



Fox Valley
TECHNICAL COLLEGE®
Knowledge That Works

Admissions Guide & Catalog

2016-2017



www.fvtc.edu





Our Grads

Graduate employment rate of 94%

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

View our graduate employment survey results: www.fvtc.edu/GraduateEmployment



Get Jobs!



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Need more reasons
to choose FVTC?
www.fvtc.edu/WhyFVTC

Why do employers hire our grads?



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



Adapt to Change

Anticipate changes and positively respond to them.



Think Critically and Creatively

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



Work Collaboratively

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



Communicate Effectively and Respectfully

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



Act Responsibly

Apply ethical standards in both personal and professional behavior.



Learn the skills employers want in the workplace.

"We work closely with Fox Valley Tech to hire its graduates, but you have to be quick. Most are already spoken for before they graduate."

Gordy Barth
Manager of Employee Development & Training
Waupaca Foundry

Ways to Visit

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

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

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

More ways to visit:

www.fvtc.edu/Visit
1-800-735-FVTC (3882)
ext. 4740

Check out our Facebook page
for future students:
facebook.com/DiscoverFVTC



Not sure where to begin?

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

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



Find the answers:

www.fvtc.edu/ChoosingACollege

Let's Get Started...

Apply Now — It's Easy!



1

Choose your program of study

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

2

Complete the application for admission

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

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

3

Apply for financial aid

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

You'll need this:

FVTC Title IV School Code 009744

4

Entering your program

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

Congratulations! You're ready to begin your classes.

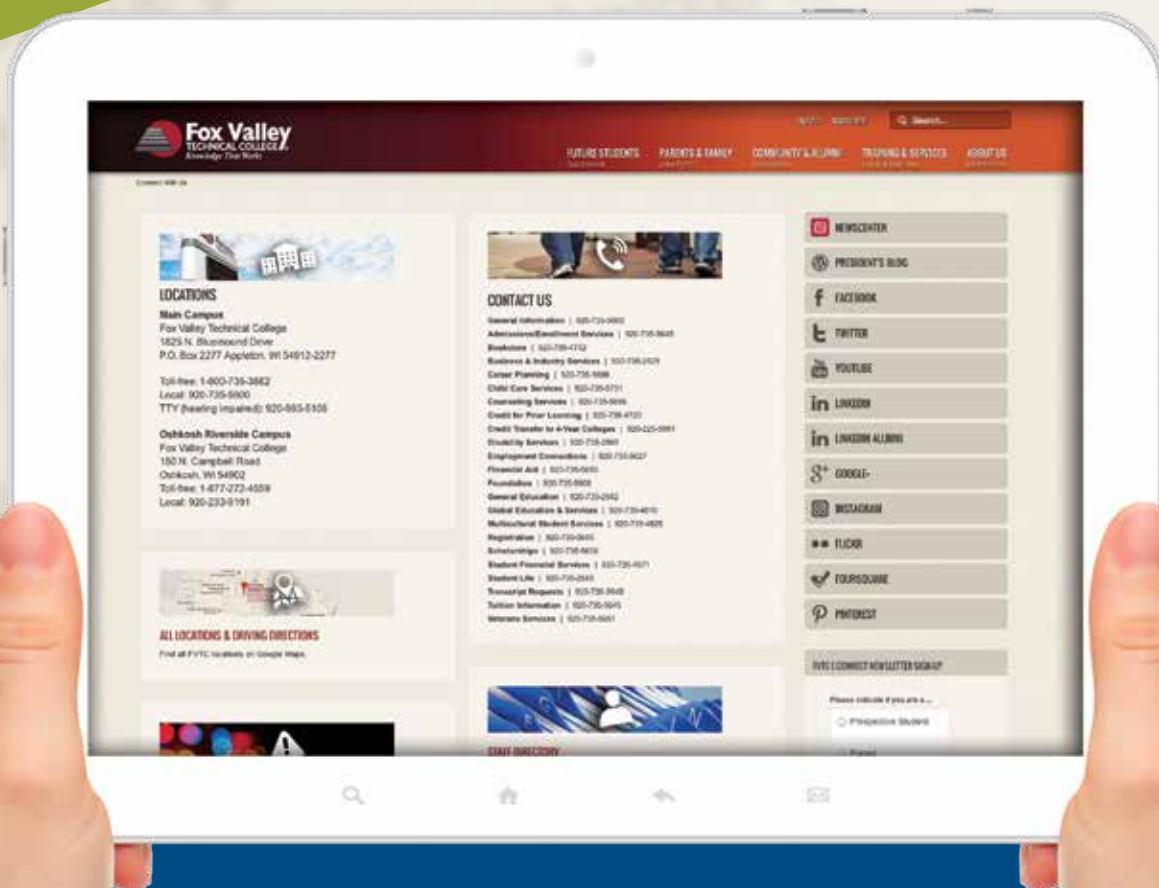
Still undecided about which program is right for you?
Our career counselors can help. Visit www.fvtc.edu/Counseling or call 920-735-5696 to schedule an appointment.

Apply today:
www.fvtc.edu/Apply

Connect with Fox Valley Tech



www.fvtc.edu/Connect



us on Facebook to stay up-to-date on key
dates, access conversations, videos, contests and more!
facebook.com/FoxValleyTech

Credit for Prior Learning

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

Transferring Credit Into FVTC

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

Advanced Standing

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

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



For more information on these and other credit transfer options:
www.fvtc.edu/CreditForPriorLearning

High School Students, Get College Credit Now!

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

Services & Campus Resources

Counseling & Advising Services

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

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

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

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

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



Disability-Related Services

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

Diversity & Inclusion Services

(formerly Multicultural Student Services)

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

Tutoring & Study Groups

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

Veterans' Services

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

Library

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

Bookstore

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

Find more information:
www.fvtc.edu/Admissions

Parking

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

Bus Service

Ride for free! You can use the Appleton Valley Transit bus service free with a valid FVTC Student ID card, anytime or anywhere that Valley Transit routes run. In Oshkosh, students can ride any Go Transit bus by showing their current FVTC photo ID card.

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.

Housing

Take your college experience to a higher level! Create a circle of friends in an exciting new living-learning community located just two blocks from the FVTC Appleton campus. The Tech Village offers apartment-style student living where you'll share a comfortable, fully furnished four-bedroom two-bath suite with four other students. Community amenities include high-speed Internet, a fitness center, walking path and a variety of settings for learning, creating and connecting.

Dining on Campus

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

Fitness Center

The Fitness Center is located on the Appleton Campus and features a variety of exercise equipment available for free use by students. The center includes cardiovascular and strength equipment, as well as shower and locker facilities.

Health Services

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

Child Care

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

Employment Connections

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

- Full- and part-time job opportunities
- On-campus employer interviews
- Employment information and resources
- Centralized resource for internships

A complete list of contact information can be found on page 75.



Affordable Education

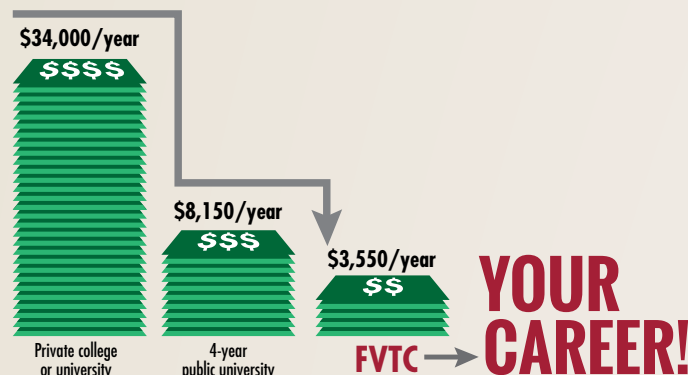
Tuition

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

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

Payment Options

You can pay your tuition using our free and easy eFAS system (electronic Financial Account for Students), or by cash, check, money order, electronic funds transfer, employer/agency contract or financial aid. Some credit card payments are accepted, though there is a small service charge. Tuition and fees may be paid in full 10 days prior to the class start date or arrangements can be made for a convenient payment plan.



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

Estimate Your Program Cost

\$147.85 per credit*

x _____ Credits in your program

\$ _____ Total tuition

+ _____ Books, supplies & equipment

\$ _____ Total program cost

*Based on 2015-2016 tuition rates.

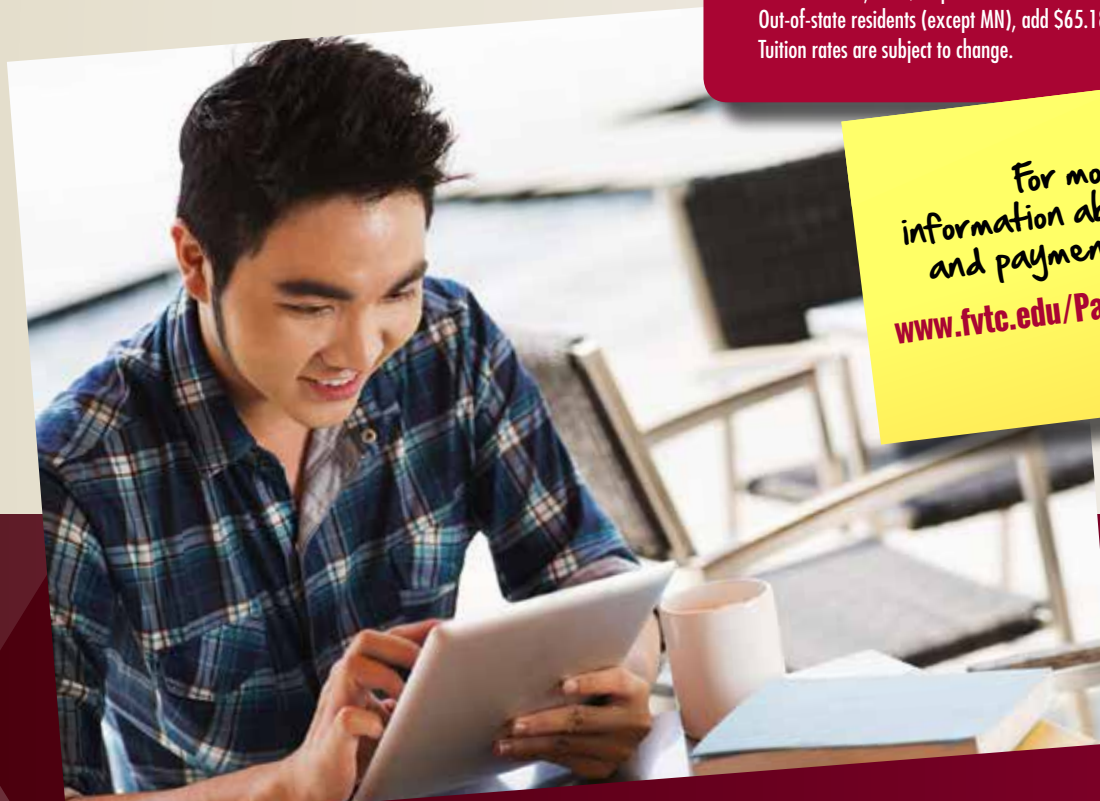
Some programs have additional fees that will increase the cost per credit.

Online courses, add \$10 per credit.

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

Tuition rates are subject to change.

For more
information about tuition
and payment options:
www.fvtc.edu/PayingForCollege



Financial Aid

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

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

To be eligible for financial aid, you must:

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

How to apply

To be considered for aid, complete the Free Application for Federal Student Aid (FAFSA) online at www.fafsa.gov. 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 April 1 will ensure that you are eligible for the most funding options available. An application must be made for each academic year.

Scholarships

The FVTC Foundation awards over 800 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
www.fafsa.gov

Also, check out our
extensive list
of scholarship opportunities:
www.fvtc.edu/Scholarships

Student Life, Clubs & Athletics

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



For more
information:
www.fvtc.edu/StudentLife

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

Denni Rae Lecus
FVTC Alumna
Business Management, Entrepreneurship Emphasis



Student Life Center

The Student Life Center, located on the Appleton Campus, offers a variety of services to help you connect with other students and make your FVTC experience more enjoyable. You can play pool, ping pong or foosball, watch TV or a movie on the big screen, or purchase discount passes for movies or other attractions. Or, just hang out with your friends. You can also buy stamps, make photocopies, purchase your FVTC student ID and rent a locker.

Student Clubs and Organizations

There are over 45 different clubs and 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 are a variety of social clubs to join. If you don't find what you are looking for, talk with the Student Life staff - it's easy to start a new club!

Student Leadership Organizations

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

Events

There's always something going on at FVTC! From comedians to hypnotists, nationally known speakers and leadership seminars, caricature artists to stress relief; all found on the Appleton and Oshkosh campuses throughout the school year. There are also many family events like our annual Drive-In Movie in the parking lot.

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 Mall of America or a Brewers game. Enjoy a weekend with your family at the Tundra Lodge in Green Bay or the Wilderness in Wisconsin Dells. Or, when available, take a spring break trip to a tropical destination. You can also purchase tickets for area events at reduced prices.

Civic Engagement

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

Athletics

FVTC offers both men's and women's basketball. The Foxes compete against fellow technical colleges in Madison and Milwaukee, as well as the University of Wisconsin two-year schools and community colleges in northern Illinois. If you aren't interested in competitive sports, get involved by playing intramural athletics.



International Opportunities

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

Study Abroad

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

Global Business & World Languages

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

English Language Learning

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

International Exchange Club

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

More information on international opportunities:

www.fvtc.edu/Global



College That Fits Your Life

Program Preparation

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

Program Prep Courses

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

College Success

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

College & Career Success

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

Teaching & Learning Center (TLC)

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

For more information on preparing for college:

www.fvtc.edu/ProgramPrep

Flexible Options

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

Fox Valley Tech is college that fits your life!

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

Online Learning

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

For more information on flexible learning options:

www.fvtc.edu/Flexible



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

**Val Wojcik
FVTC Alumna
Industrial Welding Technician**



Credit Transfer with Four-Year Colleges

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

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

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

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

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

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

1+3 Bachelor's Degree Programs

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



Associate Degree & Technical Diploma Programs

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

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

*Offered in accelerated or self-paced format also

**Accelerated format only

▲ Shared with another technical college

For certificate programs, see pages 20-21.

Agriculture, Horticulture & Natural Resources (Pages 22-27)

AGRICULTURE

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

HORTICULTURE

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

LABORATORY SCIENCE

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

NATURAL RESOURCES

Natural Resources Technician (AAS)

OUTDOOR POWER

Outdoor Power Equipment Technician (TD)

Aviation (Pages 28-29)

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

Business, Management & Finance (Pages 30-37)

ACCOUNTING & FINANCE

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

ADMINISTRATIVE PROFESSIONALS

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

BUSINESS & MANAGEMENT

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

COMMUNICATIONS

Communications, Professional (AAS)

Construction (Pages 38-39)

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

Culinary & Hospitality (Pages 40-41)

Culinary Arts (AAS)*
Food Service Production (TD)
Hospitality Management (AAS)

Engineering Technologies (Pages 42-47)

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) **NEW**
Quality Engineering Technology (AAS) **NEW**

MECHANICAL DESIGN

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

SAFETY, ENERGY & ENVIRONMENTAL

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

Health Science (Pages 48-53)

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

Human Services (Page 54)

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

Information Technology (Pages 55-58)

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

Manufacturing (Pages 59-62)

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

Marketing, Sales & Service (Pages 63-64)

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

Public Safety (Pages 65-67)

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

Transportation (Pages 68-73)

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

General, Global & Individualized Studies (Page 74)

Individualized Technical Studies (AAS)

Apprenticeship Programs

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

Construction

Electrician Apprentice (ABC) (A)
Electronic Systems Tech. Apprentice (A)
Operating Engineer Apprentice (A)
Plumbing Apprentice (A)
Sheet Metal Construction (A)
Steamfitting Apprentice (A)
Steamfitting Service Apprentice (A)

Manufacturing

INDUSTRIAL MAINTENANCE
Industrial Electrician Apprentice (A)
Maintenance Mechanic/Millwright Apprentice (A)
Maintenance Technician Apprentice (A)
Pipe Fabricator Apprenticeship (A)
Pipefitting Apprentice (A)

METAL MACHINING, FABRICATION & WELDING

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

Marketing, Sales & Service

Cosmetology Apprentice (A)

For more information on apprenticeship programs:
www.fvtc.edu/Apprenticeships

Certificate Programs

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

Agriculture, Horticulture & Natural Resources

AGRICULTURE

Crop Application Specialist (C)

Precision Farming (C)

HORTICULTURE

Greenhouse Grower/Plant Propagation Technician (C)

Landscape Construction Technician (C)

Landscape Maintenance Technician (C)

Natural Food Production Technician (C)

Urban Forestry Technician (C)

LABORATORY SCIENCE

Laboratory Science - Environmental (C)

Laboratory Science - Food (C)

Laboratory Science - Introduction (C)

Laboratory Science - Paper & Packaging (C)

NATURAL RESOURCES

Forest Management Specialist (C) **NEW**

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

OUTDOOR POWER

Golf Course Turf & Equipment Technician (C)

Power Sports Technology (C)

Business, Management & Finance

ACCOUNTING & FINANCE

Financial Fraud Detection, Fundamentals of (C)

QuickBooks (C)

Sage Accounting (C)

ADMINISTRATIVE PROFESSIONALS

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

Microsoft Office Suite (C)

Office Skills, Basic (C)

BUSINESS & MANAGEMENT

Business Fundamentals 1 (C)

Business Fundamentals 2 (C)

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

Event Planning (C)

Exploring Business, Management & Finance Careers (C)

Organizational Leadership, Advanced (C)

Organizational Leadership, Basic (C)

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

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

Supply Chain Operations Specialist (C) **NEW**

COMMUNICATIONS

Digital Media (C)

Technical Illustrator (C)

Writing for the Web (C)

Writing, Grant/Proposal (C)

Construction

Construction Project Coordinator (C)

Construction Project Supervision (C)

Electrical Code, National (C)

Photovoltaic Installation Technician (C)

Engineering Technologies

ELECTRICAL & ELECTRONICS

Electronics Manufacturing (C) **NEW**

Electronics Principles (C)

Electronics, Practical Fundamental (C)

MANUFACTURING & AUTOMATION

Automation & Maintenance, Advanced (C)

ControlLogix PLCs (C)

Instrumentation & Process Control (C)

Motors & Variable Speed Drives (C)

Programmable Logic Controllers (PLCs) (C)

MECHANICAL DESIGN

CAD Management (C)

SAFETY, ENERGY & ENVIRONMENTAL

Energy & Environmental Management (C)

Environmental Compliance Specialist (C)

Environmental Health & Safety (C)

Health Science

Exploring Health Careers (C)

Gerontology (C)

Nursing, Licensed Practical Nurse Refresher (C)

Nursing, Registered Nurse Refresher (C)

Personal Care Worker (C)

Phlebotomy Technician (C) **NEW**

Human Services

ALCOHOL & OTHER DRUG ABUSE

AODA Specialty Education (C)

Substance Abuse Counselor Education 360 Hr Comprehensive Program (C)

Substance Abuse Counselor in Training (C)

EARLY CHILDHOOD EDUCATION

Child Care Administrator (C)

Family Child Care (C)

Preschool Credential (C) **NEW**

Understanding Autism Spectrum Disorder (C)

For more information on
certificate programs:
www.fvtc.edu/Certificates

Information Technology

NETWORK/COMPUTER SUPPORT

Desktop Support (C)
Exploring IT Careers (C)
Network Administration (C)
Network Infrastructure (C)
Security (C)

SOFTWARE DEVELOPMENT/WEB

Database (C)
Mobile Applications Development (C)
PC Programming (C)
Web Design Fundamentals (C)
Web Development (C)

Manufacturing

INDUSTRIAL MAINTENANCE

Controls Maintenance (C) **NEW**
Electrical Maintenance (C) **NEW**
Industrial Maintenance (C)

Mechanical Maintenance (C) **NEW**

MANUFACTURING OPERATIONS

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

METAL MACHINING, FABRICATION & WELDING

Industrial Metallurgy (C) **NEW**
Welding Fundamentals (C) **NEW**

WOOD MANUFACTURING

Woodworking Technician 1 (C) **NEW**
Woodworking Technician 2 (C) **NEW**

Marketing, Sales & Service

INTERIOR DESIGN

Kitchen & Bath Design (C)

MARKETING

Web Marketing (C)

Public Safety

EMERGENCY MEDICAL SERVICES (EMS)

Emergency Medical Technician - Advanced (C)

FIRE PROTECTION

Fire Investigator (C)

LAW ENFORCEMENT

Child Protection Investigator (C)
Corrections (C)
Crime Prevention (C)
Criminal Investigator (C)
Cyber Crime Investigation (C)
Evidence Technician (C)
Evidence Technician - Advanced (C)
Exploring Public Safety Careers (C)
Private Investigation Specialist (C)
Security (C)
Security Management (C)

Transportation

AUTOMOTIVE

Automotive GM Technician (C)
Automotive Service Management (C)
Exploring Auto Collision & Refinishing Careers (C) **NEW**
Exploring Automotive Careers (C)

TRUCK DRIVING

CDL Straight Truck (C)
Truck Driving Refresher (C)

General, Global & Individualized Studies

GENERAL STUDIES

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

GLOBAL STUDIES

English Business Communication (C)
English Language Competency - Advanced (C)
English Language Competency - Intermediate (C)
Global Advantage Professional (C) **NEW**
Global Business Professional (C)
Intercultural Relations (C) **NEW**
Spanish (C)
Spanish Health Care (C)
Teach English as a Second or Foreign Language (C)

Associate Degree & Technical Diploma Programs

Agriculture, Horticulture & Natural Resources

AGRICULTURE

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

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

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

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

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

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

Agribusiness Management Technician 31-006-6 Technical Diploma* • 29 Credits • Financial Aid Eligible • Appleton

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

Occupational Specific (26 Credits)		Credits
10-006-103	Agricultural Marketing	3
10-006-119	Agricultural Crop Production	3
10-006-133	Introduction to Agribusiness	3
10-006-140	Animal Science Fundamentals	3
10-003-165	Agricultural Production Systems	2
10-006-116	Agribusiness Work Experience	3
10-006-134	Agribusiness Sales	3
10-006-155	Nutrient Management Principles	3
10-809-195	Economics	3
Occupational Supportive (3 Credits)		
10-804-123	Math w Business Apps	3

Looking for
opportunities beyond an
associate degree?

See page 17 for
more information.

*View Gainful Employment at www.fvtc.edu/GainfulEmployment

Agribusiness/Science Technology 10-006-2

Associate Degree • 68 Credits • Financial Aid Eligible • Appleton

Whether you want to run your own agribusiness operation or work for an established agriculture producer, 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.

Technical Studies (44 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
10-003-165 Agricultural Production Systems	2
10-006-116 Agribusiness Work Experience	3
10-006-134 Agribusiness Sales	3
10-006-155 Nutrient Management Principles	3

Select a total of 18 credits from these options:

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

General Studies (21 Credits)

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

Suggested Electives (3 Credits)

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

Agriculture Equipment Service Technician 31-003-2

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

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

Occupational Specific (41 Credits)

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

Occupational Supportive (2 Credits)

31-801-318 Communication, Applied	2
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Agriculture Power Equipment

10-003-2

Associate Degree • 70 Credits • Financial Aid Eligible • Appleton

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

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

*View Gainful Employment at www.fvtc.edu/GainfulEmployment

Farm Business & Production Management

30-090-1

Technical Diploma* • 18 Credits • Not Financial Aid Eligible

Appleton, Chilton, Clintonville, Waupaca, Wautoma

If you want to learn the newest practices and technology in farming, you'll find them in this unique program. You will 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.

Occupational Specific (18 Credits)		Credits
30-090-381	Farm Business, Operating a	3
30-090-389	Farm Safety and Personnel	3
30-090-385	Livestock/Farmstead Equipment Management	3
30-090-386	Farm Records and Business Analysis	3
<i>Select a total of 6 credits from these options:</i>		
30-090-383	Crop Management	3
30-090-384	Livestock Nutrition	3
30-090-391	Ag Commodities and Marketing	3
30-090-388	Precision Agriculture	3
30-090-390	Farm Transitions	3
30-090-382	Soil Management	3

Farm Operation

31-080-4

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

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

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

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

Precision Agriculture Technician

31-006-7

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

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

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

HORTICULTURE

Horticulture Technician

31-001-1

Technical Diploma* • 35 Credits • Financial Aid Eligible • Appleton

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

Occupational Specific (28 Credits)		Credits
10-001-111	Introduction to Horticulture	3
10-001-112	Horticulture Soils	3
10-001-117	Equipment Operation, Horticulture	2
10-001-130	Turf Mgmt & Irrigation Systems	2
10-001-159	Survey of Herbaceous Plants	3
10-001-170	Landscape Plants, Maintenance of	3
10-001-174	Landscape Design 1	3
10-001-113	Ornamental Plant Health Care	3
10-001-120	Interiorscaping & Greenhouse Mgmt	3
10-001-158	Woody Ornamental Plant ID	3
Occupational Supportive (7 Credits)		
10-001-132	Landscape Estimating	2
10-001-160	Horticulture Proposals & Technical Reports	2
10-102-112	Business, Introduction to	3

Horticulture/Landscape Specialist

32-001-2

Technical Diploma* • 65 Credits • Financial Aid Eligible • Appleton

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

Occupational Specific (65 Credits)		Credits
10-001-111	Introduction to Horticulture	3
10-001-112	Horticulture Soils	3
10-001-117	Equipment Operation, Horticulture	2
10-001-118	Irrigation Systems & Maintenance	2
10-001-159	Survey of Herbaceous Plants	3
10-001-181	Landscape Construction 1	3
10-001-109	Landscape Construction 2	2
10-001-113	Ornamental Plant Health Care	3
10-001-120	Interiorscaping & Greenhouse Mgmt	3
10-001-121	Hydroponic Growing & Systems	2
10-001-123	Landscape Management	3
10-001-132	Landscape Estimating	2
10-001-108	Plant Propagation	2
10-001-115	Tissue Culture Propagation	2
10-001-130	Turf Mgmt & Irrigation Systems	2
10-001-131	Organic Lawn Care	2
10-001-158	Woody Ornamental Plant ID	3
10-001-170	Landscape Plants, Maintenance of	3
10-001-174	Landscape Design 1	3
10-001-125	Greenhouse Management & Control Systems	2
10-001-140	Plant Diagnostics	2
10-001-160	Horticulture Proposals & Technical Reports	2
10-001-184	Landscape Design 2	3
10-606-146	Landscape Modeling	2
10-802-100	Spanish 1	3
10-102-112	Business, Introduction to	3

LABORATORY SCIENCE

Laboratory Science Assistant

31-506-1

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

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

Occupational Specific (35 Credits)		Credits
10-506-101	Beginning Laboratory Science	3
10-806-114	General Biology	4
10-806-134	General Chemistry	4
10-506-103	Advanced Laboratory Science	3
10-506-105	Environmental Lab Science Theory	2
10-506-106	Environmental Lab Science Lab	1
10-506-113	Instrumentation	2
10-804-124	Math for Laboratory Science	3
10-806-176	DNA Science	4
10-007-174	Applied Microbiology	4
10-506-112	Paper and Packaging Testing Procedures	2
10-506-121	Food Laboratory Science Theory	2
10-506-125	Food Laboratory Science Lab	1
Occupational Supportive (3 Credits)		Credits
10-804-107	College Mathematics	3

Laboratory Science Technician

10-506-4

Associate Degree • 64 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (38 Credits)		Credits
10-103-120	MS Office Suite, Introduction	2
10-506-101	Beginning Laboratory Science	3
10-890-100	College Success: On Course	1
10-506-105	Environmental Lab Science Theory	2
10-506-106	Environmental Lab Science Lab	1
10-623-194	Introduction to Six Sigma	3
10-804-124	Math for Laboratory Science	3
10-007-174	Applied Microbiology	4
10-152-155	Database Concepts	2
10-506-112	Paper and Packaging Testing Procedures	2
10-506-121	Food Laboratory Science Theory	2
10-506-125	Food Laboratory Science Lab	1
10-506-103	Advanced Laboratory Science	3
10-506-113	Instrumentation	2
10-506-135	Lab Science Internship	3
10-806-176	DNA Science	4
General Studies (23 Credits)		Credits
10-801-195	Written Communication	3
10-804-107	College Mathematics	3
10-806-114	General Biology	4
10-806-134	General Chemistry	4
10-809-199	Psychology of Human Relations	3
10-801-197	Technical Reporting	3
10-809-172	Introduction to Diversity Studies	3
Suggested Electives (3 Credits)		Credits
10-890-103	Employability Strategies	1
10-809-166	Intro to Ethics: Theory & App	3
10-809-103	Think Critically & Creatively	3
10-806-112	Principles of Sustainability	3
10-699-142	E-portfolio Development	1

Want to continue your education beyond an associate degree?

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

*View Gainful Employment at www.fvtc.edu/GainfulEmployment

NATURAL RESOURCES

Natural Resources Technician 10-057-1

Associate Degree • 69 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (43 Credits)

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

Select a total of 24 credits from these options:

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

General Studies (23 Credits)

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

Suggested Electives (3 Credits)

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

OUTDOOR POWER

Outdoor Power Equipment Technician 31-461-3

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

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

Occupational Specific (31 Credits)

	Credits
10-461-112 Four Stroke Small Engines	3
10-461-113 OPE Drivelines and Chassis	3
10-461-114 OPE Operation & Maintenance	2
10-461-140 Intro to OPE and Power Sports Technician	3
10-461-141 Parts and Service Management	3
10-461-105 Compact Equipment Hydraulics	3
10-461-115 OPE Handheld Power Units	3
10-461-116 OPE DC Electrical Systems	3
10-461-118 OPE Diesel Engine Systems	3
10-461-122 OPE Customer Service & Sales	2
10-461-142 Internship in OPE and Power Sports	3

Occupational Supportive (2 Credits)

31-801-318 Communication, Applied	2
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Aviation

Aeronautics-Pilot Training

10-402-1

Associate Degree • 70 Credits • Financial Aid Eligible • Oshkosh

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

Technical Studies (47 Credits)

Credits

10-402-101	Private Pilot-Ground	3
10-402-102	Aviation Weather	3
10-402-191	Private Pilot-Flight	3
10-402-103	Instrument-Ground	3
10-402-106	Aircraft Systems	3
10-402-192	Commercial Instrument-Flight 1	3
10-402-131	Aviation Safety & Human Factors, Intro to	1
10-402-132	Fundamentals of ATC and Airspace	1
10-402-133	Applied Aviation Safety and Human Factors	1
10-402-193	Commercial Instrument-Flight 2	3
10-402-104	Commercial-Ground	3
10-402-186	Commercial Instrument-Flight 3	3
10-402-105	Aerodynamics	3
10-402-185	Avionics for Pilots	2
10-402-194	Commercial Instrument-Flight 4	3
10-402-107	CFI-Flight 1	3
10-402-195	CFI-Flight 2	3
10-402-197	CFI-Flight 3	2
10-402-198	CFI-Flight 4	1

General Studies (23 Credits)

10-809-198	Intro to Psychology	3
10-804-113	College Technical Math 1A	3
10-801-196	Oral/Interpersonal Comm	3
10-804-114	College Technical Math 1B	2
10-809-103	Think Critically & Creatively	3
10-801-195	Written Communication	3
10-809-195	Economics	3
10-801-197	Technical Reporting	3

Aeronautics-Professional Pilot

31-402-1

Technical Diploma* • 35 Credits • Financial Aid Eligible • Oshkosh

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

Occupational Specific (35 Credits)

Credits

10-402-101	Private Pilot-Ground	3
10-402-102	Aviation Weather	3
10-402-191	Private Pilot-Flight	3
10-402-103	Instrument-Ground	3
10-402-106	Aircraft Systems	3
10-402-192	Commercial Instrument-Flight 1	3
10-402-193	Commercial Instrument-Flight 2	3
10-402-104	Commercial-Ground	3
10-402-186	Commercial Instrument-Flight 3	3
10-402-105	Aerodynamics	3
10-402-185	Avionics for Pilots	2
10-402-194	Commercial Instrument-Flight 4	3



Looking for opportunities
beyond an
associate degree?

See page 17 for
more information.

*View Gainful Employment at www.fvtc.edu/GainfulEmployment

Aircraft Electronics

10-402-2

Associate Degree • 70 Credits • Financial Aid Eligible • Oshkosh

If you love airplanes and electronics, this is the degree program for you. As an aircraft electrician you 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. You will be ready for certification by the National Center for Aerospace & Transportation Technologies.

Technical Studies (42 Credits)**Credits**

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

General Studies (23 Credits)

10-801-195	Written Communication	3
10-804-113	College Technical Math 1A	3
10-806-139	Survey of Physics	3
10-801-196	Oral/Interpersonal Comm	3
10-804-114	College Technical Math 1B	2
10-809-198	Intro to Psychology	3
10-801-197	Technical Reporting	3
10-809-195	Economics	3

Suggested Electives (5 Credits)

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

Airframe & Powerplant Mechanics

32-402-1

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

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

Occupational Specific (58 Credits)**Credits**

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

Occupational Supportive (12 Credits)

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

Business, Management & Finance

ACCOUNTING & FINANCE

Accounting

10-101-1

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

If you have an eye for details, this degree program could put you on your way to a successful accounting career. Learn how to maintain records of accounts and handle business transactions for expenses, payments, purchases and inventories. You will learn to prepare, review and interpret financial reports, which is critical information that helps management make good business decisions. You will also gain skills in payroll, cost accounting and tax preparation. These services are essential for virtually any type of business, industry or government operation.

Technical Studies (45 Credits)		Credits
10-101-180	Financial Accounting 1	4
10-102-112	Business, Introduction to	3
10-103-120	MS Office Suite, Introduction	2
10-101-103	Sage Accounting Applications	1
10-101-145	Spreadsheets, Beginning	1
10-101-152	Spreadsheets, Intermediate	1
10-101-181	Financial Accounting 2	4
10-101-187	Payroll Accounting	3
10-106-112	Keyboarding Speed Development	1
10-101-130	Cost Accounting A	2
10-101-131	Cost Accounting B	2
10-101-150	Income Tax Accounting A	2
10-101-151	Income Tax Accounting B	2
10-101-164	Accounting Database Applications	2
10-101-182	Intermediate Accounting 1	4
10-101-102	QuickBooks Accounting Applications	1
10-101-190	Financial Fraud Detection, Fundamentals of	1
10-101-193	Great Plains-Enterprise Resource Planning System	1
10-102-103	Business Law 1	3
10-101-158	Accounting Internship/Capstone	2
10-101-191	Intermediate Accounting 2	3

General Studies (21 Credits)

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

Suggested Electives (3 Credits)

10-101-188	Cost Accounting, Advanced	3
10-101-189	Income Tax Accounting, Advanced	3
10-101-155	VITA Tax Assistance	1
10-104-151	Marketing 1, Principles of	3
10-101-156	Advanced Income Tax Applications	3

Accounting Assistant

31-101-1

Technical Diploma* • 31 Credits • Financial Aid Eligible • Appleton, Online, Oshkosh

Do you enjoy working with numbers and supporting others in a team environment? As an accounting assistant, you maintain timely and accurate records of daily business transactions, accounts receivable, accounts payable, inventories, payroll and other important records. Learn to assist an accountant in preparing important financial statements. You will learn how to compile financial data by hand and on a computer. Gain experience with QuickBooks and Sage applications and become a spreadsheet wizard. You'll also learn and practice written, oral and interpersonal communication skills. With this diploma, you will be an asset to any business.

Occupational Specific (25 Credits)

10-101-145	Spreadsheets, Beginning	1
10-101-180	Financial Accounting 1	4
10-103-120	MS Office Suite, Introduction	2
10-106-112	Keyboarding Speed Development	1
10-804-123	Math w Business Apps	3
10-101-102	QuickBooks Accounting Applications	1
10-101-103	Sage Accounting Applications	1
10-101-152	Spreadsheets, Intermediate	1
10-101-164	Accounting Database Applications	2
10-101-181	Financial Accounting 2	4
10-101-187	Payroll Accounting	3
10-101-158	Accounting Internship/Capstone	2

Occupational Supportive (6 Credits)

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

Banking & Financial Services

10-114-3

Associate Degree • 69 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (45 Credits)

10-114-115	Credit Procedures	3
10-114-124	Money and Banking, Introduction to	3
10-103-120	MS Office Suite, Introduction	2
10-101-102	QuickBooks Accounting Applications	1
10-101-145	Spreadsheets, Beginning	1
10-101-152	Spreadsheets, Intermediate	1
10-101-180	Financial Accounting 1	4
10-114-104	Financial Institutions	3
10-101-181	Financial Accounting 2	4
10-104-151	Marketing 1, Principles of	3
10-104-166	Intro to Sales	3
10-114-113	Financial Products and Services, Principles	3
10-114-176	Stock and Bond Investments	3
10-102-103	Business Law 1	3
10-114-121	Analyzing Financial Statements	2
10-114-175	Financial Planning	3
10-114-182	Finance Internship	3

*View Gainful Employment at www.fvtc.edu/GainfulEmployment

General Studies (21 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
10-809-197	Contemporary Amer Society	3
10-809-199	Psychology of Human Relations	3
10-809-166	Intro to Ethics: Theory & App	3

Suggested Electives (3 Credits)

10-114-108	Foundations in Financial Planning	2
10-114-110	Financial Institutions Management	3

ADMINISTRATIVE PROFESSIONALS

Administrative Professional

10-106-6

Associate Degree • 69 Credits • Financial Aid Eligible

Appleton, Chilton, Oshkosh

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

Technical Studies (45 Credits)**Credits**

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

General Studies (21 Credits)

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

Suggested Electives (3 Credits)

10-802-100	Spanish I	3
10-103-105	Introduction to Adobe Acrobat	1
10-101-102	QuickBooks Accounting Applications	1
10-101-103	Sage Accounting Applications	1
10-106-102	Office Desktop Publishing: MS Publisher	1
10-140-100	International Professional Field Studies	3

Medical Administrative Professional

10-160-2

Associate Degree • 67 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (43 Credits)**Credits**

10-103-120	MS Office Suite, Introduction	2
10-106-108	Business Writing and Formatting	3
10-160-100	Intro to Medical Administrative Careers	1
10-501-101	Medical Terminology	3
10-501-151	People Skills for Health Professionals	1
10-106-101	Web Technologies	2
10-106-112	Keyboarding Speed Development	1
10-106-160	Business Relationship Development	2
10-160-102	Medical Office Procedures	3
10-160-107	Professionalism for Medical Admin. Professionals	2
10-501-109	Medical Law, Ethics & Profess	2
10-501-153	Body Structure and Function	2
10-101-107	Accounting, Principles of	3
10-160-108	Health Insurance Principles	3
10-160-109	Business Health Documentation	3
10-160-110	Business Health Industry Resources	3
10-160-106	Business Health Simulation	3
10-160-112	Business Health Billing Applications	3
10-160-113	Business Health Regulations	1

General Studies (21 Credits)

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

Electives (3 Credits)

Medical Office Assistant

31-160-2

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

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

Occupational Specific (24 Credits)		Credits
10-103-120	MS Office Suite, Introduction	2
10-106-108	Business Writing and Formatting	3
10-160-100	Intro to Medical Administrative Careers	1
10-501-101	Medical Terminology	3
10-501-151	People Skills for Health Professionals	1
10-106-101	Web Technologies	2
10-106-112	Keyboarding Speed Development	1
10-106-160	Business Relationship Development	2
10-160-102	Medical Office Procedures	3
10-160-107	Professionalism for Medical Admin. Professionals	2
10-501-109	Medical Law, Ethics & Profess	2
10-501-153	Body Structure and Function	2
Occupational Supportive (6 Credits)		
10-804-123	Math w Business Apps	3
10-801-195	Written Communication	3

Office Assistant

31-106-1

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

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

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

BROADCAST & MANAGEMENT**Broadcast Captioning**

10-170-1

Associate Degree • 69 Credits • Financial Aid Eligible • Appleton

A Lakeshore Technical College program offered at FVTC

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

For details: www.gotoltc.edu/academics/programs-of-study/broadcast-captioning-program

Business Management

10-102-3

Associate Degree • 66-68 Credits • Financial Aid Eligible

Appleton, Chilton, Clintonville, Oshkosh, Waupaca

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

Technical Studies (31 Credits)		Credits
10-101-107	Accounting, Principles of	3
10-102-112	Business, Introduction to	3
10-103-120	MS Office Suite, Introduction	2
10-102-103	Business Law 1	3
10-104-151	Marketing 1, Principles of	3
10-196-191	Supervision	3
10-196-110	Cost Controls and Budgeting	3
10-196-131	Problem Solving	2
10-102-105	Business Management Internship	3
10-106-118	Effective Business Practice	3
10-138-150	Global Business Fundamentals	3
General Studies (21 Credits)		
10-804-123	Math w Business Apps	3
10-809-199	Psychology of Human Relations	3
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-809-166	Intro to Ethics: Theory & App	3
10-809-195	Economics	3
10-809-197	Contemporary Amer Society	3

*View Gainful Employment at www.fvtc.edu/GainfulEmployment

Select one specialty:

Accounting (15 Credits)

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

10-101-102	QuickBooks Accounting Applications	1
10-101-103	Sage Accounting Applications	1
10-101-145	Spreadsheets, Beginning	1
10-101-152	Spreadsheets, Intermediate	1
10-101-180	Financial Accounting 1	4
10-101-181	Financial Accounting 2	4
10-101-187	Payroll Accounting	3

Agribusiness-Dairy Livestock (15 Credits)

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

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

Agribusiness-Plant Science (15 Credits)

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

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

Banking (15 Credits)

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

10-114-104	Financial Institutions	3
10-114-115	Credit Procedures	3
10-114-124	Money and Banking, Introduction to	3
10-114-175	Financial Planning	3
10-114-176	Stock and Bond Investments	3

Diesel (16 Credits)

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

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

Entrepreneurship (14 Credits)

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

10-145-104	Entrepreneurship, Introduction to	3
10-145-105	Entrepreneurship: Managing Your New Venture	3
10-145-107	Building Your Business Model	2
10-145-115	Entrepreneurial Thinking	3
10-145-116	Financial Intelligence for Entrepreneurs	3

General Emphasis (15 Credits)

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

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

Marketing (15 Credits)

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

10-104-100	Digital Marketing	3
10-104-103	Integrated Marketing Communications	3
10-104-104	Marketing Plan Development	3
10-104-124	Advanced Sales	3
10-104-166	Intro to Sales	3

Global (15 Credits)

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

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

Business Operations **NEW**

31-102-4

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

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

Occupational Specific (23 Credits)		Credits
10-101-107	Accounting, Principles of	3
10-102-112	Business, Introduction to	3
10-103-120	MS Office Suite, Introduction	2
10-116-193	Human Resources Management	3
10-102-103	Business Law I	3
10-104-151	Marketing I, Principles of	3
10-104-166	Intro to Sales	3
10-196-191	Supervision	3
Occupational Supportive (9 Credits)		
10-804-123	Math w Business Apps	3
10-809-199	Psychology of Human Relations	3
10-801-195	Written Communication	3

Court Reporting

10-170-2

Associate Degree • 65 Credits • Financial Aid Eligible • Appleton
A Lakeshore Technical College Program Offered at FVTC

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

For details: www.gotoltc.edu/academics/programs-of-study/court-reporting-program

Human Resources

10-116-1

Associate Degree • 67 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (40 Credits)		Credits
10-116-151	Employee Relations	3
10-116-193	Human Resources Management	3
10-102-112	Business, Introduction to	3
10-103-120	MS Office Suite, Introduction	2
10-116-150	Employment Law	3
10-809-172	Introduction to Diversity Studies	3
10-116-153	Compensation and Benefits	3
10-116-154	Recruiting and Hiring	3
10-116-156	HR Aspects of Insurance Administration	3
10-116-104	Labor Relations	3
10-116-123	Human Resources Internship	2
10-116-160	Training Design and Measurement	3
10-116-161	HR Record Keeping Systems	3
10-116-168	Principles of Budgeting for HR	3
General Studies (21 Credits)		
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-123	Math w Business Apps	3
10-809-197	Contemporary Amer Society	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 (6 Credits)		
10-196-131	Problem Solving	2
10-196-121	Safety, Principles of	2
10-802-100	Spanish I	3
10-138-150	Global Business Fundamentals	3
10-623-195	Lean Tools	1

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

Management Development

10-196-1

Associate Degree • 64 Credits • Financial Aid Eligible
Appleton, Chilton, Clintonville, Waupaca

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

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
10-116-104	Labor Relations	3
10-116-193	Human Resources Management	3
10-196-108	Contemporary Business Issues	3
10-196-121	Safety, Principles of	2
10-196-131	Problem Solving	2
10-196-191	Supervision	3
10-196-110	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
10-809-199	Psychology of Human Relations	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 (6 Credits)		
10-102-103	Business Law 1	3
10-103-120	Intro to MS Office Suite	2
10-138-150	Global Business Fundamentals	3

Meeting & Event Management

10-109-6

Associate Degree • 64 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (40 Credits)		Credits
10-101-107	Accounting, Principles of	3
10-103-120	MS Office Suite, Introduction	2
10-106-118	Effective Business Practice	3
10-106-140	Meeting & Event Management Fundamentals	3
10-106-178	Presentation and Training Techniques	3
10-102-103	Business Law 1	3
10-104-151	Marketing 1, Principles of	3
10-106-101	Web Technologies	2
10-109-101	Risk Management & Crisis Planning	3
10-109-102	Transportation, Registration and Housing	2
10-109-107	Partnership Development	2
10-109-112	Exposition Management	2
10-102-157	Business Law 2	3
10-109-127	Meeting Management Internship	3
10-109-104	Meeting & Event Management, Adv. Apps	3
General Studies (21 Credits)		
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-123	Math w Business Apps	3
10-809-172	Introduction to Diversity Studies	3
10-809-198	Intro to Psychology	3
10-809-195	Economics	3
10-809-196	Intro to Sociology	3
Suggested Electives (3 Credits)		
10-102-112	Business, Introduction to	3
10-109-152	Introduction to Hospitality	3
10-109-126	Customer Service Management	3
10-316-142	Catering and Special Event Planning	2
10-145-104	Entrepreneurship, Introduction to	3

Paralegal

10-110-1

Associate Degree • 66 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (39 Credits)

		Credits
10-102-103	Business Law I	3
10-110-101	Introduction to Paralegalism & Legal Ethics	3
10-101-107	Accounting, Principles of	3
10-110-104	Legal Research	3
10-110-151	Civil Litigation Procedures	3
10-110-105	Legal Writing	3
10-110-106	Family Law	3
10-110-114	Administration of Estates	3
10-110-154	Law Office Management and Technology	3
10-110-107	Legal Aspects/Business Organizations	3
10-110-110	Real Estate Law	3
10-110-142	Paralegal Internship	3
10-110-168	Paralegal Criminal Procedures	3

General Studies (21 Credits)

10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-107	College Mathematics	3
10-809-166	Intro to Ethics: Theory & App	3
10-809-197	Contemporary Amer Society	3
10-809-198	Intro to Psychology	3
10-809-103	Think Critically & Creatively	3

Suggested Electives (6 Credits)

10-110-153	Bankruptcy Law	3
10-110-160	Employment Law for Paralegals	3
10-110-122	Creditor/Debtor Relations	3

Supply Chain Management

10-182-1

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

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

Technical Studies (36 Credits)

		Credits
10-102-112	Business, Introduction to	3
10-103-120	MS Office Suite, Introduction	2
10-182-123	Supply Chain Career Exploration	1
10-182-124	Supply Chain Management, Introduction	2
10-101-145	Spreadsheets, Beginning	1
10-182-118	Principles of Inventory Management	3
10-182-119	Principles of Operations Planning	3
10-101-152	Spreadsheets, Intermediate	1
10-182-120	Principles of Manufacturing Management	3
10-623-195	Lean Tools	2
10-182-121	Principles of Managing Operations	3
10-196-110	Cost Controls and Budgeting	3
10-138-150	Global Business Fundamentals	3
10-182-122	Principles of Distribution and Logistics	3
10-102-105	Business Management Internship	3

General Studies (21 Credits)

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

Suggested Electives (3 Credits)

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

COMMUNICATIONS

Communications, Professional 10-699-1
Associate Degree • 64 Credits • Financial Aid Eligible • Online

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

Technical Studies (40 Credits)		Credits
10-103-120	MS Office Suite, Introduction	2
10-104-151	Marketing 1, Principles of	3
10-699-112	Introduction to Professional Communications	3
10-890-100	College Success: On Course	1
10-152-105	Web Graphics, Introduction to	3
10-699-121	Introduction to Social Media	1
10-699-102	Intercultural Communication	3
10-699-106	Proposal/Grant Writing	3
10-699-116	Developing Product Documentation	3
10-699-117	Designing Content for the Web	3
10-699-123	Video Publishing	1
10-699-104	Research Methods for Professional Communications	3
10-699-105	Writing Content for the Web	3
10-699-120	Information Design	3
10-699-122	Publishing Content for Mobile Devices	1
10-699-141	Professional Communications Internship	3
10-699-142	E-portfolio Development	1

General Studies (21 Credits)

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

Suggested Electives (3 Credits)

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

"I was studying exactly what the company needed and was hired before I graduated."

Kim Warriner
FVTC Alumna
Supply Chain Management



Construction

Construction Management Technology 10-455-4

Associate Degree • 70 Credits • Financial Aid Eligible • Oshkosh

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

Technical Studies (47 Credits)		Credits
10-455-101	Site Layout and Construction (CMT)	2
10-455-102	Introduction to Construction Management (CMT)	1
10-455-121	Understanding Construction Drawings (CMT)	1
10-455-127	Construction Safety Management (CMT)	2
10-455-105	Foundation System (CMT)	2
10-455-111	Structural Systems (CMT)	2
10-455-112	Exterior Enclosure Systems (CMT)	2
10-455-118	Interior Building Finishes (CMT)	2
10-455-122	Architectural Design and Review (CMT)	2
10-455-107	Construction Management Internship (CMT)	2
10-455-125	Construction Management Field Study	1
10-101-107	Accounting, Principles of	3
10-196-191	Supervision	3
10-455-106	Construction Estimating (CMT)	2
10-455-108	Construction Contracts and Law (CMT)	2
10-455-109	Construction Scheduling (CMT)	2
10-455-120	Revit Architecture (CMT)	2
10-455-126	Mechanical, Electrical & Plumbing Systems (CMT)	3
10-455-104	Construction Engineering Fundamentals (CMT)	3
10-455-113	Construction Project Management (CMT)	2
10-455-115	Computer-Integrated-Construction (CMT)	2
10-455-116	Sustainable Design and Construction (CMT)	2
10-455-123	Construction Financial Management (CMT)	2
General Studies (23 Credits)		
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-113	College Technical Math 1A	3
10-804-114	College Technical Math 1B	2
10-806-143	College Physics 1	3
10-809-195	Economics	3
10-801-197	Technical Reporting	3
10-809-199	Psychology of Human Relations	3

Construction, Residential Building

31-410-7

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

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

Occupational Specific (35 Credits)		Credits
31-409-317	Layout and Sawing Operations	2
31-410-335	Blueprint Reading & Estimating-Construction	2
31-410-354	Exterior Finish Project (RBC)	3
31-410-356	Interior Closure Project (RBC)	3
31-410-330	Exterior Finish Principles (RBC)	2
31-410-331	Interior Closure Principles (RBC)	2
31-410-315	Introduction to AutoCAD-Construction	2
31-410-358	Interior Finish Project, Basic (RBC)	3
31-410-360	Interior Finish Project, Intermediate (RBC)	3
31-410-333	Interior Finish Principles, Basic (RBC)	3
31-410-334	Interior Finish Principles, Intermediate (RBC)	3
31-410-362	Frame Construction Project (RBC)	3
31-410-363	Residential Building Codes and Regulations (RBC)	1
31-410-352	Frame Construction Principles (RBC)	3
Occupational Supportive (3 Credits)		
31-890-307	Workplace Reality	2
31-531-301	First Aid/CPR	1

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

See page 17 for more information.

*View Gainful Employment at www.fvtc.edu/GainfulEmployment

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

Spencer Collin
FVTC Alumnus
Residential Building & Construction

Electricity

31-413-1

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

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

Occupational Specific (37 Credits)

Credits

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



Culinary & Hospitality

Culinary Arts

10-316-1

Associate Degree • 69 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (45 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
10-316-103	Pantry Production	1
10-316-104	Soup & Stock Production	1
10-316-105	Comfort Food Production	1
10-316-112	Baking, Principles of	1
10-316-113	Breakfast Cookery and Trends	1
10-316-117	Convenience Bakery	1
10-101-107	Accounting, Principles of	3
10-316-106	Complex Carbohydrates	1
10-316-107	Heart Healthy Cuisine & Light Sauces	1
10-316-111	Vegetables and Vegetarian	1
10-316-114	Garde Manger	1
10-316-115	Lunch Cookery and Trends	1
10-316-116	Deli Operations	1
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 (21 Credits)

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

Suggested Electives (3 Credits)

10-316-150	Food Service Independent Study	1
10-316-151	Asian Cuisine	1
10-316-152	European Cuisine	1
10-316-153	Planning a Major Catered Event	1
10-316-154	Ice Carving	1
10-316-157	Culinary Competition	1
10-141-100	Spanish 1 Culinary Arts	3
10-316-187	Local, Sustainable & Organic Food Products	2
10-316-186	Latin American Cuisine	1

Food Service Production

31-303-2

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

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

Occupational Specific (23 Credits)

Credits

10-109-152	Introduction to Hospitality	3
10-316-103	Pantry Production	1
10-316-104	Soup & Stock Production	1
10-316-105	Comfort Food Production	1
10-316-110	Culinary Fundamentals	3
10-316-112	Baking, Principles of	1
10-316-113	Breakfast Cookery and Trends	1
10-316-117	Convenience Bakery	1
10-316-125	Culinary Foundations	1
10-316-106	Complex Carbohydrates	1
10-316-107	Heart Healthy Cuisine & Light Sauces	1
10-316-111	Vegetables and Vegetarian	1
10-316-114	Garde Manger	1
10-316-115	Lunch Cookery and Trends	1
10-316-116	Deli Operations	1
10-316-118	Sanitation for Food Service Operations	1
10-316-119	Nutrition for Culinary Arts	1
10-316-120	Culinary Applications	2

Occupational Supportive (7 Credits)

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

*View Gainful Employment at www.fvtc.edu/GainfulEmployment

Hospitality Management

10-109-2

Associate Degree • 67 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (43 Credits)

		Credits
10-101-107	Accounting, Principles of	3
10-109-119	Hospitality Security	2
10-109-152	Introduction to Hospitality	3
10-316-101	Food Production, Introduction to	3
10-316-120	Culinary Applications	2
10-531-101	First Aid/CPR, Principles and Practices	1
10-109-103	Hospitality Law and Liability	3
10-109-113	Hospitality - Internship 1	2
10-109-125	Hospitality Sales and Promotion	2
10-316-118	Sanitation for Food Service Operations	1

10-109-111	Room Operations	3
10-109-114	Hospitality - Internship 2	2
10-109-126	Customer Service Management	3
10-109-131	Tourism: A Community Approach	3
10-316-142	Catering and Special Event Planning	2
10-109-140	Principles of Group Sales	2
10-316-123	Hospitality Supervision	3
10-316-141	Food, Beverage and Labor Cost Controls	3

General Studies (21 Credits)

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

Suggested Electives (3 Credits)

10-109-150	Issues in Hospitality	2
10-802-100	Spanish I	3



Engineering Technologies

ELECTRICAL & ELECTRONICS

Electrical Engineering Technology 10-662-1

Associate Degree • 69 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (36 Credits)		Credits
10-605-130	Digital 1	1
10-605-131	Digital Electronics 2	1
10-660-110	DC Circuits 1	1
10-660-111	DC Circuits 2	1
10-660-112	DC Circuits 3	1
10-660-114	AC Circuits 1	1
10-660-151	Embedded Programming 1	1
10-660-163	Construction Techniques	1
10-660-181	Technical Software Essentials	1
10-660-184	Computer Systems	1
10-605-106	Solder Rework & Repair-IPC Prep	1
10-605-113	DC Circuits 4	1
10-605-116	AC Circuits 3	1
10-605-125	Semiconductors 3	1
10-605-146	Embedded Programming 2	1
10-605-148	Embedded Programming 3	1
10-660-115	AC Circuits 2	1
10-660-128	Semiconductors 1	1
10-660-129	Semiconductors 2	1
10-605-118	Circuit Analysis	2
10-605-119	Linear Electronics	3
10-605-160	Microcontroller Interfacing	3
10-804-120	Technical Calculus 1	4
10-605-132	Digital Electronics 3	1
10-804-119	Technical Calculus 2	4
General Studies (27 Credits)		
10-804-115	College Technical Math 1	5
10-804-116	College Technical Math 2	4
10-806-143	College Physics 1	3
10-801-195	Written Communication	3
10-801-197	Technical Reporting	3
10-809-195	Economics	3
10-809-196	Intro to Sociology	3
10-809-199	Psychology of Human Relations	3
Suggested Electives (6 Credits)		
10-662-112	Advanced Circuit Analysis 1	3
10-662-124	Advanced Circuit Analysis 2	3

Electronic Engineering Technology 10-605-7

Associate Degree • 64 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (37 Credits)		Credits
10-605-130	Digital 1	1
10-605-131	Digital Electronics 2	1
10-660-110	DC Circuits 1	1
10-660-111	DC Circuits 2	1
10-660-112	DC Circuits 3	1
10-660-114	AC Circuits 1	1
10-660-151	Embedded Programming 1	1
10-660-163	Construction Techniques	1
10-660-181	Technical Software Essentials	1
10-660-184	Computer Systems	1
10-605-106	Solder Rework & Repair-IPC Prep	1
10-605-113	DC Circuits 4	1
10-605-116	AC Circuits 3	1
10-605-125	Semiconductors 3	1
10-605-146	Embedded Programming 2	1
10-605-148	Embedded Programming 3	1
10-660-115	AC Circuits 2	1
10-660-128	Semiconductors 1	1
10-660-129	Semiconductors 2	1
10-806-143	College Physics 1	3
10-605-119	Linear Electronics	3
10-605-141	LabVIEW Graphical Programming	2
10-605-156	CAD for Electronics	1
10-605-160	Microcontroller Interfacing	3
10-660-185	Computer Systems & Networks	1
10-605-159	PCB Design	1
10-605-162	Electronics Final Project	2
10-605-182	Electronic Communications	2
General Studies (21 Credits)		
10-804-115	College Technical Math 1	5
10-804-116	College Technical Math 2	4
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-809-195	Economics	3
10-809-199	Psychology of Human Relations	3
Suggested Electives (6 Credits)		
10-605-122	PCB Assembly Systems	1
10-605-155	Product Testing/Systems	1
10-609-171	Electrical Motors	1
10-620-162	Pneumatics 1	1
10-609-173	Programmable Logic Controllers 1	1
10-605-170	Digital Communications	1
10-623-128	Lean Six Sigma Fundamentals	1

MANUFACTURING & AUTOMATION

Automated Manufacturing Systems Technology

10-628-3

Associate Degree • 69 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (42 Credits)

		Credits
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
10-660-181	Technical Software Essentials	1
10-660-184	Computer Systems	1
10-660-185	Computer Systems & Networks	1
10-628-151	PLC 1	1
10-660-170	Ladder Logic & Control Devices	1
10-419-103	Fluid Power	3
10-628-113	Electronic Construction Applications	1
10-628-152	PLC 2	1
10-628-153	PLC 3	1
10-628-183	Visual Basic Programming	3
10-628-187	AutoCAD Fundamentals	1
10-628-188	Blueprint Reading & AutoCAD	1

10-660-128	Semiconductors 1	1
10-660-129	Semiconductors 2	1
10-628-112	Robotics	2
10-628-131	Instrumentation and Process Control	3
10-628-142	Elements of Machines	2
10-628-154	PLC 4	1
10-628-155	PLC 5	1
10-628-159	Operator Interfaces	1
10-620-142	Motors and Drives 2	1
10-620-148	Motors and Drives 1	1
10-628-141	Cell Integration	3
10-628-143	Enterprise Integration	2
10-628-144	Electrical Power Systems	2

General Studies (23 Credits)

10-801-196	Oral/Interpersonal Comm	3
10-804-113	College Technical Math 1A	3
10-801-195	Written Communication	3
10-804-114	College Technical Math 1B	2
10-809-199	Psychology of Human Relations	3
10-801-197	Technical Reporting	3
10-809-195	Economics	3

Select a total of 3 credits from these options:

10-804-123	Math w Business Apps	3
10-804-107	College Mathematics	3
10-804-116	College Technical Math 2	4
10-806-143	College Physics 1	3
10-809-166	Intro to Ethics: Theory & App	3
10-809-172	Introduction to Diversity Studies	3
10-809-196	Intro to Sociology	3
10-809-197	Contemporary Amer Society	3

Suggested Electives (4 Credits)

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

Looking for opportunities
beyond an
associate degree?

See page 17 for
more information.



Electro-Mechanical Technology

10-620-1

Associate Degree • 68 Credits • Financial Aid Eligible • Appleton, Oshkosh

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

Technical Studies (40 Credits)

	Credits
10-609-101 Electrical Safety, Industry	1
10-620-154 Hydraulics 1	1
10-620-160 Mechanical Linkages 1	1
10-620-162 Pneumatics 1	1
10-620-163 Pneumatics 2	1
10-620-177 Mechanical Drives 1	1
10-660-110 DC Circuits 1	1
10-660-111 DC Circuits 2	1
10-660-114 AC Circuits 1	1
10-660-112 DC Circuits 3	1
10-620-155 Hydraulics 2	1
10-620-170 Electrical Generators & Power Dist Systems	1
10-660-115 AC Circuits 2	1
10-628-151 PLC 1	1
10-628-152 PLC 2	1
10-660-170 Ladder Logic & Control Devices	1
10-628-101 Concepts of Programming for Technicians	1
10-660-181 Technical Software Essentials	1
10-620-161 Mechanical Linkages 2	1
10-620-178 Mechanical Drives 2	1
10-660-128 Semiconductors 1	1
10-620-187 Sensors	1
10-620-188 System Troubleshooting	1

10-620-190 Advanced AC/DC Variable Speed Drives	1
10-620-192 Advanced Programmable Logic Controllers 1	1
10-628-153 PLC 3	1
10-628-154 PLC 4	1
10-628-155 PLC 5	1
10-620-142 Motors and Drives 2	1
10-620-148 Motors and Drives 1	1
10-660-129 Semiconductors 2	1
10-620-156 Hydraulics 3	1
10-620-173 Servomechanisms 1	1
10-620-174 Servomechanisms 2	1
10-620-183 Process Variables and Measurements 1	1
10-620-184 Process Variables and Measurements 2	1
10-620-185 Instrumentation and Process Control 1	1
10-620-186 Instrumentation and Process Control 2	1
10-620-189 Electromechanical Systems 1	1
10-620-191 Advanced Systems Control	1

General Studies (24 Credits)

10-804-115 College Technical Math 1	5
10-801-196 Oral/Interpersonal Comm	3
10-804-116 College Technical Math 2	4
10-801-195 Written Communication	3
10-809-195 Economics	3
10-809-199 Psychology of Human Relations	3
10-801-197 Technical Reporting	3

Suggested Electives (4 Credits)

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



Manufacturing Engineering Technology NEW 10-623-3

Associate Degree • 68 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (47 Credits)

	Credits
10-606-114 AutoCAD, Introduction to	1
10-623-195 Lean Tools	2
10-660-110 DC Circuits 1	1
10-660-111 DC Circuits 2	1
10-660-114 AC Circuits 1	1
10-660-170 Ladder Logic & Control Devices	1
10-628-151 PLC 1	1
10-419-103 Fluid Power	3
10-606-102 CATIA V5 - Basic	2
10-606-119 Statics and Strength of Materials	3
10-623-121 Engineering Materials	3
10-628-112 Robotics	2
10-628-152 PLC 2	1
10-606-121 Elements of Machine Design	3
10-623-119 Manufacturing Processes with Lab	4
10-623-176 Fixtures, Jigs & Tooling	4
10-623-104 IE/ME Engineering Economics	3
10-623-120 Computer-Aided Manufacturing	4
10-623-132 Project Management	3
10-623-169 Designing & Improving Processes	4

General Studies (21 Credits)

10-804-197 College Algebra and Trigonometry with Applications	5
10-806-134 General Chemistry	4
10-801-196 Oral/Interpersonal Comm	3
10-801-195 Written Communication	3
10-809-199 Psychology of Human Relations	3
10-809-197 Contemporary Amer Society	3

Quality Engineering Technology NEW

10-623-9

Associate Degree • 63 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (39 Credits)

	Credits
10-623-106 Interpretation of Engineering Drawings	2
10-623-148 Manufacturing Processes	3
10-623-195 Lean Tools	2
10-182-124 Supply Chain Management, Introduction	2
10-623-113 Lean Implementation	4
10-623-115 Quality Audits	3
10-623-194 Introduction to Six Sigma	3
10-623-117 Preventive & Corrective Action	3
10-623-196 Statistics for Six Sigma	3
10-623-132 Project Management	3
10-623-171 Quality Management	3
10-623-197 Advanced Statistical Tools for Six Sigma	3

Select a total of 3 credits from these options:

10-506-101 Beginning Laboratory Science	3
10-623-173 Metrology, Inspection & Testing	3

Select a total of 2 credits from these options:

10-623-175 Advanced Inspection Techniques	2
10-506-113 Instrumentation	2

General Studies (21 Credits)

10-801-195 Written Communication	3
10-804-197 College Algebra and Trigonometry with Applications	5
10-809-197 Contemporary Amer Society	3
10-806-134 General Chemistry	4
10-809-199 Psychology of Human Relations	3
10-801-196 Oral/Interpersonal Comm	3

Suggested Electives (3 Credits)

10-623-102 Engineering Internship - 2 Cr	2
10-623-101 Engineering Internship - 3 Cr	3
10-801-197 Technical Reporting	3
10-606-114 AutoCAD, Introduction to	1
10-809-195 Economics	3

MECHANICAL DESIGN

Mechanical CAD Drafting

31-606-3

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

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

Occupational Specific (25 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
10-804-115 College Technical Math 1	5
10-606-102 CATIA V5 - Basic	2
10-606-156 Threads and Fasteners	1
10-606-157 Gears and Cams	1
10-606-158 Solid Modeling and Working Drawings	1
10-606-159 Structural and Piping Drafting	1
10-606-160 AutoCAD Mechanical	1
10-804-116 College Technical Math 2	4
10-623-119 Manufacturing Processes with Lab	4

Occupational Supportive (6 Credits)

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

Mechanical Design Technology

10-606-1

Associate Degree • 69 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (41 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
10-606-102 CATIA V5 - Basic	2
10-606-156 Threads and Fasteners	1
10-606-157 Gears and Cams	1
10-606-158 Solid Modeling and 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
10-420-111 Metallurgy	2
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 (24 Credits)

10-801-196 Oral/Interpersonal Comm	3
10-804-115 College Technical Math 1	5
10-809-197 Contemporary Amer Society	3
10-801-195 Written Communication	3
10-804-116 College Technical Math 2	4
10-809-195 Economics	3
10-809-199 Psychology of Human Relations	3

Suggested Electives (4 Credits)

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

*View Gainful Employment at www.fvtc.edu/GainfulEmployment

SAFETY, ENERGY & ENVIRONMENTAL

Energy & Environmental Engineering Technology

10-481-4

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

Sustainability is emerging as a key business requirement as customers, employees and the public are putting increasing pressure on every organization to reduce their impact on the planet. In this program, you will learn about energy efficiency, energy alternatives, energy conservation, energy cost, environmental management systems and the impact of energy usage on the environment. You will learn to apply engineering principles in the protection of human health and the environment, while minimizing costs and risks. Gain skills in project management and lean manufacturing too. You'll be well prepared for the changing business climate in which energy and the environment are key concerns.

Technical Studies (38 Credits)

	Credits
10-103-145 MS Excel 2010 Introduction	1
10-481-104 Fundamentals of Energy	2
10-623-106 Interpretation of Engineering Drawings	2
10-623-148 Manufacturing Processes	3
10-481-106 Energy Production & Use	3
10-490-103 Sustainability as a Business Strategy	3
10-623-195 Lean Tools	2
10-623-109 Introduction to Project Management	1
10-449-122 Introduction to the ISO 14000 Series	3
10-449-156 Industrial Environmental Management	3
10-481-102 Carbon Footprint Reduction Management	3
10-481-108 Economics & Procurement of Energy	3
10-449-134 Environmental Laws & Regulations in Industry	3
10-481-107 Energy & Environmental Conservation	3
10-623-194 Introduction to Six Sigma	3

General Studies (21 Credits)

10-801-195 Written Communication	3
10-804-115 College Technical Math 1	5
10-801-196 Oral/Interpersonal Comm	3
10-806-114 General Biology	4
10-809-199 Psychology of Human Relations	3
10-809-197 Contemporary Amer Society	3

Suggested Electives (3 Credits)

10-480-101 Renewable Energies, Overview	2
10-623-102 Engineering Internship - 2 Cr	2

Safety Engineering Technology

10-449-3

Associate Degree • 60 Credits • Financial Aid Eligible • Oshkosh

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

Technical Studies (36 Credits)

	Credits
10-449-102 Regulatory Compliance	3
10-449-134 Environmental Laws & Regulations in Industry	3
10-449-153 Construction Safety Management	3
10-449-158 Fleet Safety	3
10-449-103 Accident Investigation	3
10-449-154 Industrial Hygiene	4
10-449-155 Fundamentals of Security Management	3
10-449-156 Industrial Environmental Management	3
10-449-119 Ergonomics	3
10-449-157 Emergency Response Operations	4
10-449-161 Safety Program Management	4

General Studies (21 Credits)

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

Suggested Electives (3 Credits)

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

Wind Energy Technology

10-482-1

Associate Degree • 66 Credits • Financial Aid Eligible • Appleton

A Lakeshore Technical College program offered at FVTC

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

For details: www.gotoltc.edu/academics/programs-of-study/wind-energy-program

Health Science

Dental Assistant

31-508-1

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

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

Occupational Specific (30 Credits)

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

Occupational Supportive (3 Credits)

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

Katarina Auler
Dental Assistant & Hygienist



*View Gainful Employment at www.fvtc.edu/GainfulEmployment

Dental Hygienist

10-508-1

Associate Degree • 70 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (42 Credits)

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

General Studies (27 Credits)

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

Suggested Electives (1 Credit)

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

Health Information Technology

10-530-1

Associate Degree • 67 Credits • Financial Aid Eligible • Appleton

Want a career in the dynamic field of health care, but without the patient interaction? With this degree, you deal more with the patient's health care 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.

Technical Studies (43 Credits)

	Credits
10-501-101 Medical Terminology	3
10-501-107 Digital Literacy for Healthcare	2
10-530-176 Health Data Management	2
10-530-181 Introduction to the Health Record	1
10-530-182 Human Disease for the Health Professions	3
10-103-182 MS Access Introduction	1
10-530-178 Healthcare Law & Ethics	2
10-530-197 ICD Diagnosis Coding	3
10-530-199 ICD Procedure Coding	2
10-530-160 Healthcare Informatics	4
10-530-177 Healthcare Statistics & Research	2
10-530-184 CPT Coding	3
10-530-195 Applied Coding	2
10-530-196 Professional Practice 1	3
10-530-161 Health Quality Management	3
10-530-185 Healthcare Reimbursement	2
10-530-194 HIM Organizational Resources	2
10-530-198 Professional Practice 2	3

General Studies (24 Credits)

10-801-196 Oral/Interpersonal Comm	3
10-806-189 Basic Anatomy	3
10-801-195 Written Communication	3
10-809-196 Intro to Sociology	3
10-809-198 Intro to Psychology	3
10-801-197 Technical Reporting	3
10-809-172 Introduction to Diversity Studies	3
10-809-195 Economics	3

Medical Assistant

31-509-1

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

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

Occupational Specific (25 Credits)		Credits
10-501-182	Human Diseases for Health Care Professions	3
31-509-301	Medical Asst Admin Procedures	2
31-509-303	Medical Asst Lab Procedures 1	2
31-509-304	Medical Asst Clin Procedures 1	4
31-509-307	Med Office Insurance & Finance	2
10-501-108	Pharmacology for Allied Health	2
10-501-109	Medical Law, Ethics & Profess	2
31-509-305	Med Asst Lab Procedures 2	2
31-509-306	Med Asst Clin Procedures 2	3
31-509-310	Medical Assistant Practicum	3

Occupational Supportive (8 Credits)

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

Medical Coding Specialist

31-530-2

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

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

Occupational Specific (21 Credits)		Credits
10-501-107	Digital Literacy for Healthcare	2
10-530-176	Health Data Management	2
10-530-181	Introduction to the Health Record	1
10-103-182	MS Access Introduction	1
10-530-182	Human Disease for the Health Professions	3
10-530-184	CPT Coding	3
10-530-185	Healthcare Reimbursement	2
10-530-195	Applied Coding	2
10-530-197	ICD Diagnosis Coding	3
10-530-199	ICD Procedure Coding	2

Occupational Supportive (6 Credits)

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

Nursing - Associate Degree

10-543-1

Associate Degree • 70 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (38 Credits)		Credits
10-543-101	Nursing Fundamentals	2
10-543-102	Nursing Skills	3
10-543-103	Nursing Pharmacology	2
10-543-104	Nsg: Intro Clinical Practice	2
10-543-105	Nursing Health Alterations	3
10-543-106	Nursing Health Promotion	3
10-543-107	Nsg: Clin Care Across Lifespan	2
10-543-108	Nsg: Intro Clinical Care Mgt	2
10-543-109	Nsg: Complex Health Alterat 1	3
10-543-110	Nsg: Mental Health Comm Con	2
10-543-111	Nsg: Intermed Clin Practice	3
10-543-112	Nursing Advanced Skills	1
10-543-113	Nsg: Complex Health Alterat 2	3
10-543-114	Nsg: Mgt & Profess Concepts	2
10-543-115	Nsg: Adv Clinical Practice	3
10-543-116	Nursing Clinical Transition	2

General Studies (27 Credits)

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

Suggested Electives (5 Credits)

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

*View Gainful Employment at www.fvtc.edu/GainfulEmployment

Nursing Assistant

30-543-1

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

A nursing assistant is an essential member of the health care 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).

Occupational Specific (3 Credits)

30-543-300 Nursing Assistant

Credits

3



Nursing Pathway, LPN to ADN

10-543-1PATH

Associate Degree • 71 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (39 Credits)

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

General Studies (27 Credits)

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

Suggested Electives (5 Credits)

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

Nursing, Paramedic to ADN Pathway **NEW**

10-543-1PARA

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton

If you're currently a practicing paramedic in the state of Wisconsin and want to continue your education to become a registered nurse, this program is designed for you. You can apply the credits from your paramedic diploma to give you a head start. Then continue your hands-on experience using a wide range of clinical skills, health assessments and medication administration. Our state-of-the-art health simulation environment gives you access to a variety of lifelike 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.

Technical Studies (30 Credits)

	Credits
10-531-923 Paramedic Capstone	1
10-543-127 Paramedic to ADN Theory 1	3
10-543-128 Paramedic to ADN Theory 2	3
10-543-129 Paramedic to ADN Clinical	2
10-543-130 Paramedic to ADN Skills	2
10-543-109 Nsg: Complex Health Alterat 1	3
10-543-110 Nsg: Mental Health Comm Con	2
10-543-111 Nsg: Intermed Clin Practice	3
10-543-112 Nursing Advanced Skills	1
10-543-113 Nsg: Complex Health Alterat 2	3
10-543-114 Nsg: Mgt & Profess Concepts	2
10-543-115 Nsg: Adv Clinical Practice	3
10-543-116 Nursing Clinical Transition	2

General Studies (27 Credits)

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

Electives (3 Credits)

Nursing, Practical

31-543-1

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

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

Occupational Specific (19 Credits)

	Credits
31-543-301 Nursing Fundamentals	2
31-543-302 Nursing Skills	3
31-543-303 Nursing Pharmacology	2
31-543-304 Nursing: Introduction to Clinical Practice	2
31-543-305 Nursing Health Alterations	3
31-543-306 Nursing Health Promotion	3
31-543-307 Nursing: Clinical Care Across the Lifespan	2
31-543-308 Nursing: Introduction to Clinical Care Management	2

Occupational Supportive (11 Credits)

10-501-153 Body Structure and Function	2
10-801-136 English Composition 1	3
10-809-188 Developmental Psychology	3
10-801-196 Oral/Interpersonal Comm	3

Want to continue your education beyond an associate degree?

See page 17 for more information.

*View Gainful Employment at www.fvtc.edu/GainfulEmployment

Occupational Therapy Assistant

10-514-1

Associate Degree • 70 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (48 Credits)

Credits

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

General Studies (22 Credits)

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

Pharmacy Technician

31-536-1

Technical Diploma • 37 Credits • Financial Aid Eligible • Appleton
A Lakeshore Technical College Program Offered at FVTC

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

For details: www.gotoltc.edu/academics/programs-of-study/pharmacy-technician-program

Therapeutic Massage **NEW**

31-537-1

Technical Diploma • 27 Credits • Financial Aid Pending • Appleton

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

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

Occupational Supportive (3 Credits)

10-145-104	Entrepreneurship, Introduction to	3
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Human Services

ALCOHOL & OTHER DRUG ABUSE

Alcohol & Other Drug Abuse Associate 10-550-1

Associate Degree • 69 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (44 Credits) Credits

10-501-107	Digital Literacy for Healthcare	2
10-520-105	Personal/Professional Development	1
10-550-100	Substance Abuse Services, Overview of	2
10-550-106	Understanding Addiction	3
10-550-109	Clients' Rights and Clinical Ethics	2
10-550-118	Psychopharmacology	3
10-550-125	Counseling Skills and Practices, Basic	2
10-550-120	Assessment and Diagnosis of Substance Abuse	4
10-550-126	Counseling Theory 1	2
10-550-141	Group Facilitation	2
10-550-150	Family Systems and AODA	2
10-550-137	Pre-Internship Seminar	1
10-550-130	Counseling Theory 2	2
10-550-132	Counseling Skills Lab	1
10-550-136	AODA Case and Records Management	2
10-550-160	AODA Internship	4
10-550-161	AODA Internship Seminar	1
10-550-134	Mental Disorders, Overview of	3
10-550-138	Cross-Cultural Counseling	3
10-550-139	AODA Advanced Internship	2

General Studies (25 Credits)

10-801-195	Written Communication	3
10-809-198	Intro to Psychology	3
10-806-198	Human Biology	4
10-801-196	Oral/Interpersonal Comm	3
10-809-159	Abnormal Psychology	3
10-809-188	Developmental Psychology	3
10-809-196	Intro to Sociology	3
10-801-197	Technical Reporting	3

EARLY CHILDHOOD EDUCATION

Early Childhood Education

10-307-1

Associate Degree • 70 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (45 Credits) Credits

10-307-148	Foundations of Early Childhood	3
10-307-167	Health, Safety & Nutrition	3
10-307-174	Early Childhood Practicum 1	3
10-307-178	Art, Music & Language Arts	3
10-307-179	Child Development	3
10-307-151	Infant & Toddler Development	3
10-307-188	Guiding Child Behavior	3
10-307-192	Early Childhood Practicum 2	3
10-307-194	Math, Science & Social Studies	3
10-307-166	Curriculum Planning	3
10-307-187	Children with Differing Abilities	3
10-307-197	Early Childhood Practicum 3	3
10-307-195	Family & Community Relationships	3
10-307-198	Administration of an ECE Program	3
10-307-199	Early Childhood Practicum 4	3

General Studies (22 Credits)

10-801-195	Written Communication	3
10-801-198	Speech	3
10-809-172	Introduction to Diversity Studies	3
10-809-166	Intro to Ethics: Theory & App	3
10-809-198	Intro to Psychology	3
10-806-114	General Biology	4
10-809-196	Intro to Sociology	3

Suggested Electives (3 Credits)

10-307-111	Movement and Music for Children	3
10-307-113	WI Model Early Learning Standards	1
10-307-117	Credit for ECE Prior Learning	3
10-307-133	Curriculum for Family Child Care	3
10-307-130	Autism Spectrum Disorder (ASD) — Introduction	1
10-307-131	Autism Spectrum Disorder, Social Integration	2

*View Gainful Employment at www.fvtc.edu/GainfulEmployment

Information Technology

NETWORK/COMPUTER SUPPORT

Computer Support Specialist 10-154-3

Associate Degree • 64 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (40 Credits) Credits

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

General Studies (21 Credits)

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

Suggested Electives (3 Credits)

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

Help Desk Support Specialist

31-154-7

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

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

Occupational Specific (28 Credits) Credits

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

Occupational Supportive (3 Credits)

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

See page 17 for
more information.

Information Systems Security Specialist **NEW**

10-151-3

Associate Degree • 64 Credits • Financial Aid Pending • Appleton

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

Technical Studies (40 Credits)		Credits
10-150-144	Ethical Hacking	3
10-150-161	Information Assurance	2
10-150-162	Network Essentials	2
10-154-107	Desktop Management	2
10-504-176	CCI: Computer Crime Investigation	2
10-101-190	Financial Fraud Detection, Fundamentals of	1
10-150-116	Network Infrastructure 1	3
10-150-149	Windows PowerShell Scripting	3
10-150-156	Windows Server	3
10-150-141	Operating Systems Security	2
10-150-159	Server Applications	3
10-150-167	Risk Assessment	3
10-150-168	Security Monitoring and Operations	3
10-150-160	Network Security	3
10-150-166	Incident Response	3
10-504-179	CCI: Basic Data Recovery	2
General Studies (21 Credits)		
10-804-133	Math & Logic	3
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-809-166	Intro to Ethics: Theory & App	3
10-801-197	Technical Reporting	3
10-804-123	Math w Business Apps	3
10-809-199	Psychology of Human Relations	3
Suggested Electives (3 Credits)		
10-504-178	CCI: Investigating Internet Crime	2
10-150-159	Server Applications	3
10-504-177	CCI: Computer Crime Law	3
10-150-122	Network Infrastructure 2	3

Network Specialist

10-150-2

Associate Degree • 65 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (41 Credits)		Credits
10-107-184	IT Concepts	2
10-107-187	IT Career Exploration	1
10-150-147	Linux, Introduction to	2
10-150-162	Network Essentials	2
10-154-106	Desktop Repair and Maintenance	2
10-154-107	Desktop Management	2
10-150-116	Network Infrastructure 1	3
10-150-129	Scripting Using Perl	3
10-150-156	Windows Server	3
10-150-161	Information Assurance	2
10-107-110	IT Professional Skills	2
10-150-122	Network Infrastructure 2	3
10-150-127	IT Project Management	2
10-150-146	Wireless Networking	2
10-150-144	Ethical Hacking	3
10-150-145	IP (Internet Protocol) Telephony	2
10-150-160	Network Security	3
10-150-163	Network Specialist Capstone	2
General Studies (21 Credits)		
10-801-195	Written Communication	3
10-804-133	Math & Logic	3
10-801-196	Oral/Interpersonal Comm	3
10-804-123	Math w Business Apps	3
10-801-197	Technical Reporting	3
10-809-166	Intro to Ethics: Theory & App	3
10-809-199	Psychology of Human Relations	3
Suggested Electives (3 Credits)		
10-107-113	Information Technology Internship 1	1
10-107-114	Information Technology Internship 2	2
10-150-105	Virtualization Technologies	3
10-150-107	System Administration	3
10-150-148	Linux Administration	3
10-150-150	E-mail Administration	2

Network Systems Administration

10-150-5

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

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

Technical Studies (42 Credits)

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

General Studies (21 Credits)

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

Suggested Electives (3 Credits)

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

SOFTWARE DEVELOPMENT/WEB**Software Developer**

10-152-1

Associate Degree • 70 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (46 Credits)

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

General Studies (21 Credits)

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

Suggested Electives (3 Credits)

10-107-186 IT Career Skills	3
10-152-165 Oracle Database Administration	3
10-152-117 JavaScript	3
10-152-181 iOS Programming	3
10-152-182 Android Programming	3

Web Design **NEW**

31-152-2

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

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

Occupational Specific (30 Credits)

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

Web Development & Design Specialist

10-152-2

Associate Degree • 63 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (39 Credits)

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

General Studies (21 Credits)

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

Suggested Electives (3 Credits)

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



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

See page 17 for more information.

*View Gainful Employment at www.fvtc.edu/GainfulEmployment

Manufacturing

INDUSTRIAL MAINTENANCE

Industrial Maintenance Mechanic 31-462-2

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

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

Occupational Specific (26 Credits)	Credits
10-419-103 Fluid Power	3
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
31-804-308 Industrial Maintenance Math	2
10-628-151 PLC 1	1
10-660-170 Ladder Logic & Control Devices	1
10-609-101 Electrical Safety, Industry	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
10-628-142 Elements of Machines	2
10-628-144 Electrical Power Systems	2
10-628-152 PLC 2	1
10-628-153 PLC 3	1
10-628-159 Operator Interfaces	1

Technical Studies-Journeyworker 10-499-5

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (39 Credits)	Credits
10-499-039 Journeyworker-Advanced Standing	39
<i>Select a total of 6 credits from these options:</i>	
10-801-196 Oral/Interpersonal Comm	3
10-801-197 Technical Reporting	3
10-801-198 Speech	3
10-801-136 English Composition 1	3
10-801-195 Written Communication	3
<i>Select a total of 3 credits from these options:</i>	
10-809-196 Intro to Sociology	3
10-809-195 Economics	3
10-809-197 Contemporary Amer Society	3
10-809-122 Intro to Amer Government	3
10-809-166 Intro to Ethics: Theory & App	3
10-809-172 Introduction to Diversity Studies	3
10-809-110 Leadership as an Art	3
<i>Select a total of 3 credits from these options:</i>	
10-809-198 Intro to Psychology	3
10-809-199 Psychology of Human Relations	3
10-809-159 Abnormal Psychology	3
10-809-188 Developmental Psychology	3
<i>Select a total of 3 credits from these options:</i>	
10-806-134 General Chemistry	4
10-806-143 College Physics 1	3
10-806-144 College Physics 2	3
10-806-114 General Biology	4
10-804-123 Math w Business Apps	3
10-804-106 Intro to College Math	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
10-804-109 Algebra	2
10-804-107 College Mathematics	3

Plus select 6 additional General Studies credits from above.

MANUFACTURING OPERATIONS

Industrial Engineering Technology **NEW** 10-623-1

Associate Degree • 64 Credits • Financial Aid Eligible
Appleton, Chilton, Oshkosh

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

Technical Studies (40 Credits)		Credits
10-623-103	IE/ME Production Engineering	3
10-623-106	Interpretation of Engineering Drawings	2
10-623-148	Manufacturing Processes	3
10-623-194	Introduction to Six Sigma	3
10-182-124	Supply Chain Management, Introduction	2
10-623-104	IE/ME Engineering Economics	3
10-623-195	Lean Tools	2
10-449-102	Regulatory Compliance	3
10-623-112	IE/ME-Facility Planning & Material Handling	3
10-623-113	Lean Implementation	4
10-623-196	Statistics for Six Sigma	3
10-623-107	IE/ME-Work Measurement	3
10-623-132	Project Management	3
10-623-197	Advanced Statistical Tools for Six Sigma	3
General Studies (21 Credits)		
10-804-197	College Algebra and Trigonometry w/ Applications	5
10-801-195	Written Communication	3
10-806-134	General Chemistry	4
10-801-196	Oral/Interpersonal Comm	3
10-809-197	Contemporary Amer Society	3
10-809-199	Psychology of Human Relations	3
Suggested Electives (3 Credits)		
10-623-185	Independent Project Application	1
10-449-120	Safety & Environmental Health	2

METAL MACHINING, FABRICATION & WELDING

Machine Tool Technician 32-420-1

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

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

Occupational Specific (52 Credits)		Credits
32-420-331	Measurement & Benchwork 1	3
32-420-332	Measurement & Benchwork 2	3
32-420-333	Engine Lathe 1	3
32-420-334	Engine Lathe 2	3
32-420-350	Blueprint Reading, Basic-MTO	1
32-420-335	Manual Milling Machines 1	3
32-420-336	Manual Milling Machines 2	3
32-420-337	Manual Machine Tools, Adv. 1	3
32-420-338	Manual Machine Tools, Adv. 2	3
32-420-353	Blueprint Reading, Adv-MTO	1
32-442-301	Basic Welding for Machine Tool Operation	1
32-420-314	Manufacturing Techniques, Cold	1
32-420-339	Grinding Processes 1	3
32-420-340	Grinding Processes 2	3
32-420-341	CNC M/G Code 1	3
32-420-342	CNC M/G Code 2	3
32-420-343	CNC, Advanced 1	3
32-420-344	CNC, Advanced 2	3
32-420-345	CAM Programming & Toolmaking 1	3
32-420-346	CAM Programming & Toolmaking 2	3
Occupational Supportive (9 Credits)		
31-804-307	Math for the Trades	2
31-809-300	Human Relations	2
32-420-351	Metallurgy, MTO	1
31-801-318	Communication, Applied	2
32-420-352	CAD/CAM-Machine Tool	2

"With state-of-the-art equipment in all the labs, we continuously work with employers to ensure success and customize to meet their needs."

Steve Straub
Dean, Manufacturing Technologies

Welding Technology, Industrial

10-621-1

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

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

Technical Studies (48 Credits)

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

General Studies (21 Credits)

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

Welding, Production

30-442-1

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

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

Occupational Specific (13 Credits)

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

*View Gainful Employment at www.fvtc.edu/GainfulEmployment

Welding/Metal Fab Technician

32-621-1

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

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

Occupational Specific (48 Credits)**Credits**

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

Occupational Supportive (6 Credits)

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

Welding/Metal Fabrication

31-457-1

Technical Diploma* • 29 Credits • Financial Aid Eligible
Appleton, Oshkosh

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

Occupational Specific (26 Credits)**Credits**

10-621-105	Welding/Metal Fab Intro & Safety	1
10-621-108	Weld Print Reading	1
10-621-114	Weld Symbols	1
10-621-123	GMAW Techniques 1	2

10-621-124	GMAW Techniques 2	2
10-621-125	FCAW Techniques	2
10-621-126	GTAW Techniques	2
10-621-127	Robotic Arc Welding, Basic	2
10-457-131	Manufacturing Enterprises for Fabrication	3
10-457-160	Manufacturing Processes	2
10-457-161	Cutting Processes	2
10-621-121	SMAW Techniques 1	2
10-621-128	Pipe Welding Techniques	2
10-621-129	2D/3D CAD Modeling for Welders	2

Occupational Supportive (3 Credits)

10-804-107	College Mathematics	3
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WOOD MANUFACTURING**Wood Manufacturing Technology**

31-409-3

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

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

Occupational Specific (36 Credits)**Credits**

31-409-325	Traditional Cabinetry	3
31-409-317	Layout and Sawing Operations	2
31-409-319	Milling Operations	2
31-409-321	Shaping and Molding	3
31-409-301	Drafting for the Woodworking Industry	2
31-409-302	Material Properties and Applications	2
31-409-303	Sanding and Panel Processing	2
31-409-324	Frameless Cabinetry	3
31-409-326	Veneering, Finishing & Joinery Methods	3
31-409-330	Blueprint Reading for Woodworking Industry	2
31-409-331	CNC Router Operation	3
31-409-332	Traditional Cabinetry	2
31-409-327	Furniture Exploration 1	3
31-409-328	Furniture Exploration 2	3
31-409-352	Tool Design and Maintenance	1

Occupational Supportive (4 Credits)

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

*View Gainful Employment at www.fvtc.edu/GainfulEmployment

Marketing, Sales & Service

INTERIOR DESIGN

Interior Design

10-304-1

Associate Degree • 68 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (44 Credits)

	Credits
10-304-110 Fundamentals of Design	3
10-304-125 Basic Interior Design	3
10-304-127 Color Theory	3
10-304-150 Computer Basics for Design	1
10-304-167 Drafting Skills for Interiors	3
10-104-166 Intro to Sales	3
10-304-128 Commercial CAD	2
10-304-129 Textiles	3
10-304-144 History of Furniture	3
10-304-166 Presentation Techniques	3
10-304-173 Interior Display	2
10-304-134 Advanced Interior Design	2
10-304-135 Business Principles for Interior Design	1
10-304-154 Construction Applications — Mechanical & Lighting	3
10-304-174 Introduction to Commercial Design	3
10-304-143 Design Applications	3
10-304-171 Internship 1 Interior Design	3

General Studies (21 Credits)

10-801-195 Written Communication	3
10-801-196 Oral/Interpersonal Comm	3
10-804-123 Math w Business Apps	3
10-809-197 Contemporary Amer Society	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
10-304-164 Sketching for Interior Design	1
10-304-161 Advanced CAD	2

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

Associate Degree • 68 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (44 Credits)

	Credits
10-104-166 Intro to Sales	3
10-304-110 Fundamentals of Design	3
10-304-129 Textiles	3
10-304-154 Construction Applications — Mechanical & Lighting	3
10-304-167 Drafting Skills for Interiors	3
10-304-125 Basic Interior Design	3
10-304-127 Color Theory	3
10-304-144 History of Furniture	3
10-304-146 Perspective Drawing	1
10-304-153 Basic Kitchen and Bath	3
10-304-143 Design Applications	3
10-304-155 Business Procedures for Designers	3
10-304-156 Advanced Kitchen & Bath Design	3
10-304-138 Internship 1 Kitchen & Bath	4
10-304-157 Materials & Estimating	3

General Studies (21 Credits)

10-801-195 Written Communication	3
10-801-196 Oral/Interpersonal Comm	3
10-804-123 Math w Business Apps	3
10-809-197 Contemporary Amer Society	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
10-304-164 Sketching for Interior Design	1
10-304-161 Advanced CAD	2

Want to continue your education beyond an associate degree?

See page 17 for more information.

MARKETING

Digital Marketing **NEW**

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

31-104-5

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

Occupational Specific (20 Credits)

	Credits
10-104-100 Digital Marketing	3
10-104-151 Marketing 1, Principles of	3
10-103-109 Technology Tools for Marketing	2
10-104-101 Marketing Analytics	3
10-104-103 Integrated Marketing Communications	3
10-104-108 Social Media Marketing Strategy	3
10-699-105 Writing Content for the Web	3

Occupational Supportive (6 Credits)

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

Marketing

10-104-3

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

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

Technical Studies (41 Credits)

	Credits
10-102-112 Business, Introduction to	3
10-104-151 Marketing 1, Principles of	3
10-104-166 Intro to Sales	3
10-103-109 Technology Tools for Marketing	2
10-104-100 Digital Marketing	3
10-104-101 Marketing Analytics	3
10-104-103 Integrated Marketing Communications	3
10-104-108 Social Media Marketing Strategy	3
10-699-105 Writing Content for the Web	3
10-101-107 Accounting, Principles of	3
10-102-103 Business Law 1	3
10-104-104 Marketing Plan Development	3
10-104-105 Marketing Internship	3
10-104-124 Advanced Sales	3

General Studies (21 Credits)

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

Suggested Electives (3 Credits)

10-104-110 DECA Leadership	1
10-102-157 Business Law 2	3
10-145-104 Entrepreneurship, Introduction to	3
10-103-120 Intro to MS Office Suite	2

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

See page 17 for
more information.

Public Safety

EMERGENCY MEDICAL SERVICES (EMS)

Emergency Medical Technician

30-531-3

Technical Diploma • 5 Credits • Not Financial Aid Eligible
Appleton, Clintonville, Waupaca, Wautoma

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.

Occupational Specific (5 Credits)

Credits

10-531-169	Emergency Medical Technician - Basic	5
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Emergency Medical Technician – Paramedic

31-531-1

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

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

Occupational Specific (38 Credits)

Credits

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

Paramedic Technician

10-531-1

Associate Degree • 68 Credits • Financial Aid Eligible • Appleton

Paramedics are skilled professionals who provide emergency medical care to people who have taken ill or suffered injury. In this program, you will learn how to determine the nature and extent of various illnesses and injuries, and administer prescribed medical treatment at the site of an emergency and during transport. You'll also gain the skills to communicate with other professional medical personnel at emergency care sites. Your training includes patient assessment, advanced airway management, use of nebulizers, administration of cardiac drugs and intravenous therapy. In addition, you'll learn the skills for blood sugar evaluation, cardiac rhythm interpretation and advanced care of trauma. This degree qualifies you to take the National Registry of Emergency Medical Technician- Paramedic examinations for Wisconsin licensure.

Technical Studies (38 Credits)

Credits

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

General Studies (27 Credits)

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

Suggested Electives (3 Credits)

10-106-118	Effective Business Practice	3
10-501-101	Medical Terminology	3
10-501-106	Holistic Health for Health Care Providers	1

*View Gainful Employment at www.fvtc.edu/GainfulEmployment

FIRE PROTECTION

Fire Protection Technician

10-503-2

Associate Degree • 70 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (48 Credits)		Credits
10-503-135	Firefighter Fitness	1
10-503-142	Fire Fighting Principles	4
10-503-153	Hazardous Materials Awareness & Operations Level	1
10-503-154	Hazardous Materials Chemistry	2
10-531-169	Emergency Medical Technician - Basic	5
10-503-191	Principles of Emergency Services	2
10-503-130	Fire Protection Internship	2
10-503-143	Building Construction	3
10-503-192	Principles of Emergency Services Safety & Survival	3
10-503-195	Fire Behavior and Combustion	3
10-503-136	Certified Driver/Operator-Pumper	1
10-503-151	Fire Prevention	4
10-503-194	Fire Protection Hydraulics	3
10-503-101	Technical Rescue	4
10-503-156	Strategies, Tactics, & Incident Management Systems	4
10-503-157	Fire Investigation	3
10-503-193	Fire Protection Systems	3
General Studies (22 Credits)		
10-804-107	College Mathematics	3
10-806-134	General Chemistry	4
10-801-196	Oral/Interpersonal Comm	3
10-809-103	Think Critically & Creatively	3
10-809-196	Intro to Sociology	3
10-801-136	English Composition 1	3
10-809-198	Intro to Psychology	3

LAW ENFORCEMENT

Criminal Justice

10-504-5

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

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

Technical Studies (39 Credits)		Credits
10-504-201	Introduction to Corrections	3
10-504-202	Criminal Justice Ethics	1
10-504-204	Criminal Justice System	3
10-504-205	Writing Reports	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
10-504-206	Employment Strategies	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
General Studies (21 Credits)		
10-801-196	Oral/Interpersonal Comm	3
10-804-107	College Mathematics	3
10-809-103	Think Critically & Creatively	3
10-801-136	English Composition 1	3
10-809-196	Intro to Sociology	3
10-809-198	Intro to Psychology	3
10-809-159	Abnormal Psychology	3
Suggested Electives (3 Credits)		
10-140-145	Spanish 1 Law Enforcement	3
10-531-105	First Aid/CPR for Child Care Providers	1
10-504-132	Principles of Retail Security	3
10-504-178	CCL: Investigating Internet Crime	2
10-504-131	Basic Crime Scene Photography	3

Fox Valley Technical College is an official training partner of the Federal Bureau of Investigation (FBI).

*View Gainful Employment at www.fvtc.edu/GainfulEmployment

Criminal Justice -

Law Enforcement 720 Academy **NEW** 30-504-2 Technical Diploma* • 22 Credits • Not Financial Aid Eligible • Appleton

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

Occupational Specific (22 Credits) Credits

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

Forensic Science 10-504-4

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

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

Technical Studies (36 Credits) Credits

10-504-110	Introduction to Forensic Science	3
10-806-120	Laboratory Methods for Forensic Science	1
10-504-131	Basic Crime Scene Photography	3
10-504-146	Impression Evidence	3
10-504-208	Criminal Procedures	3
10-504-122	Biological & Trace Evidence	3
10-504-159	Crash Scene Investigation	3
10-504-168	Property/Evidence Management	2
10-504-180	Forensic Science Capstone	3
10-504-211	Constitutional Principles	3

Select a total of 9 credits from these options:

10-504-193	Introduction to Digital Video Evidence	3
10-504-194	Forensic Anthropology, Intro to	3

10-504-196	Quality Assurance, Evidence	3
10-504-179	CCI: Basic Data Recovery	2
10-504-178	CCI: Investigating Internet Crime	2
10-504-176	CCI: Computer Crime Investigation	2
10-504-124	Interview & Interrogation	3
10-504-195	Forensic Entomology, Intro to	3
10-504-169	Forensic Science Internship	1

General Studies (29 Credits)

10-801-136	English Composition 1	3
10-804-113	College Technical Math 1A	3
10-806-114	General Biology	4
10-809-103	Think Critically & Creatively	3
10-804-189	Introductory Statistics	3
10-806-143	College Physics 1	3
10-801-197	Technical Reporting	3
10-806-134	General Chemistry	4
10-809-198	Intro to Psychology	3

Security & Asset Protection 10-504-3

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

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

Technical Studies (36 Credits) Credits

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

General Studies (21 Credits)

10-801-136	English Composition 1	3
10-801-196	Oral/Interpersonal Comm	3
10-804-107	College Mathematics	3
10-809-103	Think Critically & Creatively	3
10-809-199	Psychology of Human Relations	3
10-809-159	Abnormal Psychology	3
10-809-196	Intro to Sociology	3

Suggested Electives (3 Credits)

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

Transportation

AUTOMOTIVE

Auto Collision Repair & Refinishing Technician

32-405-1

Technical Diploma* • 57 Credits • Financial Aid Eligible • Appleton

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

Occupational Specific (48 Credits)

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

Occupational Supportive (9 Credits)

31-801-318 Communication, Applied	2
10-107-150 Microcomputer Applications	2
31-804-307 Math for the Trades	2
10-890-103 Employability Strategies	1
31-809-300 Human Relations	2

Automotive Maintenance Technician

31-404-3

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

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

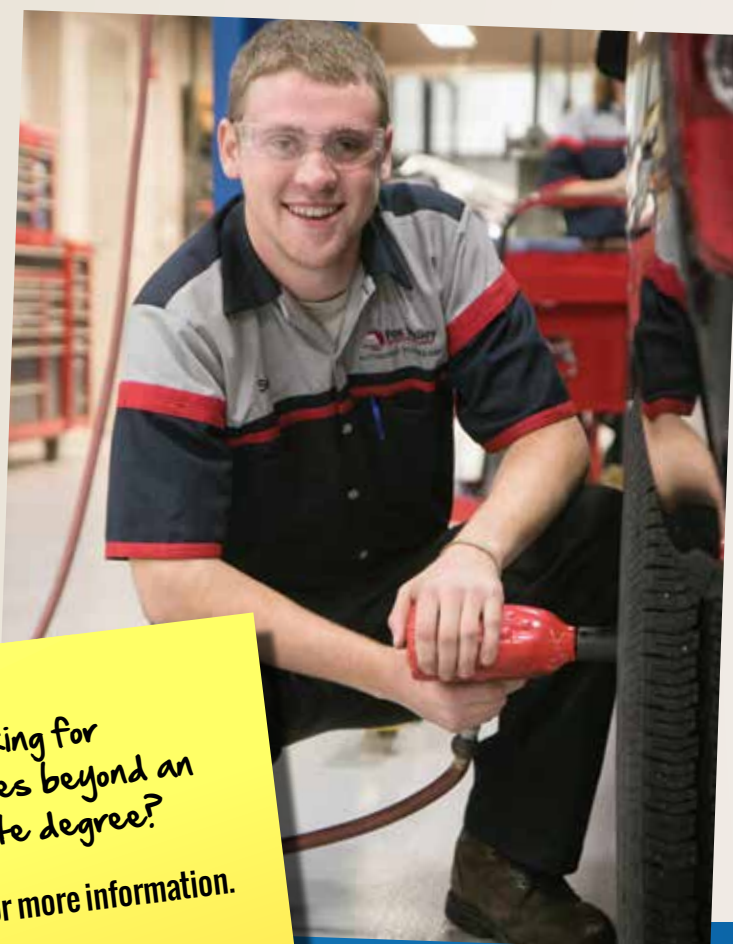
Occupational Specific (22 Credits)

	Credits
10-405-147 Intro, Transportation Welding	1
10-602-104 Brake Systems	3
10-602-107 Automotive Service Fundamentals	2
10-602-124 Steering & Suspension Systems	3
10-602-125 Electrical & Electronic Systems 1	2
10-602-103 Engine Repair 1	2
10-602-123 Engine Repair 2	3
10-602-127 Electrical & Electronic Systems 2	3
10-602-196 Automotive Climate Control Systems	3

Occupational Supportive (4 Credits)

31-809-300 Human Relations	2
31-801-318 Communication, Applied	2

*View Gainful Employment at www.fvtc.edu/GainfulEmployment



Looking for
opportunities beyond an
associate degree?

See page 17 for more information.

Automotive Technician

32-404-2

Technical Diploma* • 55 Credits • Financial Aid Eligible • Appleton

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

Occupational Specific (44 Credits)**Credits**

10-405-147	Intro, Transportation Welding	1
10-602-104	Brake Systems	3
10-602-107	Automotive Service Fundamentals	2
10-602-124	Steering & Suspension Systems	3
10-602-125	Electrical & Electronic Systems 1	2
10-602-103	Engine Repair 1	2
10-602-123	Engine Repair 2	3
10-602-127	Electrical & Electronic Systems 2	3
10-602-196	Automotive Climate Control Systems	3
10-602-128	Electrical & Electronic Systems 3	3
10-602-197	Engine Performance 1	3
10-602-198	Engine Performance 2	4
10-602-109	Automatic Transmission/Transaxle	4
10-602-149	Manual Drive Train and Axles	4
10-602-195	Advanced Chassis Systems	2
10-602-106	Automotive Internship	2

Occupational Supportive (11 Credits)

10-804-107	College Mathematics	3
10-806-175	Science Principles for Transportation	3
10-890-103	Employability Strategies	1
31-801-318	Communication, Applied	2
31-809-300	Human Relations	2

Automotive Technician - Imports

32-602-1

Technical Diploma* • 55 Credits • Financial Aid Eligible • Appleton

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

Occupational Specific (47 Credits)**Credits**

10-602-104	Brake Systems	3
10-602-107	Automotive Service Fundamentals	2
10-602-124	Steering & Suspension Systems	3
10-602-125	Electrical & Electronic Systems 1	2
10-405-147	Intro, Transportation Welding	1
10-602-177	Import Electrical Systems	2
10-602-178	Import Electronic Controls	3
10-602-182	Import Engine Repair	4
10-806-175	Science Principles for Transportation	3
10-602-119	Global Transportation Industries	2
10-602-174	Import Hybrid Electric Operation	3
10-602-185	Import Manual Drivetrain	3
10-602-186	Import Automatic Transmissions	4
10-602-181	Import Heating/Ventilation/Air Conditioning	3
10-602-183	Import Engine Performance 1	3
10-602-188	Import Engine Performance 2	4
10-602-189	Import Advanced Chassis Systems	2

Occupational Supportive (8 Credits)

10-804-107	College Mathematics	3
31-801-318	Communication, Applied	2
10-890-103	Employability Strategies	1
31-809-300	Human Relations	2

"Technical positions now pay as much as, and often more than, many jobs which require a four-year college degree."

Steve Farwell
Quality Truck Care Center

Automotive Technology

10-602-3

Associate Degree • 69 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (45 Credits)**Credits**

10-405-147	Intro, Transportation Welding	1
10-602-104	Brake Systems	3
10-602-107	Automotive Service Fundamentals	2
10-602-124	Steering & Suspension Systems	3
10-602-125	Electrical & Electronic Systems 1	2
10-602-103	Engine Repair 1	2
10-602-123	Engine Repair 2	3
10-602-127	Electrical & Electronic Systems 2	3
10-602-196	Automotive Climate Control Systems	3
10-806-175	Science Principles for Transportation	3
10-602-128	Electrical & Electronic Systems 3	3
10-602-197	Engine Performance 1	3
10-602-198	Engine Performance 2	4
10-602-109	Automatic Transmission/Transaxle	4
10-602-149	Manual Drive Train and Axles	4
10-602-195	Advanced Chassis Systems	2

General Studies (21 Credits)

10-804-107	College Mathematics	3
10-809-166	Intro to Ethics: Theory & App	3
10-801-196	Oral/Interpersonal Comm	3
10-809-195	Economics	3
10-809-197	Contemporary Amer Society	3
10-801-195	Written Communication	3
10-809-199	Psychology of Human Relations	3

Suggested Electives (3 Credits)

10-602-106	Automotive Internship	2
10-602-112	Global Automotive Market	1
10-602-152	Automotive Service Consulting	3
10-602-153	Automotive Service Management	3
10-412-131	Introduction to Light Duty Diesel Engines	2

Automotive Technology - Imports

10-602-4

Associate Degree • 69 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (45 Credits)**Credits**

10-602-104	Brake Systems 3	
10-602-107	Automotive Service Fundamentals	2
10-602-124	Steering & Suspension Systems	3
10-602-125	Electrical & Electronic Systems 1	2
10-405-147	Intro, Transportation Welding	1
10-602-177	Import Electrical Systems	2
10-602-178	Import Electronic Controls	3
10-602-182	Import Engine Repair	4
10-806-175	Science Principles for Transportation	3
10-602-174	Import Hybrid Electric Operation	3
10-602-185	Import Manual Drivetrain	3
10-602-186	Import Automatic Transmissions	4
10-602-181	Import Heating/Ventilation/Air Conditioning	3
10-602-183	Import Engine Performance 1	3
10-602-188	Import Engine Performance 2	4
10-602-189	Import Advanced Chassis Systems	2

General Studies (21 Credits)

10-804-107	College Mathematics	3
10-809-166	Intro to Ethics: Theory & App	3
10-801-196	Oral/Interpersonal Comm	3
10-809-195	Economics	3
10-809-197	Contemporary Amer Society	3
10-801-195	Written Communication	3
10-809-199	Psychology of Human Relations	3

Suggested Electives (3 Credits)

10-145-100	Entrepreneurial Venture-Your Business Plan	3
10-602-106	Automotive Internship	2
10-602-112	Global Automotive Market	1
10-890-103	Employability Strategies	1

Automotive Technology - GM ASEP

10-602-5

Associate Degree • 70 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (45 Credits)**Credits**

10-602-104	Brake Systems	3
10-602-107	Automotive Service Fundamentals	2
10-602-124	Steering & Suspension Systems	3
10-602-125	Electrical & Electronic Systems 1	2
10-806-175	Science Principles for Transportation	3
10-405-147	Intro, Transportation Welding	1
10-602-115	Electrical 1 - ASEP	3
10-602-134	Automotive Engines Measuring - ASEP	3
10-602-141	Dealership Co-op 1 - ASEP	2
10-602-135	Dealership Co-op 2 - ASEP	2
10-602-116	Electrical 2 - ASEP	3
10-602-137	Dealership Co-op 3 - ASEP	2
10-602-164	Automotive HVAC-ASEP	2
10-602-165	Advanced Chassis Systems-ASEP	2
10-602-120	Fuel Systems - ASEP	3
10-602-122	Driveline/Manual Transmission - ASEP	3
10-602-139	Dealership Co-op 4 - ASEP	2
10-602-166	Engine/Powertrain Diagnostics-ASEP	1
10-602-167	Automatic Transmission/Transaxle-ASEP	3

General Studies (21 Credits)

10-804-107	College Mathematics	3
10-801-195	Written Communication	3
10-809-197	Contemporary Amer Society	3
10-801-196	Oral/Interpersonal Comm	3
10-809-195	Economics	3
10-809-166	Intro to Ethics: Theory & App	3
10-809-199	Psychology of Human Relations	3

Suggested Electives (4 Credits)

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

Vehicle Refinishing & Repair Technology

10-405-3

Associate Degree • 70 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (48 Credits)**Credits**

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

General Studies (21 Credits)

10-804-113	College Technical Math 1A	3
10-801-196	Oral/Interpersonal Comm	3
10-809-197	Contemporary Amer Society	3
10-809-166	Intro to Ethics: Theory & App	3
10-809-199	Psychology of Human Relations	3
10-801-195	Written Communication	3
10-809-195	Economics	3

Suggested Electives (1 Credit)

10-890-103	Employability Strategies	1
10-806-175	Science Principles for Transportation	3
10-405-124	Internship-Vehicle Repair	1

DIESEL

Diesel Construction Equipment Service Technician (FABTECH)

32-412-3

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

There is a shortage of skilled diesel engine specialists. This program will provide you with the skills required to perform preventive maintenance, field service and repairs on a variety of compact and heavy Caterpillar® construction equipment. You also will 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.

Occupational Specific (53 Credits)		Credits
10-412-142	FABTECH Preventive Maint & Equipment Repair	5
10-412-143	FABTECH Shop Practices, Introduction to	4
10-412-151	FABTECH Electrical 1	5
10-412-164	FABTECH Hydraulic Systems 1	3
10-412-172	FABTECH Fuel Systems 1	3
10-442-103	FABTECH Applied Welding	2
10-412-141	FABTECH Air Conditioning	2
10-412-148	FABTECH Engine Rebuilding	5
10-412-150	FABTECH Engine Testing & Diagnostics	5
10-412-157	FABTECH Fuel Systems 2	4
10-412-129	Diesel Equipment Internship	1
10-412-145	FABTECH Hydraulic Systems 2	5
10-412-146	FABTECH Construction Drive Train 1	5
10-412-147	FABTECH Construction Drive Train 2	4
Occupational Supportive (2 Credits)		
31-801-318F	FABTECH Applied Communication	2

Diesel Engine Service Technician (FABTECH) 31-412-7

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

There is a shortage of skilled diesel engine specialists. This program will provide you with the skills required to perform engine overhauls, testing, fuel system repairs and diagnostics on Caterpillar® diesel engines. In less than a year, you could be on the job earning a good income at Fabick Cat, your exclusive Cat Dealer for the entire state of Wisconsin, the Upper Peninsula of Michigan and throughout major portions of Missouri and Illinois.

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

Diesel Equipment Mechanic

31-412-1

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

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

Occupational Specific (43 Credits)		Credits
10-412-128	Service Management	4
10-412-101	Introduction to Diesel Technology	4
10-412-112	Diesel Heavy Duty Brake Systems	3
10-412-113	Diesel Steering and Suspension	2
10-412-114	Diesel Preventive Maintenance	3
10-412-118	Drive Train	4
10-412-117	Diesel Hydraulic/Pneumatic Systems	2
10-412-135	Diesel Heating Ventilation & Air Conditioning	3
10-412-136	Diesel Heavy Duty Electrical 1	3
10-412-137	Diesel Heavy Duty Electrical 2	2
10-412-127	Tune-up & Diagnostic Testing	4
10-412-132	Diesel Heavy Duty Fuel Systems	3
10-412-133	Diesel Engine Rebuilding	3
10-412-134	Diesel Electronic Fuel Management Systems	3
Occupational Supportive (5 Credits)		
10-405-147	Intro, Transportation Welding	1
10-801-196	Oral/Interpersonal Comm	3
10-442-104	Welding for Technicians	1

Want to continue your education beyond an associate degree?

See page 17 for more information.

*View Gainful Employment at www.fvtc.edu/GainfulEmployment

Diesel Equipment Technology

10-412-1

Associate Degree • 66 Credits • Financial Aid Eligible • Appleton

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

Technical Studies (45 Credits)

	Credits
10-405-147 Intro, Transportation Welding	1
10-412-128 Service Management	4
10-412-101 Introduction to Diesel Technology	4
10-412-112 Diesel Heavy Duty Brake Systems	3
10-412-113 Diesel Steering and Suspension	2
10-412-114 Diesel Preventive Maintenance	3
10-412-118 Drive Train	4
10-442-104 Welding for Technicians	1
10-412-117 Diesel Hydraulic/Pneumatic Systems	2
10-412-135 Diesel Heating Ventilation & Air Conditioning	3
10-412-136 Diesel Heavy Duty Electrical 1	3
10-412-137 Diesel Heavy Duty Electrical 2	2
10-412-127 Tune-up & Diagnostic Testing	4
10-412-132 Diesel Heavy Duty Fuel Systems	3
10-412-133 Diesel Engine Rebuilding	3
10-412-134 Diesel Electronic Fuel Management Systems	3

General Studies (21 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
10-809-197 Contemporary Amer Society	3
10-809-199 Psychology of Human Relations	3

Diesel Power Generation & Marine Service Tech (FABTECH)

32-412-2

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

There is a shortage of skilled diesel engine specialists. This program will provide you with the skills required to perform generator maintenance, engine overhauls, repairs, tune-ups, testing, fuel system repairs and diagnostics. In addition, you will learn how to do field service on Caterpillar® equipment. You will 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.

Occupational Specific (50 Credits)

	Credits
10-412-142 FABTECH Preventive Maint & Equipment Repair	5
10-412-143 FABTECH Shop Practices, Introduction to	4
10-412-151 FABTECH Electrical 1	5
10-412-164 FABTECH Hydraulic Systems 1	3
10-412-172 FABTECH Fuel Systems 1	3
10-442-103 FABTECH Applied Welding	2
10-412-141 FABTECH Air Conditioning	2
10-412-148 FABTECH Engine Rebuilding	5
10-412-150 FABTECH Engine Testing & Diagnostics	5
10-412-157 FABTECH Fuel Systems 2	4
10-412-129 Diesel Equipment Internship	1
10-412-154 FABTECH Electrical Power Generation 1	5
10-412-155 FABTECH Electrical Power Generation 2	4
10-609-170 Ladder Logic and Control Devices	1
10-660-114 AC Circuits 1	1

Occupational Supportive (5 Credits)

10-804-113 College Technical Math 1A	3
31-801-318F FABTECH Applied Communication	2

TRUCK DRIVING**Truck Driving**

30-458-1

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

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

Occupational Specific (12 Credits)

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

General, Global & Individualized Studies

INDIVIDUALIZED TECHNICAL STUDIES

Individualized Technical Studies

10-825-1

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

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



"Flexibility was key to my college decision as well as cost and delivery method. FVTC has so many courses offered both online and via traditional delivery – it was a natural fit."

Shannon Schultz
FVTC Student
Network Systems Administration

Contact Us

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Career Exploration	www.fvtc.edu/Explore	920-735-5696
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Student Financial Services	www.fvtc.edu/Pay	920-735-4871
Student Life	www.fvtc.edu/StudentLife	920-735-2545
Transfer Credits From FVTC	www.fvtc.edu/4YearCreditTransfer	920-225-5991
Tuition Information	www.fvtc.edu/PayingForCollege	920-735-5645
Veterans Services	www.fvtc.edu/Veterans	920-735-5651

For more ways to contact us: www.fvtc.edu/Connect

Fox Valley Technical College does not discriminate on the basis of race, color, national origin, sex, disability, or age in employment, admissions or its programs or activities. The following person has been designated to handle inquiries regarding the College's nondiscrimination policies: Patti Jorgensen, FVTC Appleton Campus, Office A104C, 920-735-5649.

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

Campuses

Appleton

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

Oshkosh

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

Regional Centers

Chilton

1200 E. Chestnut Street (Hwy 32/57 S)
P.O. Box 186
Chilton, WI 53014-0186
920-849-4416 or 1-800-843-4131

Clintonville

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

Waupaca

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

Wautoma

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

Training Centers

Advanced Manufacturing Technology Center

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

D. J. Bordini Center

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

FABTECH Education Center

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

Public Safety Training Center

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

Sustainable Technology Center

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

S. J. Spanbauer Aviation & Industrial Center

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

Visit us anytime at www.fvtc.edu
1-800-735-FVTC (3882)

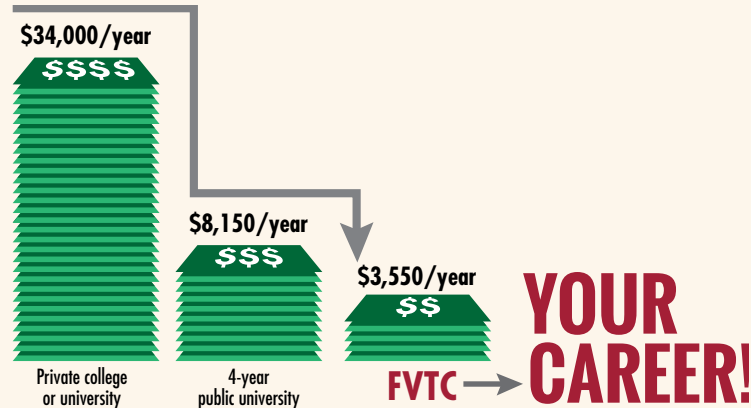


Get a Degree or Diploma from FVTC

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.

94%

Graduate Employment Rate

SALARY

\$36,200
AVERAGE STARTING SALARY
Of A 2015 Graduate



\$46,200
AVERAGE CURRENT SALARY
Of A 2010 Graduate

AND FVTC CAN HELP WITH:



- Financial Aid Applications
- Work-Study Jobs & Internships
- Veteran Education Benefits
- FVTC Foundation Scholarships
(Over 1,000 scholarships each year with a total value of \$725,000)

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

For more information:

fvtc.edu/PayingForCollege



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TECHNICAL COLLEGE®
Knowledge That Works

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admission today:
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Accredited & Affordable

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

- The most efficient and affordable option for higher education in the Fox Valley.
- FVTC instructors have real-world work experience.
- High graduate employment rate of 94%.
- Accredited by The Higher Learning Commission since 1974.
- We've been in your community for 100 years. Our reputation is solid and we're focused on the future!



132/25,000/6-2016