

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

## Baking and Pastry Production

31-314-3

Technical Diploma • 27 Credits • Financial Aid Eligible • Appleton  
Time of Day: Day • Full Time and Part Time

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 (27 Credits)

	Credits	
10-109-152	Introduction to Hospitality	3
10-314-110	Baking Essentials	2
10-316-101	Food Production, Introduction to	3
10-316-118	Sanitation for Food Service Operations	1
10-316-119	Nutrition for Culinary Arts	1
10-316-121	Baking Basics	2
10-316-170	Science of Baking	2
10-314-109	Artisan Breads and Rolls	2
10-314-111	Advanced Cake Decorating 1	1
10-314-112	Baking and Pastry Operations 1	3
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



Find out how you can brush up on your baking skills or take it to the next level:  
[www.fvtc.edu/BakingVideo](http://www.fvtc.edu/BakingVideo)

**Culinary Arts**

10-316-1

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton

Time of Day: Day and Evening • Full Time and Part Time

Also Offered in an Accelerated Format

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

**Career Opportunities**

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

**Technical Studies (42 Credits)**

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

**General Studies (15 Credits)**

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

**Suggested Electives (3 Credits)**

10-316-151 Asian Cuisine	1
10-316-152 European Cuisine	1
10-316-187 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
10-316-183 Grilling, Smoking & BBQ	2
10-316-184 Advanced Garde Manger	2
10-316-185 Pairing Wines with Foods	2

**Food Service Production**

31-303-2

Technical Diploma • 31 Credits • Financial Aid Eligible • Appleton

Time of Day: Day and Evening • Full Time and Part Time

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

**Career Opportunities**

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

**Occupational Specific (24 Credits)**

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

**Occupational Supportive (7 Credits)**

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



Learn more about FVTC's Culinary program and hear Jaida's experience: [www.fvtc.edu/CulinaryVideo](http://www.fvtc.edu/CulinaryVideo)

Want to  
continue your education  
beyond an associate degree?

Most programs offer transfer  
agreements with four-year colleges  
and universities. See page 16 for more  
information.

**Hospitality Management**

10-109-2

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton  
Time of Day: Day and Evening • Full Time and Part Time

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
10-103-120	MS Office Suite, Introduction	2
10-109-126	Customer Service Management	3
10-109-152	Introduction to Hospitality	3
10-316-118	Sanitation for Food Service Operations	1
10-316-120	Culinary Applications	2
10-109-105	Hospitality Concept Development	2
10-109-125	Hospitality Sales and Promotion	2
10-109-140	Principles of Group Sales	2
10-316-101	Food Production, Introduction to	3
10-109-109	Hospitality Industry Experience	1
10-109-110	Guest Service Experience	1
10-109-111	Room Operations	3
10-109-119	Hospitality Security	2
10-109-131	Tourism: A Community Approach	3
10-316-142	Catering and Special Event Planning	2
10-109-103	Hospitality Law and Liability	3
10-316-123	Hospitality Supervision	3
10-316-141	Food, Beverage and Labor Cost Controls	3
10-531-101	First Aid/CPR, Principles and Practices	1

**General Studies (15 Credits)**

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

**Suggested Electives (3 Credits)**

10-106-140	Meeting & Event Management Fundamentals	3
10-316-154	Ice Carving	1
10-316-185	Pairing Wines with Foods	2
10-109-106	Risk Management for Hospitality	2
10-109-116	Prof. Field Study - Hospitality & Culinary	3

**Hospitality Specialist NEW**

31-109-4

Technical Diploma • 30 Credits • Financial Aid Eligible • Appleton  
Time of Day: Day • Full Time and Part Time

Begin your career in the extensive hospitality industry through this technical diploma. Gain skills in food handling, customer service and lodging operations. This program will also teach you about the tourism industry, catering, special event planning and event facilitation. You'll learn about numerous aspects of the hospitality industry and gain the needed skills to be successful across the industry.

**Career Opportunities**

Casino, Bar or Restaurant Shift/Floor Supervisor	Meeting, Event or Convention Coordinator
Tour Guide	Operations Specialist
Front Desk Representative	

**Occupational Specific (24 Credits)**

		Credits
10-109-111	Room Operations 3	
10-109-126	Customer Service Management	3
10-109-131	Tourism: A Community Approach	3
10-316-118	Sanitation for Food Service Operations	1
10-316-120	Culinary Applications	2
10-316-142	Catering and Special Event Planning	2
10-531-101	First Aid/CPR, Principles and Practices	1
10-109-152	Introduction to Hospitality	3
10-316-101	Food Production, Introduction to	3
10-316-123	Hospitality Supervision	3

**Occupational Supportive (6 Credits)**

10-801-196	Oral/Interpersonal Comm	3
10-804-123	Math w Business Apps	3



## Education & Human Services

### COUNSELING & MENTAL HEALTH SERVICES

#### Human Services 10-520-3

Associate Degree • 68 Credits • Financial Aid Eligible • Appleton Full Time • A Northcentral Technical College program offered at FVTC.

The Human Services associate degree program will train you to provide education, support, care, advocacy and/or crisis intervention in a human service agency. You'll acquire the skills needed to work with individuals, groups and communities. Key components of this degree include: cultural awareness and an understanding of diverse cultural groups, a responsible attitude, commitment to serve others and effective communication skills. You'll gain occupational experience through Internship 1 and Internship 2 or will engage in the community through Service Learning. Note: this program does not lead directly to State licensure to practice counseling.

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

#### Human Services Assistant 31-520-1

Technical Diploma • 28 Credits • Financial Aid Eligible • Appleton Full Time • A Northcentral Technical College program offered at FVTC.

The Human Services Assistant technical diploma is ideal if you're looking to assist and provide client services in a wide variety of fields such as psychology, rehabilitation or social work, including support families. This technical diploma will provide you with strong skills in interviewing, communicating, building rapport for trusting relationships and counseling techniques for professions where this is key. Upon graduation, you'll be able to assist clients in identifying and obtaining available benefits and social and community services. You'll also be able to assist social workers with developing, organizing and conducting programs to prevent and resolve problems relevant to substance abuse, human relationships, rehabilitation or dependent care. As an embedded technical diploma, this program ladders fully into the Human Services associate degree program. Note: the Human Services Assistant program does not lead directly to State licensure to practice counseling.

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

#### Substance Use Disorder Counseling 10-550-1

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton

Time of Day: Evening • Full Time

Help people break free from the grip of substance abuse. In this rewarding career, you'll work with a team of health and social services professionals to provide Substance Use Disorder Counseling services. Through classroom, laboratory and internship experience, you'll develop skills in assessment, counseling, diagnosis, treatment planning, group facilitation, documentation and crisis management. You'll also learn how to respect clients' rights, develop professional ethics and understand the complexity of substance use disorders. This degree prepares you for a variety of opportunities in licensed substance use disorder treatment facilities such as clinics, hospitals and community residential facilities, as well as correctional facilities, and various community and social service agencies.

#### Career Opportunities

AODA Counselor

Substance Abuse Counselor

Treatment Specialist

#### Technical Studies (44 Credits) Credits

10-550-200	Introduction to the SUDC Profession	3
10-550-201	Understanding Substance Use	3
10-550-206	Intro. to Interviewing and Counseling Skills	3
10-550-124	SUDC Clinical Preparation	2
10-550-204	Group Facilitation	3
10-550-208	SUDC Assessment, Diagnosis and Treatment	3
10-550-210	Boundaries & Ethics - Helping Professions	3
10-550-202	Foundations of Case Management	3
10-550-203	Overview of Mental Health Disorders	3
10-550-207	Psychopharmacology	3
10-550-211	Clinical Experience I	3
10-550-138	Cross-Cultural Counseling	3
10-550-205	Counseling Theory	3
10-550-209	Family Systems	3
10-550-212	Clinical Experience II	3

#### General Studies (16 Credits)

10-801-196	Oral/Interpersonal Comm	3
10-809-198	Intro to Psychology	3
10-806-198	Human Biology	4
10-801-195	Written Communication	3
10-809-196	Intro to Sociology	3

Want to  
continue your education  
beyond an associate degree?

Most programs offer transfer  
agreements with four-year colleges  
and universities. See page 16 for more  
information.





**Early Childhood Teacher** 31-307-7

Technical Diploma • 27 Credits • Financial Aid Eligible • Appleton

The Early Childhood Teacher technical diploma will prepare you to work as a teacher in a variety of early childhood settings. This degree is specially designed for individuals working with children birth to eight years of age and combines hands-on fieldwork with course work. Completion of this certificate will place you at Registry Level 11.

**Career Opportunities**

Family Child Care Assistant      Lead Infant Teacher

**Occupational Specific (27 Credits)**      **Credits**

10-307-108	ECE: Early Language & Literacy	3
10-307-148	ECE: Foundations of Early Childhood	3
10-307-167	ECE: Hlth Safety & Nutrition	3
10-307-179	ECE: Child Development	3
10-307-160	ECE: Field Experience 1	3
10-307-110	ECE: Social Studies, Art, & Music	3
10-307-151	ECE: Infant & Toddler Development	3
10-307-170	ECE: Field Experience 2	3
10-307-188	ECE: Guiding Child Behavior	3

**Family & Consumer Sciences****Education Instruction** **NEW** 10-522-8

Associate Degree • 61 Credits • Financial Aid Eligible • Appleton

Time of Day: Day and Evening • Full Time and Part Time

The Family and Consumer Sciences Education Instruction program will prepare you to teach in family and consumer science programs at various educational levels. You'll be ready to teach occupational, vocational and educational subjects to students at the middle and secondary school levels. The array of learning opportunities includes baking, culinary and hospitality in addition to interior design. Child development, behavior management and student support techniques are also covered culminating with practicum experiences in the K12 setting.

**Career Opportunities**Before/After School Educator      High School Teacher  
Middle School Teacher      Paraprofessional**Technical Studies (43 Credits)**      **Credits**

10-316-110	Culinary Fundamentals	3
10-316-118	Sanitation for Food Service Operations	1
10-316-119	Nutrition for Culinary Arts	1
10-316-125	Culinary Foundations	1
10-316-170	Science of Baking	2
10-522-103	EDU: Introduction to Educational Practices	3
10-522-150	EDU: Intro: Family & Consumer Sciences Education	3
10-307-179	ECE: Child Development	3
10-307-195	ECE: Family & Community Relationships	3
10-522-105	EDU: Behavior Management	3
10-522-124	EDU: Supporting Students with Disabilities	3
10-522-151	EDU: Family and Consumer Sciences Industry Co-Op	1
10-304-110	Fundamentals of Design	3
10-304-125	Basic Interior Design	3
10-522-152	EDU: Family and Consumer Sciences Practicum 1	2
10-109-152	Introduction to Hospitality	3
10-304-129	Textiles	3
10-522-153	EDU: Family & Consumer Sciences Practicum 2	2

**General Studies (18 Credits)**

10-801-195	Written Communication	3
10-801-198	Speech	3
10-809-196	Intro to Sociology	3
10-809-198	Intro to Psychology	3
10-804-123	Math w Business Apps	3
10-809-188	Developmental Psychology	3

**Foundations of Teacher Education** 10-522-2

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton

If you'd love a career that puts you in a classroom to help children learn, then the Foundations of Teacher Education degree would be a great first step. This program will prepare you to work directly with elementary and middle school students under the supervision of a licensed teacher. Your training will include assisting children with math, science, reading and writing assignments as well as handling classroom management, clerical and other tasks related to instruction. You'll also learn about monitoring student activities, correcting papers, tutoring, one-on-one activities, small group facilitation, and assisting children with computers and media. This program meets Title I requirements.

**Career Opportunities**

Instructional Assistant      Paraprofessional

**Technical Studies (42 Credits)**      **Credits**

10-522-102	EDU: Techniques in Reading	3
10-522-103	EDU: Introduction to Educational Practices	3
10-522-104	EDU: Technology in Education	3
10-522-105	EDU: Behavior Management	3
10-522-106	EDU: Child and Adolescent Development	3
10-522-107	EDU: Overview of Special Education	3
10-522-124	EDU: Supporting Students with Disabilities	3
10-522-114	EDU: Techniques in Language Arts	3
10-522-118	EDU: Techniques in Math	3
10-522-119	EDU: Techniques in Social Studies	3
10-522-129	EDU: Practicum 1	3
10-522-112	EDU: Equity in Education	3
10-522-120	EDU: Techniques in Science	3
10-522-131	EDU: Practicum 2	3

**General Studies (18 Credits)**

10-809-198	Intro to Psychology	3
10-801-196	Oral/Interpersonal Comm	3
10-809-172	Introduction to Diversity Studies	3
10-801-136	English Composition 1	3
10-804-123	Math w Business Apps	3
10-809-196	Intro to Sociology	3



Hear how Fox Valley Tech has helped Thong achieve his goals:  
[www.fvtc.edu/EarlyChildhood18](http://www.fvtc.edu/EarlyChildhood18)

## SERVICE CAREERS

### Aesthetician – Basic

30-502-2

Technical Diploma • 19 Credits • Financial Aid Eligible • Appleton

Time of Day: Day • Full Time

Pursue a career in skincare to become an indispensable part of the beauty industry. In this program, you'll learn everything from the fundamental concepts to the latest techniques in skincare treatments and services including facial and body treatments, skin analysis, hair removal and makeup application. In addition, you'll receive instruction on marketing, business processes and professional standards. Successful completion of the program will prepare you for the state board aesthetician licensing examination.

#### Career Opportunities

Aesthetician	Cosmetics Representative
Esthetician	Makeup Artist
Skin Care Specialist	

#### Occupational Specific (19 Credits)

		Credits
10-502-101	Aesthetic Spa Services 1 - Beginner	2
10-502-104	Aesthetic Treatments	3
10-502-108	Facial Treatments	3
10-502-109	Hair Removal Techniques	1
10-502-110	Make-up Techniques	1
10-502-111	Aesthetic Theory	1
10-502-156	Aesthetic Spa Sciences	2
10-502-102	Aesthetic Spa Services 2 - Intermediate	2
10-502-105	Aesthetician Mock Board Prep and Assessment	1
10-502-107	Advanced Aesthetic Treatments and Massage	1
10-502-123	Aesthetic Spa Services 3 - Advanced	2

### Cosmetology

31-502-1

Technical Diploma • 38 Credits • Financial Aid Eligible • Appleton

Time of Day: Day and Evening • Full Time

Express your passion for style with a career in cosmetology. Combine theory with practice to learn all aspects of this innovative industry including fundamentals of cutting, styling and chemical restructuring of hair, as well as skin and nail care. In addition, you'll receive instruction on salon management and business strategies to create exceptional guest-service experiences. Successful completion of the program will prepare you for a cosmetologist license application.

#### Career Opportunities

Barber	Cosmetologist
Hair Stylist	Hairdresser
Nail Technician	

#### Occupational Specific (38 Credits)

		Credits
31-502-301	Salon Theory and Ecology	2
31-502-302	Basic Cut and Style	4
31-502-303	Basic Texture and Color	5
31-502-305	Advanced Cut and Style	4
31-502-378	Cosmetology Sales & Marketing	1
31-502-304	Salon Client Services 1 - Introductory	3
31-502-306	Advanced Texture and Color	4
31-502-307	Facials and Skin Care	2
31-502-309	Salon Client Services 2 - Intermediate	3
31-502-330	Salon Management Skills	2
31-502-374	Nails	2
31-502-308	Salon Business and Professional Development	1
31-502-310	Salon Client Services 3 - Advanced	3
31-502-311	Cosmetology State Board Prep and Assessment	2

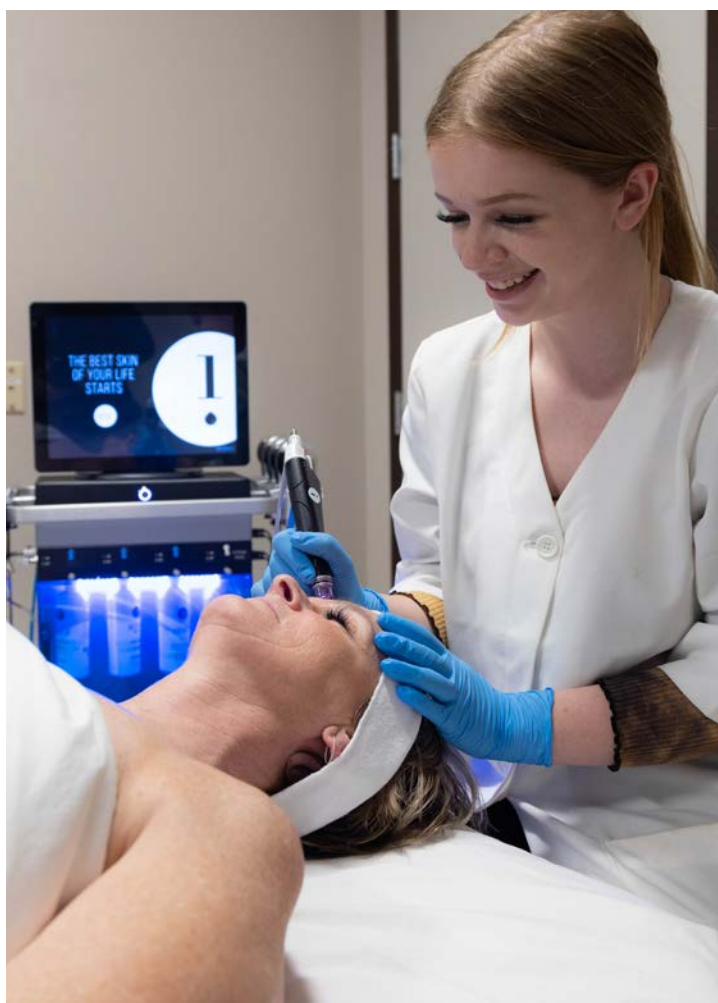
### Funeral Service

10-528-1

Associate Degree • 64 Credits • Financial Aid Eligible • Appleton  
A Milwaukee Area Technical College program offered at FVTC.

Get the skills you need for a career as a licensed funeral director and embalmer in a profession that demands compassion, dedication and creativity. Once accepted into the program, you'll be immersed in all facets of the funeral profession. Your training will take place through lectures, hands-on labs, field trips, seminars, guest speakers and internships. Coursework will include embalming, arranger training, grief studies, business management, religious funeral practices, regulatory compliance and more. Upon completion of the program, you'll earn an associate degree and be eligible to take the National Board Exam for funeral directors (required for licensure).

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



**Master Aesthetician NEW** 10-502-1

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton  
Time of Day: Day • Full Time

Advance your skincare knowledge by learning the techniques needed to perform skincare treatments within a medical practice/spa setting. In addition to learning fundamental skincare services including facial/body treatments, skincare analysis, makeup application, and hair removal, you'll receive training and instruction on laser procedures, Microdermabrasion, Microblading, chemical peels, lash treatments and other popular services. The advanced study of skin will allow you to work under the supervision of a medical professional.

**Career Opportunities**

Aesthetician	Esthetician
Makeup Artist	Oncology Aesthetician
Paramedical Aesthetician	Skin Care Specialist

**Technical Studies (41 Credits) Credits**

10-502-101	Aesthetic Spa Services 1 - Beginner	2
10-502-104	Aesthetic Treatments	3
10-502-108	Facial Treatments	3
10-502-109	Hair Removal Techniques	1
10-502-110	Make-up Techniques	1
10-502-111	Aesthetic Theory	1
10-502-156	Aesthetic Spa Sciences	2
10-502-102	Aesthetic Spa Services 2 - Intermediate	2
10-502-105	Aesthetician Mock Board Prep & Assessment	1
10-502-107	Advanced Aesthetic Treatments and Massage	1
10-502-112	Medical Spa Aesthetics	2
10-502-123	Aesthetic Spa Services 3 - Advanced	2
10-502-113	Laser Theory and Applications	2
10-502-125	Anatomy & Physiology Aesthetics	1
10-502-114	Laser Treatments and Procedures	2
10-502-116	Advanced Aesthetics Clinic 1-Introductory	2
10-502-117	Advanced Facial Treatments	1
10-502-118	Advanced Body Treatments	1
10-502-119	Advanced Aesthetics Clinic 2 - Intermediate	3
10-502-115	Advanced Make-up Techniques	2
10-502-120	Medical Conditions and Care	2
10-502-121	Trends in Approaches to Skin Care	1
10-502-122	Advanced Aesthetics Clinic 3 - Mastery	3

**General Studies (19 Credits)**

10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-107	College Mathematics	3
10-806-134	General Chemistry	4
10-809-166	Intro to Ethics: Theory & App	3
10-809-199	Psychology of Human Relations	3

**Therapeutic Massage** 30-537-1

Technical Diploma • 24 Credits • Financial Aid Eligible • Appleton  
Time of Day: Day and Evening • Full Time

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

**Want to  
continue your education  
beyond an associate degree?**

Most programs offer transfer  
agreements with four-year colleges  
and universities. See page 16 for more  
information.

# Engineering Technologies

## ELECTRICAL & ELECTRONICS

### Electrical Engineering Technology 10-662-1

Associate Degree • 70 Credits • Financial Aid Eligible • Appleton

Time of Day: Day • Full Time and Part Time

Electrical Engineering Technology has numerous subfields with many high-demand career paths. In this program, you'll collaborate in creating and servicing many modern, everyday technologies, from household appliance motors and consumer electronic circuitry (phones, tablets) to industrial production lines, robotics and automation. This associate degree is designed to provide you with knowledge and skill training in mathematics, fundamentals of electrical and electronic devices, digital electronics, embedded computer systems design, communication and computer networks, and industrial automation. These skills are taught through classroom study and hands-on lab activities. Transfer agreements allow you to pursue a bachelor's degree in Electrical Engineering Technology or Electronic Engineering Technology from the Milwaukee School of Engineering (MSOE) or the UW System (UW-Oshkosh, UW-Green Bay).

#### 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 - Electronics/EET	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 & Networks 1	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
10-660-128	Semiconductors 1	1
10-660-129	Semiconductors 2	1
10-605-111	AC Circuits 2-Electronics/EET	1
10-605-118	Circuit Analysis	2
10-605-119	Linear Electronics	3
10-605-160	Microcontroller Interfacing	3
10-804-198	Calculus 1	4
10-605-132	Digital Electronics 3	2
10-804-181	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 & Trigonometry w/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)

10-662-105	Advanced Circuits	3
10-662-106	Advanced Electronics	3

### Electronic Engineering Technology 10-605-7

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton

Time of Day: Day • Full Time and Part Time

Electronic engineering technicians assist with research, evaluation, design and quality control processes as well as the manufacturing and deployment of equipment for automation. This broad-based degree program will prepare you for many in-demand, high-paying career fields where you'll evaluate and test products using measuring and diagnostic devices to adjust and repair equipment. Your training will also include a foundation in electronics, industrial control with motors, drives and PLCs, embedded C and LabVIEW programming, and PCB design and assembly. Transfer agreements allow you to pursue a bachelor's degree in Electrical Engineering Technology or Electronic Engineering Technology from the Milwaukee School of Engineering (MSOE) or the UW System (UW-Oshkosh, UW-Green Bay).

#### 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 - Electronics/EET	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	1234Embedded Programming 1	1
10-660-163	Construction Techniques	1
10-660-181	Technical Software Essentials	1
10-660-184	Computer Systems & Networks 1	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
10-660-128	Semiconductors 1	1
10-660-129	Semiconductors 2	1
10-605-111	AC Circuits 2-Electronics/EET	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 2	1
10-605-122	PCB Assembly Systems	1
10-605-155	Product Testing/Systems	1

(continued on next page)

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
<b>General Studies (21 Credits)</b>		
10-804-118	Intermediate Algebra with Applications	4
10-801-196	Oral/Interpersonal Comm	3
10-804-197	College Algebra & Trigonometry w/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  
Time of Day: Day and Evening • Full Time and Part Time

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	
10-449-188	Essentials of Manufacturing Safety	1
10-620-111	Pneumatics 1	1
10-620-112	Pneumatics 2	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
10-660-110	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
10-660-184	Computer Systems & Networks 1	1
10-628-151	PLC 1	1
10-660-170	Ladder Logic & Control Devices	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
10-628-187	AutoCAD Fundamentals	1
10-628-188	Blueprint Reading & AutoCAD	1
10-660-181	Technical Software Essentials	1
10-620-132	Industrial Electrical Applications	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
10-628-163	Robotics Integration	1
10-628-171	Instrumentation & Process Control 1	1
10-628-172	Instrumentation & Process Control 2	1
10-628-181	Visual Basic Programming 1	1
10-628-182	Visual Basic Programming 2	1
10-660-185	Computer Systems & Networks 2	1
10-628-173	Instrumentation & Process Control 3	1
10-628-176	Enterprise Integration 1	1
10-628-177	Enterprise Integration 2	1
10-628-194	Cell Integration	4
<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
10-809-199	Psychology of Human Relations	3
10-801-196	Oral/Interpersonal Comm	3
10-809-195	Economics	3
<b>Suggested Electives (1 Credit)</b>		
10-660-128	Semiconductors 1	1
10-620-192	Advanced Programmable Logic Controllers 1	1

**Looking for opportunities beyond an associate degree?**  
See page 16 for more information.



Find out how you can become an Electro-Mechanical or Automated Manufacturing Systems (AMS) Engineer: [www.fvtc.edu/AMSdegree](http://www.fvtc.edu/AMSdegree)

**Electro-Mechanical Technology** 10-620-1

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton, Oshkosh  
Time of Day: Day and Evening • Full Time and Part Time

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 (40 Credits)**

		Credits
10-449-188	Essentials of Manufacturing Safety	1
10-620-112	Pneumatics 2	1
10-620-164	Elements of Machines 1	1
10-628-101	Concepts of Programming for Technicians	1
10-660-110	DC Circuits 1	1
10-660-111	DC Circuits 2	1
10-660-114	AC Circuits 1	1
10-660-184	Computer Systems & Networks 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	Pneumatics 1	1
10-660-112	DC Circuits 3	1
10-620-188	System Troubleshooting	1
10-628-113	Electronic Construction Applications	1
10-628-153	PLC 3	1
10-628-159	Operator Interfaces	1
10-628-187	AutoCAD Fundamentals	1
10-628-188	Blueprint Reading & AutoCAD	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
10-660-185	Computer Systems & Networks 2	1
10-660-128	Semiconductors 1	1
10-620-113	Hydraulics 1	1
10-620-114	Hydraulics 2	1
10-620-189	Electromechanical Systems 1	1
10-620-193	Advanced Programmable Logic Controllers 2	1
10-628-161	Robotics 1	1
10-628-162	Robotics 2	1
10-628-171	Instrumentation & Process Control 1	1
10-628-172	Instrumentation & Process Control 2	1
10-628-173	Instrumentation & Process Control 3	1

**General Studies (18 Credits)**

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

**Suggested Electives (2 Credits)**

10-660-130	Digital Electronics Tech 1	1
10-660-131	Digital Electronics Tech 2	1
10-620-132	Industrial Electrical Applications	1
10-628-181	Visual Basic Programming 1	1
10-628-182	Visual Basic Programming 2	1

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

Associate Degree • 61 Credits • Financial Aid Eligible • Appleton  
Time of Day: Day and Evening • Full Time and Part Time

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**

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

**Technical Studies (44 Credits)**

		Credits
10-623-121	Engineering Materials	3
10-623-192	Graphics & Software Applications	4
10-606-119	Statics and Strength of Materials	3
10-620-164	Elements of Machines 1	1
10-620-165	Elements of Machines 2	1
10-623-168	Electrical Concepts & Components	2
10-623-195	Lean Tools	2
10-623-199	Manufacturing Processes for MfgET	3
10-449-188	Essentials of Manufacturing Safety	1
10-606-121	Elements of Machine Design	3
10-620-111	Pneumatics 1	1
10-620-113	Hydraulics 1	1
10-623-190	Lean Process Design	3
10-623-193	Automation for MfgET	3
10-623-120	Computer-Aided Manufacturing	4
10-623-132	Project Management	3
10-623-156	Manufacturing Cost Analysis	3
10-623-131	Tool Design	3

**General Studies (17 Credits)**

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

### Quality Engineering Technology 10-623-9

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton, Online  
Time of Day: Day and Evening • Full Time and Part Time

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 structured problem-solving methodologies including Six Sigma, 8D and PDSA (Plan-Do-Study-Act) to identify root causes and implement corrective actions. You'll also learn to apply the tools and techniques that support these methodologies. This program allows specialization in either industrial manufacturing where product inspection and measurement takes place or in food and paper processing where laboratory work is more common.

#### Career Opportunities

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

#### Technical Studies (39 Credits) Credits

10-623-106	Interpretation of Engineering Drawings	2
10-623-115	Quality Audits	3
10-623-157	Problem Solving Methodologies	3
10-623-195	Lean Tools	2
10-623-137	Applied Statistical Analysis 1	3
10-623-148	Manufacturing Processes	3
10-623-191	Lean Events	3
10-623-132	Project Management	3
10-623-138	Applied Statistical Analysis 2	3
10-623-173	Metrology, Inspection & Testing	3
10-623-155	Transformational Leadership	3
10-623-165	Project Application	3
10-623-166	Supplier Mgmt. & Performance Monitoring	3
10-623-175	Advanced Inspection Techniques	2

#### General Studies (15 Credits)

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

#### Suggested Electives (6 Credits)

10-623-101	Engineering Internship - 3 Cr	3
10-196-191	Supervision	3
10-699-116	Developing Product Documentation	3
10-103-120	MS Office Suite, Introduction	2
10-101-145	Spreadsheets, Beginning	1
10-623-194	Introduction to Six Sigma	3

### Quality Technician 30-623-6

Technical Diploma • 20 Credits • Financial Aid Eligible • Appleton, Online  
Time of Day: Day and Evening • Full Time and Part Time

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

Inspector	Quality Inspector
Quality Responder	Quality Specialist
Quality Technician	

#### Occupational Specific (14 Credits) Credits

10-623-106	Interpretation of Engineering Drawings	2
10-623-115	Quality Audits	3
10-623-148	Manufacturing Processes	3
10-623-157	Problem Solving Methodologies	3
10-623-173	Metrology, Inspection & Testing	3

#### Occupational Supportive (6 Credits)

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



Learn more about a career as a manufacturing or industrial engineer:  
[www.fvtc.edu/EngineerDegree](http://www.fvtc.edu/EngineerDegree)

**Looking for opportunities beyond an associate degree?**  
See page 16 for more information.



# MECHANICAL DESIGN

## Mechanical CAD Drafting 31-606-3

Technical Diploma • 27 Credits • Financial Aid Eligible • Appleton  
 Time of Day: Day and Evening • Full Time and Part Time

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
10-606-141	Introduction to SolidWorks	2
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 & Trigonometry w/ Apps	5
10-623-119	Manufacturing Processes with Lab	4

### 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  
 Time of Day: Day and Evening • Full Time and Part Time

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
10-606-141	Introduction to SolidWorks	2
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)

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 & Trigonometry w/ Apps	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
10-606-190	Mechanical Design Occupational Experience	2
10-606-106	Build Your Own 3D Printer	1

## SAFETY, ENERGY & ENVIRONMENTAL

### Safety Engineering Technology 10-449-3

Associate Degree • 60 Credits • Financial Aid Eligible • Online

Time of Day: Day and Evening • Full Time and Part Time

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

Safety Coordinator

Safety Trainer

Environmental Health & Safety Technician

Safety Officer/Manager

#### Technical Studies (38 Credits)

		Credits
10-449-102	Regulatory Compliance	3
10-449-103	Accident Investigation	3
10-449-162	Fundamentals of Occupational Safety	3
10-449-109	Industrial Fire Protection	3
10-449-116	Conducting EHS Training	1
10-806-134	General Chemistry	4
10-449-185	Construction Compliance	3
10-449-115	Industrial Hygiene Concepts	3
10-449-119	Ergonomics	3
10-449-134	Environmental Laws & Regulations in Industry	3
10-449-181	Safety Engineering and Technology	3
10-449-183	Hazardous Materials Management	3
10-449-120	Safety Management Systems	3

#### General Studies (19 Credits)

10-801-195	Written Communication	3
10-804-113	College Technical Math 1A	3
10-801-196	Oral/Interpersonal Comm	3
10-809-199	Psychology of Human Relations	3
10-806-198	Human Biology	4
10-809-197	Contemporary Amer Society	3

#### Suggested Electives (3 Credits)

10-449-168	Fall Protection	3
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### Wind Energy Technology

10-482-1

Associate Degree • 61 Credits • Financial Aid Eligible • Appleton

Time of Day: Day and Evening

A Lakeshore Technical College program offered at FVTC.

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

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

Want to  
continue your education  
beyond an associate degree?

Most programs offer transfer  
agreements with four-year colleges  
and universities. See page 16 for more  
information.

# Health Science

## Dental Assistant

31-508-1

Technical Diploma • 33 Credits • Financial Aid Eligible • Appleton

Time of Day: Day • Full Time

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 have the opportunity to achieve certification by taking and passing the Dental Assistant National Board. The Dental Assistant Program at FVTC is accredited by the Commission on Dental Accreditation.

### Career Opportunities

Dental Insurance Claim Representative  
Dental Sales Representative  
Dental Treatment Coordinator

Dental Office Manager  
Dental Technician  
Laboratory Assistant

### Occupational Specific (30 Credits)

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

### Occupational Supportive (3 Credits)

10-801-196 Oral/Interpersonal Comm	3
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## Dental Hygienist

10-508-1

Associate Degree • 70 Credits • Financial Aid Eligible • Appleton

Time of Day: Day • Full Time

Be the one who helps people achieve and maintain a healthy smile. Dental hygienists are licensed oral health professionals who focus on the prevention and treatment of oral diseases. As a dental hygienist, you'll work as a member of a dental health team, focusing on prevention, assessment, diagnosis, treatment planning, implementation, evaluation and documentation of oral disease. In this program, your training will include assessing patients for signs, symptoms and risk factors of oral disease. You'll get the skills needed to expose x-rays for diagnoses of oral disease and will learn how to administer local anesthesia and nitrous oxide/oxygen sedation. You'll also get training in counseling patients about nutrition, oral hygiene and dental care, and will gain skills in maintaining patient records. Upon completion, you'll be eligible to take the National Board Dental Hygiene Examination and the Central Regional Dental Testing Service Practical exam to become a licensed registered dental hygienist.

### Career Opportunity

Registered Dental Hygienist (RDH)

### Technical Studies (43 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
10-508-130 Dental Hygiene, Transition into Practice	1

### General Studies (27 Credits)

10-806-177 Gen Anatomy & Physiology	4
10-801-195 Written Communication	3
10-806-186 Intro to Biochemistry	4
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



**Health Information Technology** 10-530-1

Associate Degree • 61 Credits • Financial Aid Eligible • Online  
Time of Day: Day • Full Time

Want a career in the dynamic field of healthcare, but without the patient interaction? With this high-demand 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

<b>Technical Studies (43 Credits)</b>		<b>Credits</b>
10-501-101	Medical Terminology	3
10-501-107	Digital Literacy for Healthcare	2
10-530-162	Foundations of HIM	3
10-530-178	Healthcare Law & Ethics	2
10-530-182	Human Disease for the Health Professions	3
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
10-530-199	ICD Procedure Coding	2
10-530-159	Healthcare Revenue Management	3
10-530-161	Health Quality Management	3
10-530-165	Intermediate Coding	3
10-530-166	Health Information Technology Capstone	1
10-530-167	Management of HIM Resources	3
10-530-196	Professional Practice	3
<b>General Studies (18 Credits)</b>		
10-804-135	Quantitative Reasoning	3
10-806-189	Basic Anatomy	3
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-809-198	Intro to Psychology	3
10-809-195	Economics	3



 Learn how you can get the hands-on skills for a rewarding career as a Medical Assistant: [www.fvtc.edu/MAVideo](http://www.fvtc.edu/MAVideo)

**Medical Assistant** 31-509-1

Technical Diploma • 32 Credits • Financial Aid Eligible  
Appleton, Oshkosh, Wautoma

Time of Day: Day and Evening • Full Time and Part Time

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 and basic lab tests. 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	

<b>Occupational Specific (25 Credits)</b>		<b>Credits</b>
31-509-302	Human Body in Health & Disease	3
31-509-309	Medical Law, Ethics & Profess	2
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
31-509-305	Medical Asst Lab Procedures 2	2
31-509-306	Medical Asst Clin Procedures 2	3
31-509-310	Medical Assistant Practicum	3
31-509-308	Pharm for Allied Health	2
<b>Occupational Supportive (7 Credits)</b>		
10-501-107	Digital Literacy for Healthcare	2
31-501-301	Med Terminology	3
31-501-304	Contemporary Practices in Healthcare	2

**Medical Coding Specialist** 31-530-2

Technical Diploma • 28 Credits • Financial Aid Eligible • Online  
Time of Day: Day • Full Time

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'll gain an understanding of the anatomy, signs and symptoms of diseases, and medical procedures. You'll 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, for a health insurance company or continue on to the Health Information Technology Associate Degree.

**Career Opportunities**

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

<b>Occupational Specific (25 Credits)</b>		<b>Credits</b>
10-501-101	Medical Terminology	3
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
10-530-199	ICD Procedure Coding	2
10-530-159	Healthcare Revenue Management	3
<b>Occupational Supportive (3 Credits)</b>		
10-806-189	Basic Anatomy	3

**Medical Laboratory Technician** 10-513-1

Associate Degree • 64 Credits • Financial Aid Eligible • Appleton  
Time of Day: Day • Full Time

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**

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

<b>Technical Studies (40 Credits)</b>		<b>Credits</b>
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
10-513-140	Advanced Microbiology	2
10-513-151	Clinical Experience 1	3
10-513-152	Clinical Experience 2	4
10-513-170	Introduction to Molecular Diagnostics	2

<b>General Studies (24 Credits)</b>		
10-806-177	Gen Anatomy & Physiology	4
10-801-195	Written Communication	3
10-806-186	Intro to Biochemistry	4
10-806-197	Microbiology	4
10-809-198	Intro to Psychology	3
10-801-196	Oral/Interpersonal Comm	3
10-809-166	Intro to Ethics: Theory & App	3

**Neurodiagnostic Technologist** 10-525-2

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton  
Time of Day: Day • Full Time

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. This program includes a supervised practicum experience in a clinical setting while you are enrolled in the program.

**Career Opportunities**

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

<b>Technical Studies (42 Credits)</b>		<b>Credits</b>
10-501-101	Medical Terminology	3
10-501-107	Digital Literacy for Healthcare	2
10-501-153	Body Structure and Function	2
10-525-101	NDT: EEG Basic	3
10-525-102	NDT: Neuroanatomy	3
10-525-103	NDT: Nerve Conduction Studies Basic	3
10-525-116	NDT: Introduction to Practicum	2
10-525-104	NDT: EEG Advanced	4
10-525-105	NDT: Evoked Potentials Basic	2
10-525-107	NDT: Theory	3
10-525-109	NDT: Nerve Conduction Study Advanced	3
10-525-117	NDT: Practicum 1	3
10-525-118	EEG Symposium	1
10-525-119	Intro to Intraoperative Neuromonitoring	1
10-525-120	NDT: Practicum 2	5
10-525-121	Principles of Polysomnography	2

<b>General Studies (18 Credits)</b>		
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

**Looking for opportunities beyond an associate degree?**  
See page 16 for more information.

### Nursing - RN Associate Degree

10-543-1

Associate Degree • 65 Credits • Financial Aid Eligible • Appleton  
Time of Day: Day • Full Time

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. 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	Nursing Intro Clinical Practice	2
10-543-105	Nursing Health Alterations	3
10-543-106	Nursing Health Promotion	3
10-543-107	Nursing Clinical Care Across the Lifespan	2
10-543-108	Intro to Clinical Care Management	2
10-543-109	Nursing Complex Health Alterations I	3
10-543-110	Mental Health & Community Concepts	2
10-543-111	Nursing Intermediate Clinical Practice	3
10-543-112	Nursing Advanced Skills	1
10-543-113	Nursing Complex Health Alterations II	3
10-543-114	Nursing Management & Professional Concepts	2
10-543-115	Nursing Advanced 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



 Hear why Cobra is studying nursing at Fox Valley Tech: [www.fvtc.edu/NursingVideo](http://www.fvtc.edu/NursingVideo)

### Nursing Assistant

30-543-1

Technical Diploma • 3 Credits • Not Financial Aid Eligible  
Appleton, Chilton, Clintonville, Oshkosh, Waupaca, Wautoma  
Time of Day: Day and Evening • Full Time  
Also Offered in an Accelerated Format

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 • 66 Credits • Financial Aid Eligible • Appleton  
Time of Day: Day • Full Time

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)

<b>Technical Studies (39 Credits)</b>		<b>Credits</b>
10-543-118	LPN to ADN Pathway	1
10-543-101	Nursing Fundamentals	2
10-543-102	Nursing Skills	3
10-543-103	Nursing Pharmacology	2
10-543-104	Nursing Intro Clinical Practice	2
10-543-105	Nursing Health Alterations	3
10-543-106	Nursing Health Promotion	3
10-543-107	Nursing Clinical Care Across the Lifespan	2
10-543-108	Intro to Clinical Care Management	2
10-543-109	Nursing Complex Health Alterations I	3
10-543-110	Mental Health & Community Concepts	2
10-543-111	Nursing Intermediate Clinical Practice	3
10-543-112	Nursing Advanced Skills	1
10-543-113	Nursing Complex Health Alterations II	3
10-543-114	Nursing Management & Professional Concepts	2
10-543-115	Nursing Advanced Clinical Practice	3
10-543-116	Nursing Clinical Transition	2
<b>General Studies (27 Credits)</b>		
10-801-136	English Composition I	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

### Nursing, Paramedic to ADN Pathway

10-543-1PARA

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton  
Time of Day: Day • Full Time

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)

<b>Technical Studies (29 Credits)</b>		<b>Credits</b>
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	Nursing Complex Health Alterations I	3
10-543-110	Mental Health & Community Concepts	2
10-543-111	Nursing Intermediate Clinical Practice	3
10-543-112	Nursing Advanced Skills	1
10-543-113	Nursing Complex Health Alterations II	3
10-543-114	Nursing Management & Professional Concepts	2
10-543-115	Nursing Advanced Clinical Practice	3
10-543-116	Nursing Clinical Transition	2
<b>General Studies (27 Credits)</b>		
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 I	3
10-806-179	Adv Anatomy & Physiology	4
10-809-188	Developmental Psychology	3
10-806-197	Microbiology	4
<b>Electives (4 Credits)</b>		

**Looking for  
opportunities beyond  
an associate degree?**  
See page 16 for more information.

### Nursing, Practical

31-543-1

Technical Diploma • 30 Credits • Financial Aid Eligible • Appleton  
Time of Day: Day • Full Time

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)		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: Intro. to Clinical Care Mngmnt	2
Occupational Supportive (11 Credits)		
10-501-153	Body Structure and Function	2
10-801-136	English Composition I	3
10-809-188	Developmental Psychology	3
10-801-196	Oral/Interpersonal Comm	3



See how FVTC students have the unique opportunity to learn via a virtual human dissection table: [www.fvtc.edu/HealthVideo](http://www.fvtc.edu/HealthVideo)

### Occupational Therapy Assistant

10-514-1

Associate Degree • 64 Credits • Financial Aid Eligible • Appleton  
Time of Day: Day • Full Time

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 (45 Credits)		Credits
10-514-171	Introduction to Occupational Therapy	3
10-514-172	Medical and Psychosocial Conditions	3
10-514-173	Activity Analysis and Applications	2
10-514-174	OT Performance Skills	4
10-514-175	Psychosocial Practice	3
10-514-176	OT Theory and Practice	3
10-514-178	Geriatric Practice	3
10-514-179	Community Practice	2
10-514-184	OTA Fieldwork I	2
10-514-189	OT Physical Rehabilitation Practice	4
10-514-190	OT Pediatric Practice	4
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 (19 Credits)		
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-806-177	Gen Anatomy & Physiology	4
10-809-198	Intro to Psychology	3
10-809-172	Introduction to Diversity Studies	3
10-809-188	Developmental Psychology	3

"I came to FVTC because it was very affordable. I stayed at FVTC because of the amazing teachers and high-quality hands-on instruction."

Levi S.  
Nursing – RN Associate Degree



## Surgical Technology

10-512-1

Associate Degree • 64 Credits • Financial Aid Eligible • Oshkosh  
Time of Day: Day • Full Time

Become an integral member of the surgical team and work closely with surgeons, anesthesiologists, registered nurses and other surgical staff. The main role of the surgical technologist is to ensure a safe surgical environment before, during and after surgery. You'll gain hands-on experience learning roles and responsibilities through FVTC's state-of-the-art operating room suites and simulation technology. You'll be able to apply your knowledge and skills to the responsibilities of preparing the operating room, sterilizing equipment, ensuring the appropriate supplies and equipment are available and working properly for each procedure, passing instruments to the surgeon during the procedure, maintaining a sterile field, and preparing and applying sterile dressings after the procedures.

### Career Opportunities

Cast Application Technician	Dental Centers Technician
Emergency Room Technician	GI Technician
OB Technician	Office Surgical Technician
Operating Room Surgical Technologist	Ortho Technician
Traveling Surgical Technologist	

### Technical Studies (41 Credits)

	Credits	
10-501-101	Medical Terminology	3
10-512-125	Intro to Surgical Technology	4
10-512-126	Surgical Tech Fundamentals 1	4
10-512-127	Exploring Surgical Issues	2
10-512-128	Surgical Tech Fundamentals 2	4
10-512-129	Surgical Pharmacology	2
10-512-130	Surgical Skills Application	2
10-512-131	Surgical Interventions 1	4
10-512-132	Surgical Technology Clinical 1	3
10-512-133	Surgical Technology Clinical 2	3
10-512-135	Surgical Technology Clinical 3	3
10-512-136	Surgical Technology Clinical 4	3
10-512-142	Surgical Interventions II	4

### General Studies (20 Credits)

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

### Suggested Electives (3 Credits)

10-809-188	Developmental Psychology	3
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Find out how you can become an integral member of a surgical team with a degree from Fox Valley Tech: [www.fvtc.edu/SurgTechVideo](http://www.fvtc.edu/SurgTechVideo)

## Therapeutic Activity Specialist

30-514-1

Technical Diploma • 24 Credits • Partially Financial Aid Eligible • Appleton  
Time of Day: • Full Time and Part Time

As a Therapeutic Activity Specialist, you'll work with people in your community that have a variety of physical, emotional or cognitive challenges. This program will help you break down and modify activities, as well as, lead individual or group activities for the participants' benefit. Your training will include a basic understanding of the human body; common medical, emotional and cognitive conditions that affect activity performance; adapting activity; group facilitation skills; and basic documentation to meet the needs of the workplace.

### Career Opportunities

Activities Aide	Activities Assistant
Activities Coordinator	Activities Director
Activity Aide	Recreation Assistant
Recreation Coordinator	Recreation Leader
Recreation Leaders	Recreation Supervisor

### Occupational Specific (17 Credits)

	Credits	
30-514-301	Introduction to Activity Specialist	3
30-514-302	Conditions Across the Lifespan	3
30-514-303	Activity Program Coordination	3
30-514-304	Activity Facilitation I	3
30-514-305	Activity Facilitation II	3
30-514-306	Activity Specialist Capstone	2

### Occupational Supportive (7 Credits)

10-501-107	Digital Literacy for Healthcare	2
10-809-198	Intro to Psychology	3
31-801-318	Communication, Applied	2



# Information Technology

## NETWORK/COMPUTER SUPPORT

### Computer Support Specialist 10-154-3

Associate Degree • 61 Credits • Financial Aid Eligible • Online

Time of Day: Day • Full Time and Part Time

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 (46 Credits)

	Credits	
10-107-102	Exploring IT Foundations	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
10-107-110	IT Career Experience	2
10-150-147	Linux	2
10-150-156	Windows Server	3
10-154-101	Emerging Technologies and Trends	3
10-154-114	Infrastructure Automation	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

### Cybersecurity Specialist 10-151-2

Associate Degree • 61 Credits • Financial Aid Eligible • Appleton, Online

Time of Day: Day and Evening • Full Time and Part Time

Cybersecurity, including computer and information systems security, is a rapidly growing field. With a Cybersecurity 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

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

#### Technical Studies (46 Credits)

	Credits	
10-150-144	Ethical Hacking	3
10-150-161	Information Assurance	2
10-150-162	Network Essentials	2
10-504-176	CCI: Computer Crime Investigation	2
10-890-100	College Success: On Course	1
10-154-110	Enterprise Client	3
10-150-116	Network Infrastructure 1	3
10-150-155	Linux Essentials - Just Enough Linux	1
10-150-156	Windows Server	3
10-151-101	Risk and Incident Management	3
10-504-179	CCI: Basic Data Recovery	2
10-107-110	IT Career Experience	2
10-150-141	Operating Systems Security	2
10-150-147	Linux	2
10-150-159	Server Applications	3
10-150-168	Security Monitoring and Operations	3
10-150-160	Network Security	3
10-151-102	Cybersecurity Capstone	3
10-150-111	Scripting with Python	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



Learn about a great career in the ever-changing world of cybersecurity: [www.fvtc.edu/DMZ](http://www.fvtc.edu/DMZ)

## Help Desk Support Specialist

31-154-7

Technical Diploma • 26 Credits • Financial Aid Eligible • Online, Oshkosh  
Time of Day: Day • Full Time and Part Time

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

Occupational Specific (23 Credits)		Credits
10-107-102	Exploring IT Foundations	2
10-107-150	Microcomputer Applications	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
10-150-155	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
Occupational Supportive (3 Credits)		
10-801-196	Oral/Interpersonal Comm	3

## Network Specialist

10-150-2

Associate Degree • 61 Credits • Financial Aid Eligible • Appleton  
Time of Day: Day • Full Time and Part Time

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

Technical Studies (44 Credits)		Credits
10-150-116	Network Infrastructure 1	3
10-150-144	Ethical Hacking	3
10-150-162	Network Essentials	2
10-890-100	College Success: On Course	1
10-154-110	Enterprise Client	3
10-150-122	Network Infrastructure 2	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
10-150-125	Network Infrastructure 3	3
10-150-126	Infrastructure as a Service (IaaS)	3
10-150-127	IT Project Management	2
10-150-160	Network Security	3
10-150-111	Scripting with Python	3
10-107-110	IT Career Experience	2
10-150-104	Virtualization Infrastructure	3
10-150-163	Network Specialist 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)		
10-150-105	Virtualization Technologies	3
10-150-159	Server Applications	3



IT students share their experiences in  
FVTC programs: [www.fvtc.edu/ITVideo](http://www.fvtc.edu/ITVideo)

**Network Systems Administration** 10-150-5  
 Associate Degree • 63 Credits • Financial Aid Eligible • Appleton, Online  
 Time of Day: Day and Evening • Full Time and Part Time

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	Linux/UNIX System Administrator
Network Administrator	Network Analyst
Windows System Administrator	

**Technical Studies (46 Credits)**

	<b>Credits</b>
10-150-161 Information Assurance	2
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
10-150-116 Network Infrastructure 1	3
10-150-144 Ethical Hacking	3
10-150-155 Linux Essentials - Just Enough Linux	1
10-150-156 Windows Server	3
10-154-114 Infrastructure Automation	3
10-107-110 IT Career Experience	2
10-150-105 Virtualization Technologies	3
10-150-127 IT Project Management	2
10-150-141 Operating Systems Security	2
10-150-147 Linux	2
10-150-159 Server Applications	3
10-150-104 Virtualization 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)**

10-150-122 Network Infrastructure 2	3
10-150-146 Wireless Networking	2
10-150-168 Security Monitoring and Operations	3
10-154-101 Emerging Technologies and Trends	3

**SOFTWARE DEVELOPMENT/WEB**

**Data & Analytics Specialist** 10-156-3  
 Associate Degree • 60 Credits • Financial Aid Eligible • Online  
 Full Time and Part Time

As a Data Specialist, you'll collect, structure, transform, quality check and analyze data from numerous sources. You'll collaborate with decision-makers and stakeholders; create processes to gather, manage and utilize data; implement those processes using a variety of technologies to create reports and visualizations; and support data scientists, data architects and data consumers. Through their systems, analyses and communications, Data Specialists empower decisions and their organizations.

**Career Opportunities**

Data Science Technician	Data Specialist
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**Technical Studies (36 Credits)**

	<b>Credits</b>
10-150-155 Linux Essentials - Just Enough Linux	1
10-152-168 Data Access for Programmers	3
10-156-103 Python Data Programming	3
10-890-100 College Success: On Course	1
10-152-170 Data Administration Techniques	3
10-156-104 Data Analytics, Introduction	3
10-107-110 IT Career Experience	2
10-150-162 Network Essentials	2
10-156-105 Data Analytics, Intermediate	3
10-156-106 Programming in R	3
10-156-107 ETL & Data Warehousing	3
10-156-108 Business Intelligence & Data Visualization	3
10-156-109 Big Data	3
10-156-110 Data Analytics Capstone	3

**General Studies (21 Credits)**

10-801-196 Oral/Interpersonal Comm	3
10-804-133 Math & Logic	3
10-801-136 English Composition 1	3
10-804-189 Introductory Statistics	3
10-809-166 Intro to Ethics: Theory & App	3
10-804-135 Quantitative Reasoning	3
10-809-198 Intro to Psychology	3

**Suggested Electives (3 Credits)**

10-801-197 Technical Reporting	3
10-152-101 HTML 5	3
10-107-158 Systems Analysis	3



Find out how you can be the hero that turns data into usable information that is critical in enhancing a company's success: [www.fvtc.edu/DataAnalystVideo](http://www.fvtc.edu/DataAnalystVideo)

## Software Developer

10-152-1

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton  
Time of Day: Day and Evening • Full Time and Part Time

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 (45 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
10-152-134	Modern JavaScript	3
10-152-170	Data Administration Techniques	3
10-107-110	IT Career Experience	2
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

## Web Design

31-152-2

Technical Diploma • 28 Credits • Financial Aid Eligible • Appleton, Online  
Time of Day: Day and Evening • Full Time and Part Time

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
10-152-134	Modern JavaScript	3
10-152-168	Data Access for Programmers	3

### Occupational Supportive (3 Credits)

10-801-195	Written Communication	3
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**Web Development & Design Specialist** 10-152-2

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton, Online  
 Time of Day: Day and Evening • Full Time and Part Time

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)**

	<b>Credits</b>
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
10-152-134 Modern JavaScript	3
10-152-168 Data Access for Programmers	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 Career Experience	2
10-152-126 Agile Development	3

**General Studies (15 Credits)**

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

**Suggested Electives (3 Credits)**

10-152-116 C# Intermediate Programming	3
10-107-158 Systems Analysis	3
10-152-170 Data Administration Techniques	3

**"Before I even started at FVTC, the Veterans Resource Center helped me through every process from claiming my benefits to enrollment."**

**Heather H.  
Software Developer**

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

**See page 16 for more information.**

# Manufacturing

## INDUSTRIAL MAINTENANCE

### Industrial Maintenance Mechanic 31-462-2

Technical Diploma • 26 Credits • Financial Aid Eligible • Appleton

Time of Day: Day and Evening • Full Time and Part Time

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

#### Career Opportunities

Industrial Maintenance Technician      Industrial Machine Operator

Occupational Specific (26 Credits)		Credits
10-620-111	Pneumatics 1	1
10-620-112	Pneumatics 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
10-449-188	Essentials of Manufacturing Safety	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
10-660-184	Computer Systems & Networks 1	1
10-660-181	Technical Software Essentials	1



Get a hands-on, high tech view of FVTC's Manufacturing programs: [www.fvtc.edu/ManufacturingVideo](http://www.fvtc.edu/ManufacturingVideo)

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

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

Time of Day: Day and Evening • Full Time and Part Time

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

<b>Technical Studies (39 Credits)</b>	<b>Credits</b>
10-499-039 Journeyworker-Advanced Standing	39

#### General Studies (15 Credits)

Select a total of 3 credits from these options:

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

Select a total of 6 credits from these options:

10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-801-197	Technical Reporting	3
10-801-198	Speech	3
10-801-136	English Composition 1	3
10-801-141	Introduction to Mass Communications	3

Select a total of 3 credits from these options:

10-809-195	Economics	3
10-809-196	Intro to Sociology	3
10-809-197	Contemporary Amer Society	3
10-809-103	Think Critically & Creatively	3
10-809-166	Intro to Ethics: Theory & App	3
10-809-172	Introduction to Diversity Studies	3

Select a total of 3 credits from these options:

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
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

#### Electives (6 Credits)

# MANUFACTURING OPERATIONS

## Industrial Engineering Technology 10-623-1

Associate Degree • 60 Credits • Financial Aid Eligible • Online

Time of Day: Day and Evening • Full Time and Part Time

Prepare to be an effective team member and problem solver in any industry. In this program, you'll learn the important tools of industrial engineering like motion and time study and ergonomics. You'll also gain insight into lean production principles and learn how to use structured problem-solving methodologies including Six Sigma, 8D and PDSA (Plan-Do-Study-Act) to identify root causes and implement corrective actions. You'll also learn to apply the tools and techniques that support these methodologies to improve the workplace around you.

### Career Opportunities

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

### Technical Studies (40 Credits) Credits

10-623-106	Interpretation of Engineering Drawings	2
10-623-157	Problem Solving Methodologies	3
10-623-179	Industrial Engineering Essentials	3
10-623-195	Lean Tools	2
10-623-137	Applied Statistical Analysis 1	3
10-623-148	Manufacturing Processes	3
10-623-191	Lean Events	3
10-623-107	IE/ME-Work Measurement	3
10-623-132	Project Management	3
10-623-138	Applied Statistical Analysis 2	3
10-623-155	Transformational Leadership	3
10-623-165	Project Application	3
10-449-119	Ergonomics	3
10-623-156	Manufacturing Cost Analysis	3

### General Studies (15 Credits)

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

### Suggested Electives (5 Credits)

10-623-102	Engineering Internship - 2 Cr	2
10-196-191	Supervision	3
10-699-116	Developing Product Documentation	3
10-103-120	MS Office Suite, Introduction	2
10-101-145	Spreadsheets, Beginning	1
10-623-194	Introduction to Six Sigma	3

## Process Technician 30-623-7

Technical Diploma • 20 Credits • Financial Aid Eligible • Online

Time of Day: Day and Evening • Full Time and Part Time

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	

### Occupational Specific (14 Credits) Credits

10-623-106	Interpretation of Engineering Drawings	2
10-804-107	College Mathematics	3
10-623-179	Industrial Engineering Essentials	3
10-623-107	IE/ME-Work Measurement	3
10-623-148	Manufacturing Processes	3

### Occupational Supportive (6 Credits)

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

**Want to continue your education  
beyond an  
associate degree?**

Most programs offer transfer  
agreements with four-year colleges  
and universities. See page 16 for more  
information.



# METAL MACHINING, FABRICATION & WELDING

**Machine Tool Technician - Precision Machinist** 32-420-1  
 Technical Diploma • 61 Credits • Financial Aid Eligible • Appleton  
 Time of Day: Day and Evening • Full Time and Part Time

Machinists make up the majority of workers in the metalworking trades and create precise parts from CAD drawings for a variety of industries. Some of those industries include machinery manufacturing, transportation, printing, medical, food industries and defense. In this program, you'll receive hands-on training in machine set-up, interpreting CAD drawings, determining the order of operations, part programming, operating machine tools both manual and CNC (computer numerical controlled), and precision inspection of completed parts. You'll learn how to shape parts to precise dimensions from a variety of materials, ranging from plastics to various types of steel and alloys. Plus, you'll gain skills using a variety of machine tools including lathes, milling machines, surface and cylindrical grinders, drill presses and saws.

### Career Opportunities

Machinist	Programmer
Project Manager	Estimator
Shop Supervisor	Sales
Manufacturing Engineer	Shop Owner

### Occupational Specific (52 Credits)

	Credits	
32-420-331	Measurement & Benchwork 1	3
32-420-332	Measurement & Benchwork 2	3
32-420-333	Engine Lathe 1	3
32-420-334	Engine Lathe 2	3
32-420-350	Blueprint Reading, Basic-MTO	1
32-420-335	Manual Milling Machines 1	3
32-420-336	Manual Milling Machines 2	3
32-420-337	Manual Machine Tools, Adv. 1	3
32-420-338	Manual Machine Tools, Adv. 2	3
32-420-353	Blueprint Reading, Adv-MTO	1
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

### Occupational Supportive (9 Credits)

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

## Welding Technology, Industrial

10-621-1

Associate Degree • 63 Credits • Financial Aid Eligible • Appleton, Oshkosh  
 Time of Day: Day and Evening • Full Time and Part Time

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

### Career Opportunities

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


### Technical Studies (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

### General Studies (18 Credits)

10-801-196	Oral/Interpersonal Comm	3
10-804-107	College Mathematics	3
10-801-195	Written Communication	3
10-806-139	Survey of Physics	3
10-809-103	Think Critically & Creatively	3
10-809-199	Psychology of Human Relations	3



 Hear Olivia's story on how she's on her way to becoming a Welding Engineer:  
[www.fvtc.edu/Welding21](http://www.fvtc.edu/Welding21)

## Welding, Production

30-442-1

Technical Diploma • 13 Credits • Not Financial Aid Eligible • Appleton, Oshkosh  
Time of Day: Day and Evening • Full Time and Part Time

Production welders are in high demand. You'll find employment opportunities in ironwork, construction and manufacturing, and could find yourself working on large amphibious vehicles and fire trucks, or small metal products like lawnmowers 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  
Time of Day: Day and Evening • Full Time and Part Time

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

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

### 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  
Time of Day: Day and Evening • Full Time and Part Time

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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**"You get different views on how to do things and the instructors help you find what works best for you."**

Patrick V.,  
Wood Manufacturing Technology

## WOOD MANUFACTURING

**Woodworking Technology** 31-409-3  
 Technical Diploma • 37 Credits • Financial Aid Eligible • Oshkosh  
 Time of Day: Day • Full Time

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

<b>Occupational Specific (33 Credits)</b>		<b>Credits</b>
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
<b>Occupational Supportive (4 Credits)</b>		
31-804-307	Math for the Trades	2
31-890-307	Workplace Reality	2



Check out what it's like to be enrolled in FVTC's Wood Manufacturing program:  
[www.fvtc.edu/WoodVideo](http://www.fvtc.edu/WoodVideo)

# Marketing, Sales & Service

## INTERIOR DESIGN

### Interior Design 10-304-1

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton

Time of Day: Day • Full Time and Part Time

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	Cnstrctn 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)

10-801-196	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
10-809-195	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

Time of Day: Day • Full Time and Part Time

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 (39 Credits) Credits

10-304-110	Fundamentals of Design	3
10-304-125	Basic Interior Design	3
10-304-127	Color Theory	3
10-304-154	Cnstrctn 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
10-304-143	Design Applications	3
10-304-176	Internship - Kitchen & Bath	3

#### General Studies (18 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
10-809-195	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
10-304-150	Computer Basics for Design	1
10-304-152	Flooring	1
10-304-161	Advanced CAD	2
10-304-173	Interior Display	2
10-304-128	Commercial CAD	2

### Kitchen & Bath Design Assistant NEW 31-304-4

Technical Diploma • 27 Credits • Financial Aid Eligible • Appleton

Time of Day: Day • Full Time and Part Time

Take your interior design skills to the next level with the Kitchen & Bath Design Assistant Technical Diploma. Gain knowledge in kitchen and bath design based on the National Kitchen and Bath Design standards, color theory, estimating and sales, drafting, construction and mechanicals, and lighting, along with the latest design software. An internship in the kitchen and bath field will give you the opportunity to apply what you have learned. The program is a great fit for those with interior design experience wishing to add kitchen and bath design to their skillset.

#### Career Opportunities

Junior Kitchen & Bath Designer Kitchen & Bath Sales Associate  
Kitchen & Bath Design Assistant Design Assistant

#### Occupational Specific (27 Credits) Credits

10-304-127	Color Theory	3
10-304-154	Cnstrctn Applications - Mechanical & Lighting	3
10-304-167	Drafting Skills for Interiors	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
10-304-176	Internship - Kitchen & Bath	3

## MARKETING

### Digital Marketing

Technical Diploma • 28 Credits • Financial Aid Eligible

Appleton, Online, Oshkosh

Time of Day: Day and Evening • Full Time and Part Time

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

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

Occupational Specific (28 Credits)		Credits
10-103-109	Tech. Tools for Marketing, Communication	2
10-104-100	Digital Marketing	3
10-104-103	Promotion Principles	3
10-104-106	Business Communication	3
10-104-151	Marketing 1, Principles of	3
10-103-108	Technology Tools for Marketing, Data	2
10-104-101	Marketing Analytics	3
10-104-107	Content Creation	3
10-104-108	Social Media Marketing	3
10-104-109	Digital Media Buying	3

### Marketing

Associate Degree • 62 Credits • Financial Aid Eligible

Appleton, Online, Oshkosh

Time of Day: Day and Evening • Full Time and Part Time

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

### Technical Studies (47 Credits)

	Credits	
10-102-112	Business, Introduction to	3
10-103-109	Tech. Tools for Marketing, Communication	2
10-104-151	Marketing 1, Principles of	3
10-104-117	Sales Principles	3
10-104-103	Promotion Principles	3
10-104-107	Content Creation	3
10-104-118	Professional Sales	2
10-104-100	Digital Marketing	3
10-104-106	Business Communication	3
10-104-108	Social Media Marketing	3
10-104-109	Digital Media Buying	3
10-106-199	Business Career Planning	1
10-101-107	Accounting, Principles of	3
10-103-108	Technology Tools for Marketing, Data	2
10-104-101	Marketing Analytics	3
10-104-102	Marketing Strategy	3
10-104-119	Sales Strategy	2
10-104-126	Marketing Internship	2

### General Studies (15 Credits)

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

## SALES & SERVICE

### Sales Specialist

30-104-7

Technical Diploma • 10 Credits • Not Financial Aid Eligible

Appleton, Online, Oshkosh

Time of Day: Day and Evening • Full Time and Part Time

A successful sales career begins with developing strong listening, communication and negotiation skills that can be used in any business environment. The Sales Specialist program will train you on the latest sales strategies, techniques and technologies, and is a great fit if you have no sales experience or are seeking career advancement. Get the skills you need to jump-start your sales career.

#### Career Opportunities

Sales Representative	Sales Specialist
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Occupational Specific (10 Credits)		Credits
10-104-117	Sales Principles	3
10-104-118	Professional Sales	2
10-104-106	Business Communication	3
10-104-119	Sales Strategy	2

# Public Safety

## EMERGENCY MEDICAL SERVICES (EMS)

**Emergency Medical Technician** 30-531-3  
 Technical Diploma • 5 Credits • Not Financial Aid Eligible • Appleton, Chilton  
 Time of Day: Day • Full Time

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)    Emergency Room Technician  
 Industrial Emergency Medical Technician

<b>Occupational Specific (5 Credits)</b>	<b>Credits</b>
10-531-169    Emergency Medical Technician - Basic	5

**Emergency Medical Technician – Paramedic** 31-531-1  
 Technical Diploma • 41 Credits • Financial Aid Eligible • Appleton  
 Time of Day: Day • Full Time

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

<b>Occupational Specific (41 Credits)</b>		<b>Credits</b>
10-531-911	EMS Fundamental	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

**Want to continue your education beyond an associate degree?**

Most programs offer transfer agreements with four-year colleges and universities. See page 16 for more information.



See the Public Safety Training Center up close: [www.fvtc.edu/PublicSafetyVideo](http://www.fvtc.edu/PublicSafetyVideo)



## FIRE PROTECTION

### Fire Protection Technician 10-503-2

Associate Degree • 64 Credits • Financial Aid Eligible • Appleton  
Time of Day: Day and Evening • Full Time and Part Time

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

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

#### Technical Studies (46 Credits)

	Credits
10-503-135 Firefighter Functional Fitness	1
10-503-142 Fire Fighting Principles	4
10-503-149 Hazardous Materials Technician	3
10-503-191 Principles of Emergency Services	2
10-503-143 Building Construction for Fire Protection	3
10-503-151 Fire Prevention	4
10-503-192 Principles of Emergency Services Safety & Survival	3
10-531-169 Emergency Medical Technician - Basic	5
10-503-193 Fire Protection Systems	3
10-503-194 Fire Protection Hydraulics	3
10-503-105 Technical Rescue	3
10-503-130 Fire Protection Internship	2
10-503-156 Strategies, Tactics, & Incident Mngmnt Systems	4
10-503-157 Fire Investigation	3
10-503-195 Fire Behavior and Combustion	3

#### General Studies (18 Credits)

10-804-107 College Mathematics	3
10-806-189 Basic Anatomy	3
10-801-136 English Composition I	3
10-809-198 Intro to Psychology	3
10-801-196 Oral/Interpersonal Comm	3
10-809-196 Intro to Sociology	3



 Hear Xiong's story about how he became a firefighter and a role model for his community: [www.fvtc.edu/FireVideo](http://www.fvtc.edu/FireVideo)

## LAW ENFORCEMENT

### Asset Protection 10-504-3

Associate Degree • 61 Credits • Financial Aid Eligible • Online  
Time of Day: Day and Evening • Full Time and Part Time

The need for skilled physical/cyber 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, physical and cyber security, private investigations, and an introduction to the criminal justice system. You'll also learn how to conduct security surveys 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

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

#### Technical Studies (40 Credits)

	Credits
10-150-162 Network Essentials	2
10-504-204 Criminal Justice System	3
10-150-161 Information Assurance	2
10-504-142 Private Investigations, Introduction to	3
10-504-203 Crime Prevention Principles	3
10-504-207 Communicating Professionally	3
10-150-168 Security Monitoring and Operations	3
10-504-106 Principles of Emergency Management	3
10-504-109 Electronic Security Applications	3
10-504-147 Industrial Security	3
10-102-112 Business, Introduction to	3
10-150-144 Ethical Hacking	3
10-504-108 Physical Security Applications	3
10-504-123 Security Law	3

#### General Studies (18 Credits)

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
10-801-195 Written Communication	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
10-196-191 Supervision	3
10-504-103 Cultural Diversity In Criminal Justice	3

**Criminal Justice**

10-504-5

Associate Degree • 63 Credits • Financial Aid Eligible • Appleton, Online  
Time of Day: Day and Evening • Full Time and Part Time

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**

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

**Technical Studies (42 Credits)**

	Credits
10-504-201 Introduction to Corrections	3
10-504-204 Criminal Justice System	3
10-504-103 Cultural Diversity In Criminal Justice	3
10-504-207 Communicating Professionally	3
10-504-208 Criminal Procedures	3
10-504-110 Introduction to Forensic Science	3
10-504-203 Crime Prevention Principles	3
10-504-205 Writing Reports	3
10-504-209 Juvenile Procedures	3
10-504-210 Police Community Relations	3
10-504-106 Principles of Emergency Management	3
10-504-200 Criminal Justice Issues Capstone	2
10-504-211 Constitutional Principles	3
10-504-120 Cultural Competence & Ethics in Criminal Justice	3
10-504-117 Employment Strategies in Public Safety	1

**General Studies (18 Credits)**

10-801-196 Oral/Interpersonal Comm	3
10-804-135 Quantitative Reasoning	3
10-809-196 Intro to Sociology	3
10-801-195 Written Communication	3
10-809-198 Intro to Psychology	3
10-809-159 Abnormal Psychology	3

**Suggested Electives (3 Credits)**

10-141-115 Spanish 1 Law Enforcement	3
10-504-181 Public Safety Fitness and Wellness	3

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

30-504-2

Technical Diploma • 23 Credits • Financial Aid Eligible • Appleton  
Time of Day: Day • Full Time

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 (23 Credits)**

	Credits
30-504-500 Overview of Patrol Response	2
30-504-501 Physical Fitness	1
30-504-502 Application of Investigations	1
30-504-503 Overview of Criminal Justice	1
30-504-504 Principles of Emergency Vehicle Response	2
30-504-505 Sensitive Crimes	2
30-504-506 Overview of Investigations	2
30-504-507 Application of Traffic Response	3
30-504-508 Principles of Investigations	1
30-504-509 Principles of Tactics	5
30-504-510 Overview of Tactics	1
30-504-511 Scenario Assessment	1
30-531-331 Law Enforcement Emergency Response	1



Hear why Rachel enrolled in the Criminal Justice program at Fox Valley Tech:  
[www.fvtc.edu/LawEnforceVideo](http://www.fvtc.edu/LawEnforceVideo)

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

See page 16 for more information.



"FVTC has helped me break through so many barriers, starting with learning English and then helping me believe in myself."

Ana M.  
Criminal Justice



## Forensic Science

10-504-4

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton, Online  
Time of Day: Day and Evening • Full Time and Part Time

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 (40 Credits)

	Credits	
10-504-110	Introduction to Forensic Science	3
10-504-168	Property/Evidence Management	2
10-504-103	Cultural Diversity In Criminal Justice	3
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
10-504-178	CCI: Investigating Internet Crime	2
10-504-205	Writing Reports	3
10-504-209	Juvenile Procedures	3
10-504-105	Basic Medicolegal Death Investigation	3
10-504-180	Forensic Science Capstone	3
10-504-211	Constitutional Principles	3

### General Studies (18 Credits)

10-801-196	Oral/Interpersonal Comm	3
10-804-135	Quantitative Reasoning	3
10-801-195	Written Communication	3
10-806-189	Basic Anatomy	3
10-809-103	Think Critically & Creatively	3
10-809-198	Intro to Psychology	3

### Suggested Electives (2 Credits)

10-504-176	CCI: Computer Crime Investigation	2
10-504-179	CCI: Basic Data Recovery	2
10-504-194	Forensic Anthropology, Intro to	3
10-504-181	Public Safety Fitness and Wellness	3

# Transportation

## AUTOMOTIVE

### Auto Collision Repair & Refinishing Technician

32-405-1

Technical Diploma • 54 Credits • Financial Aid Eligible • Appleton

Time of Day: Day • Full Time

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	
10-405-150	Refinishing Set-up and Safety	2
10-405-151	Part Removal and Installation	3
10-405-153	Basic Nonstructural Repair	3
10-405-154	Advanced Nonstructural Repair	2
10-405-152	Steel MIG Welding	2
10-405-155	Plastic Repair	2
10-405-156	Surface Preparation and Masking	2
10-405-157	Basic Refinishing Application	3
10-405-158	Advanced Refinishing Application	3
10-405-159	Refinishing Color Theory	2
10-405-160	Estimating	3
10-405-162	Collision Structural Damage Analysis	3
10-602-100	Automotive Maintenance and Light Repair 1	4
10-405-161	Advanced Joining Techniques	2
10-405-163	Welded Panel Replacement	4
10-405-164	Collision Heating & Cooling	2
10-405-165	Collision Basic Electrical	2
10-405-166	Collision Avoidance	2
10-405-167	Collision Alignment	2

#### Occupational Supportive (6 Credits)

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

### Automotive & Light Duty Truck Technician

32-602-2

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	Auto. 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

#### Occupational Supportive (6 Credits)

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

### Automotive Maintenance & Light Repair Technician

30-602-3

Technical Diploma • 16 Credits • Financial Aid Eligible • Appleton

Time of Day: Day • Full Time

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

Looking for  
opportunities beyond  
an associate degree?

See page 16 for more information.



Get an up-close view of Fox Valley Tech's Transportation programs:  
[www.fvtc.edu/TransportationVideo](http://www.fvtc.edu/TransportationVideo)

### Automotive Technician - Imports 32-602-1

Technical Diploma • 55 Credits • Financial Aid Eligible • Appleton  
Time of Day: Day • Full Time

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	Auto. 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

### Automotive Technology 10-602-3

Associate Degree • 64 Credits • Financial Aid Eligible • Appleton  
Time of Day: Day • Full Time

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 Rep.

#### 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	Auto. 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  
Time of Day: Day • Full Time

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	Auto. 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 • 64 Credits • Financial Aid Eligible • Appleton  
Time of Day: Day • Full Time

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 (45 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
10-806-173	Applied Science for Transportation	1
10-602-134	Automotive Engines Measuring - ASEP	3
10-602-141	Dealership Co-op 1 - ASEP	2
10-602-199	Electrical and Electronics 1-GM	3
10-602-135	Dealership Co-op 2 - ASEP	2
10-602-137	Dealership Co-op 3 - ASEP	2
10-602-164	Automotive HVAC-ASEP	2
10-602-165	Advanced Chassis Systems-ASEP	2
10-602-200	Electrical and Electronics 2-GM	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
10-602-148	GM ASEP Automatic Transmission/Transaxle	2

#### 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)

10-602-152	Automotive Service Consulting	3
10-602-153	Automotive Service Management	3

**"The experience the instructors have adds another level to the classes because it's from a person who has been there and done it."**

**Deacon A.**  
**Automotive Technology – Imports**

### GM Express Service Technician 30-602-5

Technical Diploma • 18 Credits • Financial Aid Eligible • Appleton

Learn the necessary skills for a high-demand, maintenance-centered career in a General Motors (GM) dealership or ACDelco repair center. With this technical diploma, you'll receive training in braking systems, automotive electrical systems, steering and suspension systems. The coursework will prepare you for the ASE G1 test and earn you GM factory training credit. Your training will include a strong emphasis on being professional in the workplace.

#### Career Opportunities

GM Automotive Technician                      GM Express Service Technician

#### Occupational Specific (13 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
10-602-141	Dealership Co-op 1 - ASEP	2

### Vehicle Refinishing & Repair Technology 10-405-3

Associate Degree • 63 Credits • Financial Aid Eligible • Appleton

Time of Day: Day • Full Time

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

10-405-150	Refinishing Set-up and Safety	2
10-405-153	Basic Nonstructural Repair	3
10-405-154	Advanced Nonstructural Repair	2
10-405-151	Part Removal and Installation	3
10-405-152	Steel MIG Welding	2
10-405-155	Plastic Repair	2
10-405-156	Surface Preparation and Masking	2
10-405-157	Basic Refinishing Application	3
10-405-158	Advanced Refinishing Application	3
10-405-159	Refinishing Color Theory	2
10-405-160	Estimating	3
10-405-162	Collision Structural Damage Analysis	3
10-602-100	Automotive Maintenance and Light Repair 1	4
10-405-161	Advanced Joining Techniques	2
10-405-164	Collision Heating & Cooling	2
10-405-165	Collision Basic Electrical	2
10-405-166	Collision Avoidance	2
10-405-167	Collision Alignment	2
10-405-163	Welded Panel Replacement	4

### General Studies (15 Credits)

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

## DIESEL

### Diesel Construction Equipment Service Technician (FABTECH)

32-412-3

Technical Diploma • 55 Credits • Partially Financial Aid Eligible • Oshkosh  
 Time of Day: Day • Full Time

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	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 • Partially Financial Aid Eligible • Oshkosh  
Time of Day: Day • Full Time

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
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 • 34 Credits • Financial Aid Eligible • Appleton  
Time of Day: Day and Evening • Full Time

Get the entry-level skills you need to get started in a high-demand career in commercial motor vehicle maintenance and repair. With this technical diploma, you'll receive classroom theory and hands-on training in heavy-duty diesel engine maintenance, air and hydraulic brake systems, drivetrains, steering and suspensions, and electrical systems. You'll have the opportunity to work on our fleet of over 75 diesel-powered over-the-road tractors and 55 trailers giving you a broad learning experience.

#### Career Opportunities

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

#### Occupational Specific (33 Credits)

		Credits
10-412-103	Heavy Duty Diesel Steering & Suspension	4
10-412-104	Heavy Duty Diesel Engine Maintenance	4
10-412-102	Introduction to Diesel Technology	4
10-412-107	Heavy Duty Diesel Air & Hydraulic Brakes	4
10-412-105	Heavy Duty Diesel HVAC & Cab Systems	4
10-412-106	Heavy Duty Diesel Drivetrains	4
10-412-109	Heavy Duty Diesel Electrical Systems	4
10-412-124	Heavy Duty Diesel Capstone	1
10-412-108	Heavy Duty Diesel Foundation Brakes	4

#### Occupational Supportive (1 Credit)

10-442-120	Related Welding	1
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### Diesel Equipment Technology with CDL NEW 32-412-5

Technical Diploma • 59 Credits • Financial Aid Eligible • Appleton  
Time of Day: Day and Evening

Skilled diesel technicians are in high demand. Get the skills you need for a great career in commercial motor vehicle maintenance, repair and advanced diagnostics. With this technical diploma, you'll receive in-depth theory and extensive hands-on training in heavy-duty diesel engine maintenance, air brake and hydraulic brake systems, drivetrains, steering and suspensions, and electrical systems. You'll also gain skills in diesel engine rebuild and repair, engine systems, computer control systems and advanced drivetrain systems while you work on our fleet of over 75 diesel-powered over-the-road tractors and 55 trailers. The addition of the commercial driver's license (CDL) will provide you skills required for test-driving heavy-duty trucks. Your first step in this program is to apply to the Diesel Equipment Mechanic technical diploma. From there, credits can be transferred into this program once requirements are met.

#### Career Opportunities

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

#### Occupational Specific (59 Credits)

		Credits
10-412-102	Introduction to Diesel Technology	4
10-412-103	Heavy Duty Diesel Steering & Suspension	4
10-412-104	Heavy Duty Diesel Engine Maintenance	4
10-412-105	Heavy Duty Diesel HVAC & Cab Systems	4
10-412-106	Heavy Duty Diesel Drivetrains	4
10-412-107	Heavy Duty Diesel Air & Hydraulic Brakes	4
10-442-120	Related Welding	1
10-412-108	Heavy Duty Diesel Foundation Brakes	4
10-412-109	Heavy Duty Diesel Electrical Systems	4
10-412-124	Heavy Duty Diesel Capstone	1
10-412-110	Heavy Duty Diesel Computer Controls	4
10-412-116	Heavy Duty Diesel Advanced Drivetrain	4
30-458-301	Commercial Driver's License-Theory	2
30-458-302	Class A CDL-Behind the Wheel Range	3
10-412-120	Heavy Duty Diesel Advanced Engine Repair	4
10-412-123	Heavy Duty Diesel Engine Systems	4
30-458-303	Class A CDL-Behind the Wheel Public Road	3
30-458-304	Commercial Driver's License-Theory 2	1

### Diesel Equipment Technology 10-412-1

Associate Degree • 65 Credits • Financial Aid Eligible • Appleton  
Time of Day: Day and Evening • Full Time

Skilled diesel technicians are in high demand. Get the skills you need for a great career in commercial motor vehicle maintenance, repair and advanced diagnostics. With this associate degree, you'll receive in-depth theory and extensive hands-on training in heavy-duty diesel engine maintenance, air brake and hydraulic brake systems, drivetrains, steering and suspensions, and electrical systems. You'll also gain skills in diesel engine rebuild and repair, engine systems, computer control systems and advanced drivetrain systems while you work on our fleet of over 75 diesel-powered over-the-road tractors and 55 trailers. 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	

<b>Technical Studies (50 Credits)</b>		<b>Credits</b>
10-412-103	Heavy Duty Diesel Steering & Suspension	4
10-412-104	Heavy Duty Diesel Engine Maintenance	4
10-412-102	Introduction to Diesel Technology	4
10-412-107	Heavy Duty Diesel Air & Hydraulic Brakes	4
10-412-106	Heavy Duty Diesel Drivetrains	4
10-412-105	Heavy Duty Diesel HVAC & Cab Systems	4
10-412-109	Heavy Duty Diesel Electrical Systems	4
10-412-124	Heavy Duty Diesel Capstone	1
10-412-108	Heavy Duty Diesel Foundation Brakes	4
10-412-110	Heavy Duty Diesel Computer Controls	4
10-412-116	Heavy Duty Diesel Advanced Drivetrain	4
10-412-123	Heavy Duty Diesel Engine Systems	4
10-412-120	Heavy Duty Diesel Advanced Engine Repair	4
10-442-120	Related Welding	1

<b>General Studies (15 Credits)</b>		<b>Credits</b>
10-801-196	Oral/Interpersonal Comm	3
10-801-195	Written Communication	3
10-804-123	Math w Business Apps	3
10-809-166	Intro to Ethics: Theory & App	3
10-809-199	Psychology of Human Relations	3

**Diesel Power Generation & Marine Service Tech (FABTECH)** 32-412-2

Technical Diploma • 55 Credits • Partially Financial Aid Eligible • Oshkosh  
Time of Day: Day • Full Time

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	

<b>Occupational Specific (50 Credits)</b>		<b>Credits</b>
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

<b>Occupational Supportive (5 Credits)</b>		<b>Credits</b>
10-804-113	College Technical Math 1A	3
31-801-318F	FABTECH Applied Communication	2

## TRUCK DRIVING

**Truck Driving** 30-458-1  
Technical Diploma • 9 Credits • Not Financial Aid Eligible • Appleton  
Time of Day: Day and Evening • Full Time

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, knowledge and certifications 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

<b>Occupational Specific (9 Credits)</b>		<b>Credits</b>
30-458-304	Commercial Driver's License -Theory 2	1
30-458-301	Commercial Driver's License -Theory	2
30-458-302	Class A CDL-Behind the Wheel Range	3
30-458-303	Class A CDL-Behind the Wheel Public Road	3

**Looking for opportunities beyond an associate degree?**  
See page 16 for more information.

# General, Global & Individualized Studies

## GENERAL STUDIES

### Associate of Arts - University Transfer **NEW** 20-800-1

Associate of Arts • 61 Credits • Financial Aid Eligible • Appleton Full Time and Part Time

The Associate of Arts degree will provide you with the academic knowledge and practical skills needed to successfully transfer to a four-year college/university. Upon completing this degree, you'll have met all general education requirements and be guaranteed admission with junior status at our university partners. The Associate of Arts degree contains coursework to prepare you for many different areas of study, emphasizing humanities and social sciences.

#### General Studies (49 Credits) Credits

10-801-136	English Composition	3
10-801-198	Speech	3
10-801-223	English Composition 2	3
10-809-172	Introduction to Diversity Studies	3
10-809-166	Intro to Ethics: Theory & App	3
<i>Select a total of 1 credit from these options</i>		
10-807-102	Nutrition for Life	1
10-807-103	Stress Management: Fitness for Life	1
<i>Select a total of 3 credits from these options</i>		
10-801-140	Introduction to Literature	3
10-801-145	Ethnic Literature	3
<i>Select a total of 3 credits from these options</i>		
10-803-111	US History to 1877	3
10-803-114	Native American History	3
<i>Select a total of 7 credits from these options</i>		
10-802-171	Spanish 1	4
10-809-103	Think Critically & Creatively	3
10-802-172	Spanish 2	4
<i>Select a total of 4 credits from these options</i>		
10-806-114	General Biology	4
10-806-177	Gen Anatomy & Physiology	4
10-806-186	Intro to Biochemistry	4
<i>Select a total of 3 credits from these options</i>		
10-804-135	Quantitative Reasoning	3
10-804-189	Introductory Statistics	3
10-804-197	College Algebra & Trigonometry w/Apps	5
<i>Select a total of 4 credits from these options</i>		
10-806-134	General Chemistry	4
10-806-154	General Physics 1	4
10-806-135	College Chemistry 1	5
<i>Select a total of 9 credits from these options</i>		
10-809-198	Intro to Psychology	3
10-809-196	Intro to Sociology	3
10-809-143	Microeconomics	3
10-809-144	Macroeconomics	3
10-809-159	Abnormal Psychology	3
10-809-188	Developmental Psychology	3
<b>Suggested Electives (12 Credits)</b>		
10-804-198	Calculus 1	4
10-806-189	Basic Anatomy	3
10-804-181	Calculus 2	4
10-806-112	Principles of Sustainability	3
10-806-179	Adv Anatomy & Physiology	4
10-806-197	Microbiology	4
10-801-197	Technical Reporting	3
10-806-136	College Chemistry 2	5

### Associate of Science - University Transfer **NEW** 20-800-2

Associate of Science • 61 Credits • Financial Aid Eligible • Appleton Full Time and Part Time

The Associate of Science degree will provide you with the academic knowledge and practical skills needed to successfully transfer to a four-year college/university. Upon completing this degree, you'll have met all general education requirements and be guaranteed admission with junior status at our university partners. The Associate of Science degree contains coursework to prepare you for many different areas of study, emphasizing math and sciences.

#### General Studies (49 Credits) Credits

10-801-136	English Composition 1	3
10-801-198	Speech	3
10-801-223	English Composition 2	3
10-802-171	Spanish 1	4
10-809-172	Introduction to Diversity Studies	3
<i>Select a total of 3 credits from these options</i>		
10-809-166	Intro to Ethics: Theory & App	3
10-809-103	Think Critically & Creatively	3
<i>Select a total of 1 credit from these options</i>		
10-807-102	Nutrition for Life	1
10-807-103	Stress Management: Fitness for Life	1
<i>Select a total of 3 credits from these options</i>		
10-801-140	Introduction to Literature	3
10-801-145	Ethnic Literature	3
<i>Select a total of 3 credits from these options</i>		
10-803-111	US History to 1877	3
10-803-114	Native American History	3
<i>Select a total of 8 credits from these options</i>		
10-806-154	General Physics 1	4
10-806-134	General Chemistry	4
10-806-135	College Chemistry 1	5
10-806-136	College Chemistry 2	5
<i>Select a total of 8 credits from these options</i>		
10-804-189	Introductory Statistics	3
10-804-197	College Algebra & Trigonometry w/Apps	5
10-804-198	Calculus 1	4
10-804-181	Calculus 2	4
<i>Select a total of 4 credits from these options</i>		
10-806-114	General Biology	4
10-806-177	Gen Anatomy & Physiology	4
10-806-179	Adv Anatomy & Physiology	4
10-806-197	Microbiology	4
10-806-186	Intro to Biochemistry	4
<i>Select a total of 3 credits from these options</i>		
10-809-196	Intro to Sociology	3
10-809-143	Microeconomics	3
10-809-198	Intro to Psychology	3
10-809-144	Macroeconomics	3
10-809-188	Developmental Psychology	3
10-809-159	Abnormal Psychology	3
<b>Suggested Electives (12 Credits)</b>		
10-804-135	Quantitative Reasoning	3
10-806-112	Principles of Sustainability	3
10-809-197	Technical Reporting	3
10-802-172	Spanish 2	4



### Collegiate Transfer - Associate of Arts With Madison College

20-800-1S

Associate of Arts • 60 Credits • Financial Aid Eligible • Appleton  
A Madison Area Technical College program offered at FVTC

In the Collegiate Transfer program, you can earn an associate in arts (AA) and then transfer this degree to a four-year college/university. This program will give you an excellent foundation for continuing in higher education. By completing the Collegiate Transfer degree at Fox Valley Technical College in partnership with Madison College/Liberal Arts, students will typically satisfy the first two years of general education requirements for four-year colleges and universities, and obtain an educational foundation in a variety of disciplines.

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

### Collegiate Transfer - Associate of Science With Madison College

20-800-2S

Associate of Science • 60 Credits • Financial Aid Eligible • Appleton  
A Madison Area Technical College program offered at FVTC

In the Collegiate Transfer program, you can earn an associate in science (AS) and then transfer this degree to a four-year college/university. This program will give you an excellent foundation for continuing in higher education. By completing the Collegiate Transfer degree at Fox Valley Technical College in partnership with Madison College/Liberal Arts, students will typically satisfy the first two years of general education requirements for four-year colleges and universities, and obtain an educational foundation in a variety of disciplines.

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

## INDIVIDUALIZED TECHNICAL STUDIES

### Individualized Technical Studies

10-825-1

Associate Degree • 60-70 Credits • Financial Aid Eligible • Appleton, Online  
Time of Day: Day and Evening • Full Time and Part Time

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.



Making the decision to go back to school to train for a new career is not easy. We can help you find your path: [www.fvtc.edu/NewCareer](http://www.fvtc.edu/NewCareer)

## Contact Us

Admissions/Enrollment Services	<a href="http://www.fvtc.edu/Admissions">www.fvtc.edu/Admissions</a>	920-735-4740
Bookstore	<a href="http://www.fvtc.edu/Bookstore">www.fvtc.edu/Bookstore</a>	920-735-4732
Career Exploration	<a href="http://www.fvtc.edu/Explore">www.fvtc.edu/Explore</a>	920-735-5696
Child Care Services	<a href="http://www.fvtc.edu/ParentChildCenter">www.fvtc.edu/ParentChildCenter</a>	920-735-5751
Counseling Services	<a href="http://www.fvtc.edu/Counseling">www.fvtc.edu/Counseling</a>	920-735-5696
Credit for Prior Learning	<a href="http://www.fvtc.edu/CreditForPriorLearning">www.fvtc.edu/CreditForPriorLearning</a>	920-735-4720
Credit Transfer to 4-Year Colleges	<a href="http://www.fvtc.edu/4YearCreditTransfer">www.fvtc.edu/4YearCreditTransfer</a>	920-735-4720
Disability Services	<a href="http://www.fvtc.edu/DisabilityServices">www.fvtc.edu/DisabilityServices</a>	920-735-2569
Diversity & Inclusion Services	<a href="http://www.fvtc.edu/Diversity">www.fvtc.edu/Diversity</a>	920-735-4825
Employment Connections	<a href="http://www.fvtc.edu/EmploymentConnections">www.fvtc.edu/EmploymentConnections</a>	920-735-5627
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Student Financials	<a href="http://www.fvtc.edu/PayingForCollege">www.fvtc.edu/PayingForCollege</a>	920-735-4871
Student Life	<a href="http://www.fvtc.edu/StudentLife">www.fvtc.edu/StudentLife</a>	920-735-2545
Tuition Information	<a href="http://www.fvtc.edu/Tuition">www.fvtc.edu/Tuition</a>	920-735-5645
Veterans Services	<a href="http://www.fvtc.edu/Veterans">www.fvtc.edu/Veterans</a>	920-735-5651

## Campuses

### Appleton

1825 N. Bluemound Drive  
P.O. Box 2277  
Appleton, WI 54912-2277  
920-735-5600 or  
1-800-735-FVTC (3882)  
TTY: 711 State Relay System

### Oshkosh

150 N. Campbell Road  
Oshkosh, WI 54902  
920-236-6101 or 1-877-272-4559



Explore our 15+ degree programs that you can enroll in at the **Oshkosh Riverside Campus**:  
[www.fvtc.edu/OshkoshVideo](http://www.fvtc.edu/OshkoshVideo)

## 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.  
P.O. Box 650  
Wautoma, WI 54982  
920-787-3319 or 1-800-892-2077

## Training Centers

**Advanced Manufacturing Technology Center**  
4200 Poberezny Road  
Oshkosh, WI 54902  
920-233-6101

**ATW ARFF Training Center**  
W6402 Pathfinder Dr.  
Appleton, WI 54914  
920-560-1600

**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

**S. J. Spanbauer Aviation & Industrial Center**  
3601 Oregon Street  
Oshkosh, WI 54902  
920-232-6001

Visit us anytime at [www.fvtc.edu](http://www.fvtc.edu)  
**1-800-735-FVTC (3882)**

For more ways to contact us: [www.fvtc.edu/Connect](http://www.fvtc.edu/Connect)



## FVTC Mission and Vision

### Our mission is to:

Provide relevant technical education and training to support student goals, a skilled workforce and the economic vitality of our communities.

### Our vision is to be:

A catalyst in engaging partners to bring innovative educational solutions to individuals, employers and communities – transforming challenges into opportunities.

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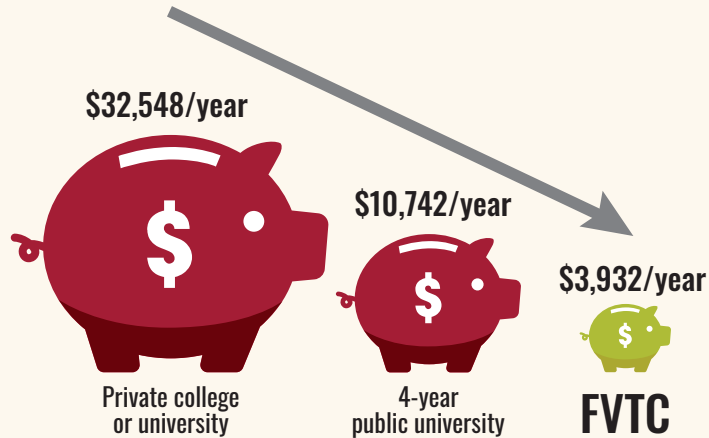
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# Get a Degree or Diploma from FVTC

## 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.



\*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:

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

# Accredited & Affordable



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

## 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 93%.
- Accredited by The Higher Learning Commission since 1974.
- We've been in your community for over 100 years. Our reputation is solid and we're focused on the future!

Apply for  
admission today:

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

