

# Earn a College Degree Admissions Guide & Catalog 2025-2026



MM-EASM Your Future

www.fvtc.edu













### Table of Contents

table of confents	
Graduate Success	2-3
Affordable Education	4-5
Paying for College	6-7
Credit for Prior Learning	8-9
Student Resources	10-11
World Class Technology	12-13
Student Life	14-15
Transfer Options	16-17
Programs at a Glance	18-19
Associate Degree & Technical Diploma Programs	22-87
Contact Us	88-89

What if there was a college created just for you. A place where you always feel understood and unbound by expectation. Where creating your own learning path is uncomplicated and unconventional classrooms deliver

What if it is happening right now at Fox Valley Technical College? Where independent thinkers learn from Wisconsin industry and business leaders every day to unlock better ways to help every person achieve their goals, giving you the tools to unravel real-world challenges and uncover innovations that will launch you forward.

Unleash your future today and apply to Fox Valley Technical College.

Apply today: www.fvtc.edu/Apply

# Amalana Success

For more information:
www.fvtc.edu/GraduateEmployment

\$52,443
Average Starting
Salary After 6 Months

76 Programs
with 100%
Graduate Employment

# **Employer Satisfaction –**

96% Would Hire a Grad Again



93%
Are Employed

96% Are Employed in WI 97%
Are Happy with
Their Education

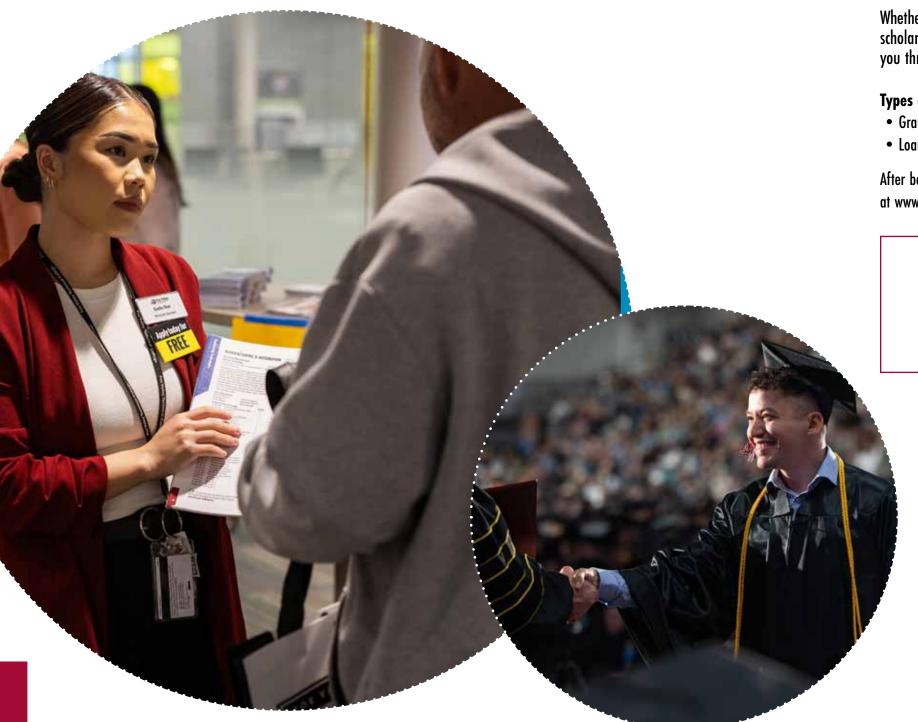








# Carrave/ Paying for College



Whether it's financial aid and filling out the FAFSA or applying for scholarships, Fox Valley Technical College's team of experts can guide you through the options.

### Types of Financial Aid

- Grants (Money that you don't need to pay back.)
- Loans

After being admitted to Fox Valley Tech, you can apply for the FAFSA at www.fafsa.gov. You'll need the FVTC Title IV School Code of 009744.

> More information on paying for college: www.fvtc.edu/PayingForCollege www.fafsa.gov

More information on scholarships: www.fvtc.edu/Scholarships

### **Other Ways to Fund College**

50+ **Work Study & Student Jobs** 

1000+ **Scholarships** 

# Credit for Prior Learning

We make it easy to transfer credits to Fox Valley Technical College. Many students have college credits they've already earned, either while in high school or at other colleges and universities. It's also possible to receive credit for career-related knowledge and skills you've already mastered.

← For more information:

www.fvtc.edu/TransferCredit



# **Veterans Services**

**Diversity & Inclusion Services** 

**Student Organizations & Clubs** 

**Disability Services** 

# Student Housing

Campus Safety

**Counseling Services** 

# **Study Abroad**

**Dining on Campus** 

**Bus Service** 

**Languages & Cultures** 

Bookstore Fitness Center

Campus Care Clinic

Child Care Free Parking

Career Services Enrollment Services

Student Life Educational Support Services

# anselievas/e **Student Resources**

Fox Valley Technical College has the resources to help you succeed in reaching your goals.

For more information: www.fvtc.edu/CollegeOverview



In addition to our wide-ranging services, Fox Valley Tech has flexible learning options that allow you to take classes when, where and how you want:

- On Campus (In-Person)
- Hybrid of Online & In-Person
- Virtual (Live Online)

10 11

# annaschen Technology

In today's fast-paced world, evolving technology connects us like never before, making our world smaller yet more complex. At Fox Valley Technical College, we're committed to empowering you in this dynamic environment. As industries and technologies shift, our employer partnerships are increasingly vital for students.

In every corner of our campus, you'll find learning labs filled with everything from robotics to human patient simulators. These hands-on experiences are shaping you for the real world, ensuring you're ready to tackle whatever challenges come your way.





# Experiences in Student life

For more information: www.fvtc.edu/StudentLife

Get involved in Student Life activities at Fox Valley Technical College.

Many fun opportunities will fit even the busiest of schedules.

- 35 Student Clubs and Organizations
- Events
- Speakers Series
- Trips















Transferring your Fox Valley Technical College credits to a four-year college has never been easier! Earn your associate degree at Fox Valley Tech then apply your credits toward a bachelor's degree. Starting your journey at FVTC makes getting a bachelor's degree affordable, accessible and convenient.

For more information: www.fvtc.edu/4YearCreditTransfer

25+ **Colleges** with **Transfer Agreements** 

**University Transfer Degrees** 

200+ **Degrees with Credits That Could Transfer** to Other Colleges

University Transfer Degrees — Associate of Arts & Associate of Science
Get started on your college education with a University Transfer degree. Begin with your first two years at
Fox Valley Tech, then transfer as a junior to one of our four-year university partners. Same classes, same
credits, all at a fraction of the cost.



### **Associate Degree & Technical Diploma Programs**

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

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

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

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

\*Also offered in accelerated format ▲ Shared with another technical college For certificate programs, see pages 20-21.

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

### AGRICULTURE

Agribusiness Management Technician (TD) Agribusiness/Science Technology (AAS) Agricultural Equipment Technology (AAS)

Agriculture Equipment Service Technician (TD)

Agronomy (AAS)

Agronomy Technician (TD)

Animal Science (AAS) Dairy Automation (TD)

Dairy Science (TD)

Farm Business & Production Management (TD)

Farm Operation (TD)

Precision Agriculture Technician (TD)

Precision Agriculture Technology (AAS) NEW

Veterinary Technician (AAS)

### HORTICULTURE

Greenhouse Operations (AAS) Horticulture Technician (TD)

Horticulture/Landscape Specialist (TD)

Landscape Horticulture (AAS)

### NATURAL RESOURCES

Natural Resources Technician (AAS)

Wildland Fire Crew (TD)

Wildland Firefighter (AAS)

### **OUTDOOR POWER**

Outdoor Power Equipment Technician (TD)

### **Aviation** (Pages 31-33)

Aeronautics-Pilot Training (AAS) Aircraft Electronics (AAS)

Airframe & Powerplant Mechanics (TD) Aviation Management (AAS) NEW

### **Business, Management & Finance** (Pages 34-40)

### **ACCOUNTING & FINANCE**

Accounting (AAS)

Accounting Assistant (TD) Bookkeeping (TD)

Finance (AAS)

### **BUSINESS & MANAGEMENT**

**Business Analyst (AAS) Business Management (AAS)** 

**Business Operations (TD)** 

Digital Court Reporter (TD)

Human Resources (AAS)\*

Legal Studies/Paralegal (AAS)

Management Development (AAS)

Project Specialist (TD)

Small Business Entrepreneurship (AAS) Supply Chain Management (AAS)

COMMUNICATIONS

Communications, Professional (AAS)

### **OFFICE MANAGEMENT**

Office Coordinator (TD) NEW Office Management (AAS) NEW

### **Construction (Pages 41-42)**

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

### **Culinary & Hospitality**

### (Pages 43-45)

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

### **Education & Human Services**

(Pages 46-50)

### **COUNSELING & MENTAL HEALTH SERVICES**

Human Services (AAS) Human Services Assistant (TD)

Substance Use Disorder Counseling (AAS)

### **EARLY CHILDHOOD & K12 EDUCATION**

Assistant Teacher (TD)

Career and Technical Education

Instruction (AAS)

Early Childhood Education (AAS)

Early Childhood Teacher (TD)

Family & Consumer Sciences Education Instruction (AAS)

Foundations of Teacher Education (AAS)

### **Education & Human Services (cont.)**

### **SERVICE CAREERS**

Aesthetician - Basic (TD) Cosmetology (TD)

Funeral Services (AAS)

Master Aesthetician (AAS)

Therapeutic Massage (TD)

### **Engineering Technologies** (Pages 51-55)

### **ELECTRICAL & ELECTRONICS**

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

### **MANUFACTURING & AUTOMATION**

**Automated Manufacturing Systems** 

Technology (AAS)

Electro-Mechanical Technology (AAS)

Manufacturing Engineering Technology (AAS) Quality Engineering Technology (AAS)

Quality Technician (TD)

### **MECHANICAL DESIGN**

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

### SAFETY, ENERGY & ENVIRONMENTAL

Safety Engineering Technology (AAS)

### General Studies, Languages & **Cultures** (Page 56-57)

### **GENERAL STUDIES**

Individualized Technical Studies (AAS) University Transfer Associate of Arts (AA) University Transfer Associate of Science (AS)

### **Health Science** (Pages 58-64)

Dental Assistant (TD)

Dental Hygienist (AAS)

Health Information Technology (AAS)

Medical Assistant (TD)

Medical Coding Specialist (TD)

Medical Laboratory Technician (AAS) Neurodiagnostic Technologist (AAS)

Nursing - RN Associate Degree (AAS)

Nursing Assistant (TD)\*

Nursing Pathway, LPN to ADN (AAS)

Nursing, Paramedic to ADN Pathway (AAS)

Nursing, Practical (TD)

Occupational Therapy Assistant (AAS)

Surgical Technology (AAS)

### **Information Technology** (Pages 65-69)

### **NETWORK/COMPUTER SUPPORT**

Computer Support Specialist (AAS)

Cybersecurity Specialist (AAS)

Help Desk Support Specialist (TD) Network Specialist (AAS)

**Network Systems Administration (AAS)** 

### SOFTWARE DEVELOPMENT/WEB Data & Analytics Specialist (AAS)

Software Developer (AAS) Web Design (TD)

Web Development & Design Specialist (AAS)

### **Manufacturing (Pages 70-74)**

### **INDUSTRIAL MAINTENANCE**

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

### **MANUFACTURING OPERATIONS**

Industrial Engineering Technology (AAS)

Process Technician (TD) **METAL MACHINING, FABRICATION &** 

WELDING Machine Tool Technician -

Precision Machinist (TD)

Welding Technology, Industrial (AAS) Welding, Production (TD)

Welding/Metal Fab Technician (TD)

### Welding/Metal Fabrication (TD) WOOD MANUFACTURING

Wood Manufacturing Technology (TD)

### Marketing, Sales & Service (Pages 75-76)

### INTERIOR DESIGN

Interior Design (AAS)

Interior Design - Kitchen & Bath Design (AAS)

### Kitchen & Bath Design Assistant (TD) MARKETING

Digital Marketing (TD) Marketina (AAS)

**SALES & SERVICE** 

Sales Specialist (TD)

### **Public Safety** (Pages 77-80)

### **EMERGENCY MEDICAL SERVICES (EMS)**

Emergency Medical Technician (TD) Emergency Medical Technician -

Paramedic (TD)

### **FIRE PROTECTION**

Fire Protection Technician (AAS)

### LAW ENFORCEMENT

Asset Protection (AAS)

Criminal Justice (AAS)

**Criminal Justice-Law Enforcement** 720 Academy (TD) Forensic Science (AAS)

### **Transportation (Pages 81-86)**

### **AUTOMOTIVE**

Auto Collision Repair & Refinishina Technician (TD)

**Auto Collision Repair and Refinish** Technology (AAS)

Automotive & Light Duty Truck Technician (TD)

Automotive Maintenance & Light

Repair Technician (TD) Automotive Technician - Imports (TD)

Automotive Technology (AAS) Automotive Technology - Imports (AAS)

Automotive Technology GM ASEP (AAS)

### **GM Express Service Technician (TD)**

DIESEL Diesel Construction Equipment Service Technician (FABTECH) (TD)

Diesel Engine Service Technician (FABTECH) (TD)

Diesel Equipment Mechanic (TD)

Diesel Equipment Technician

with CDL (TD) Diesel Equipment Technology (AAS)

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

### TRUCK DRIVING Truck Driving (TD)

For more information on FVTC's

www.fvtc.edu/Programs or 1-800-735-FVTC (3882)

programs of study:

Find the most current information on all FVTC programs: www.fvtc.edu/Programs

### **Certificate Programs**

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

### Agriculture, Horticulture & Natural Resources

### **AGRICULTURE**

Agricultural Accounting (C)

Agricultural Entrepreneurship (C)

### HORTICULTURE

Greenhouse Grower/Plant Propagation Technician (C)

Horticulture/Landscape Entrepreneur (C)

Landscape Construction Technician (C)

Landscape Maintenance Technician (C)

### **NATURAL RESOURCES**

Conservation Agronomist (C)

Forest Management Specialist (C)

Habitat and Land Use Management Specialist (C)

### **OUTDOOR POWER**

Outdoor Power Entrepreneur (C)

### **Business, Management & Finance**

### **ACCOUNTING & FINANCE**

Banking (C) **NEW** 

Financial Fraud Detection, Fundamentals of (C)

### **BUSINESS & MANAGEMENT**

Business Essentials (C)

Business Fundamentals (C)

Entrepreneurship and Small Business Management (C)

Event Planning (C)

Organizational Leadership, Advanced (C)

Organizational Leadership, Basic (C)

Small Business Success 1 (C)

Small Business Success 2 (C)

Supply Chain Operations Specialist (C)

### COMMUNICATIONS

Digital Media (C)

Public Relations (C)

Workplace Communication (C)

Writing for the Web (C)

Writing, Grant/Proposal (C)

### **OFFICE MANAGEMENT**

Microsoft Office Suite (C)

### Construction

Construction Project Coordinator (C)

Construction Project Supervision (C)

Construction, Small Business Management (C)

Plumbing Principles (C)

### **Culinary & Hospitality**

Culinary Arts - Advanced (C)

Hospitality Entrepreneurship (C)

Meat Processing Specialist (C)

### **Education & Human Services**

### **COUNSELING & MENTAL HEALTH SERVICES**

Substance Abuse Counselor Education 360 Hr Comprehensive Program (C)

Substance Abuse Counselor in Training (C)

### **EARLY CHILDHOOD EDUCATION**

Child Care Administrator (C)

Family Child Care (C)

Infant and Toddler (C)

Intro to Education (C) NEW

Teacher Aide (C)

Understanding Autism Spectrum Disorder (C)

### SERVICE CAREERS

Nail Technician (C)

### **Engineering Technologies**

### **ELECTRICAL & ELECTRONICS**

**Electronics Fundamentals (C)** 

### **MANUFACTURING & AUTOMATION**

Automation & Maintenance, Advanced (C)

Computer Applications in Automation (C)

Computer Programming in Automation (C)

Instrumentation & Process Control (C)

Intro to PLC Control (C)

PLC Integration (C)

### **SAFETY, ENERGY & ENVIRONMENTAL**

Construction Safety (C)

Environmental Compliance Specialist (C)

Environmental Health & Safety (C)

Essentials of Occupational Safety (C)

Manufacturing Safety (C)

### Health Science

Nursing, Licensed Practical Nurse Refresher (C)
Nursing, Registered Nurse Refresher (C)

Phlebotomy (C)

### Manufacturing

### **INDUSTRIAL MAINTENANCE**

Controls Maintenance (C)

Electrical Maintenance (C)

Industrial Maintenance Foundations (C)

Mechanical Maintenance (C)

### **MANUFACTURING OPERATIONS**

Industrial Engineering (C)

Lean/Six Sigma Green Belt (C)

Production Inspection & Metrology (C)

Quality, Manufacturing (C)

### **METAL MACHINING, FABRICATION & WELDING**

GMAW Welder, Basic (C)

Welding Fundamentals (C)

### **WOOD MANUFACTURING**

Woodworking Technician 1 (C)

Woodworking Technician 2 (C)

### Marketing, Sales & Service

### INTERIOR DESIGN

Interior Design Entrepreneurship (C)

### **Public Safety**

### LAW ENFORCEMENT

Evidence Technician (C)

Private Investigation Specialist (C)

### **Transportation**

### AUTOMOTIVE

Automotive Service Management (C)

DIESEL

Diesel Technology Assistant (C)

### TRUCK DRIVING

CDL Straight Truck (C)

For more information on certificate programs:

www.fvtc.edu/Certificates

### General Studies, Languages & Cultures

### **LANGUAGES & CULTURES**

Advanced English Language Proficiency (C)

English Language Competency Foundations (C)
Intercultural Foundations (C)

intercultural round

Spanish (C)

Teaching English as a Second or Foreign Language (C)

### **Apprenticeship Programs**

Apprenticeships (A) are an earn-while-you-learn program of on-thejob 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.

For more information on

apprenticeship programs:

www.fvtc.edu/Apprenticeships

### Agriculture

Agriculture Equipment Apprentice (A) NEW

### Construction

Electrician Apprentice (ABC) (A)

Operating Engineer Apprentice (A)

Plumbing Apprentice (A)

Steamfitting Apprentice (A)

Steamfitting Service Apprentice (A)

### Culinary & Hospitality

Culinary Apprenticeship (A)

### **Education & Human Services**

EARLY CHILDHOOD & K12 EDUCATION
Early Childhood Educator Apprentice (A) NEW

### SERVICE CAREERS

Barbering Apprenticeship (A)
Cosmetology Apprentice (A)

### Manufacturing

### **INDUSTRIAL MAINTENANCE**

Electrical & Instrumentation Apprentice (A)

Industrial Electrician Apprentice (A)

Industrial Manufacturing Technician Apprentice (A)

Maintenance Mechanic/Millwright Apprentice (A)

Maintenance Technician Apprentice (A)
Pipe Fabricator Apprentice (A)

Pipefitting Apprentice (A)

### **MANUFACTURING OPERATIONS**

Industrial Metrology Technician (A)

### **METAL MACHINING, FABRICATION & WELDING**

Machinist Apprentice (A)

Tool & Die Apprentice (A)

# **Associate Degree & Technical Diploma Programs**

### Agriculture, Horticulture & **Natural Resources**

### **AGRICULTURE**

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

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

### **Career Opportunities**

Agriculture Sales & Marketing Rep.	Agribusiness Customer Service
Agribusiness Dept. Manager	Agribusiness Finance Service Tech.

rigina osinoss b	opi. managoi ngibosi	Agribosinoss i manco sorvico	
Occupational	Specific (27 Credits)	Credits	
10-006-103	Agricultural Marketing	3	
10-006-104	Ag Production Systems	3	
10-006-115	Agriculture Internship	2	
10-006-117	Agriculture Career Preparation	1	
10-006-119	Agricultural Crop Production	3	
10-006-133	Introduction to Agribusiness	3	
10-006-134	Agribusiness Sales	3	
10-006-140	Animal Science Fundamentals	3	
10-006-151	Agribusiness Management	3	
10-809-195	Economics	3	
Occupational	Supportive (3 Credits)		
10-804-123		3	

### **Agribusiness/Science Technology** 10-006-2 Associate Degree • 60 Credits • Financial Aid Eligible • Appleton Full Time and Part Time

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

### Career Opportunities

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

Technical Stu	Credits	
10-006-103	Agricultural Marketing	3
10-006-104	Ag Production Systems	3
10-006-113	Dairy/Livestock Nutrition	3

		_	
10-006-115	Agriculture Internship	2	
10-006-117	Agriculture Career Preparation	1	
10-006-119	Agricultural Crop Production	3	
10-006-133	Introduction to Agribusiness	3	
10-006-134	Agribusiness Sales	3	
10-006-140	Animal Science Fundamentals	3	
10-006-151	Agribusiness Management	3 3 3 3 3	
10-006-155	Nutrient Management Principles	3	
	3 credits from these options:		
10-006-149	Dairy/Livestock Records Management	3	
10-006-114	Dairy/Livestock Ration Balance	3	
	3 credits from these options:	_	
10-006-141	Crop Science	3	
10-006-102	Integrated Pest Mgmt & Weed Identification	3	
Select a total of	3 credits from these options:		
10-006-154		3	
10-006-143	Introduction to Soils	3	
Select a total of	3 credits from these options:		
10-006-148	Dairy Genetics and Reproduction	3	
10-006-145	Dairy/Livestock Herd Management	3	
General Studie			
10-801-195	Written Communication	3	
10-801-196	Oral/Interpersonal Comm	3 3 3 3	
10-804-123	Math w Business Apps	3	
10-809-195	Economics	3	
10-809-199	Psychology of Human Relations	3	
Electives (3 Credits)			
See an Academic			

Agricultural Equipment Technology Associate Degree • 65 Credits • Financial Aid Eligible • Appleton • Full Time

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

### **Career Opportunities**

Agriculture Dealership Service Writer Agriculture Field Technician Agriculture Service Technician Custom Harvestina Operator/Technician Parts & Service Department Manager Precision Farming Specialist Agriculture Power & Equipment Sales Representative

-		
Technical Studi	ies (47 Credits)	Credits
10-070-101	Basic Agriculture Hydraulic Systems	3
10-070-102	Ag Equipment Dealership Principles	3
10-070-103	Intro to Service Maintenance & Principles	3
10-070-104	Safety Principles/Shop Tools	2
10-070-106	Basic Harvesting	3
10-070-114	Basic Agriculture Transmissions	2
10-070-115	Agriculture Air Conditioning	1
10-070-116	Agriculture Hydraulic Systems Advanced	4
10-070-117	Basic Diesel Éngines	2
10-070-119	Basic Diesel Engines Fuel Systems	2
10-070-120	Ag Planting Equipment	3
10-070-122	Advanced Harvesting	4
10-070-124	Advanced Fuel Systems and Emissions	2

10-070-131	Ag DC Electrical Systems	3
10-070-136	AG DC Electronic Systems	3
10-070-137	Precision Equipment Systems	3
10-070-138	Advanced Agriculture Transmission	3
10-070-139	Agriculture Student Development	1
General Studi	ies (15 Credits)	
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-123	Math w Business Apps	3
10-809-172	Introduction to Diversity Studies	3
10-809-199	Psychology of Human Relations	3
Flectives (3.0	, ,,	

### Electives (3 Credits)

See an Academic Advisor.

### Agriculture Equipment Service Technician Technical Diploma • 31 Credits • Financial Aid Eligible • Appleton

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

### **Career Opportunities**

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

Occupational	Specific (28 Credits)	Credi
10-070-101	Basic Agriculture Hydraulic Systems	3
10-070-103	Intro to Service Maintenance & Principles	3
10-070-104	Safety Principles/Shop Tools	2
10-070-106	Basic Harvesting	3
10-070-114	Basic Agriculture Transmissions	2
10-070-115	Agriculture Air Conditioning	1
10-070-117	Basic Diesel Engines	2
10-070-119	Basic Diesel Engines Fuel Systems	2
10-070-120	Ag Planting Equipment	3
10-070-131	Ag DC Electrical Systems	3
10-070-137	Precision Equipment Systems	3
10-070-139	Agriculture Student Development	1
	Supportive (3 Credits)	
10-801-195	Written Communication	3

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

### **Agronomy** 10-093-9

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

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

### **Career Opportunities**

10-801-195

10-801-196

10-804-123

10-809-195

10-809-199

	caroor oppor			
	Crop Applicators		ricultural Sales	
	Fertilizer and Se	ed Technicians Pre	cision Agriculture 1	Technicians
	Technical Studi	es (45 Credits)		Credits
	10-006-102	Integrated Pest Mgmt & V	Weed Identification	3
	10-006-103	Agricultural Marketing		3
	10-006-109	Crop Scouting Training		3
	10-006-116	Agribusiness Work Experi	ence	3
	10-006-119	Agricultural Crop Product	ion	3
	10-006-133	Introduction to Agribusing	ess	3
	10-006-134	Agribusiness Sales		3
g,	10-006-140	Animal Science Fundame	ntals	3
5	10-006-141	Crop Science		3
	10-006-143	Introduction to Soils		3
	10-006-146	Commercial Vegetable Pr	oduction	3
	10-006-150	Agronomy Equipment		3
	10-006-154	Precision Ag Overview		3
	10-006-155	Nutrient Management Pri	inciples	3
n	10-006-163	GIS Applications	•	3
	General Studie			

Written Communication

Math w Business Apps

Economics

Oral/Interpersonal Comm

Psychology of Human Relations



### **Agronomy Technician**

Technical Diploma • 30 Credits • Financial Aid Eligible • Appleton, Online Part Time and Full Time

31-093-3

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

### **Career Opportunities**

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

Occupational	Specific (30 Credits)	Credits
10-006-102	Integrated Pest Mgmt & Weed Identification	1 3
10-006-103	Agricultural Marketing	3
10-006-116	Agribusiness Work Experience	3
10-006-119	Agricultural Crop Production	3
10-006-133	Introduction to Agribusiness	3
10-006-140	Animal Science Fundamentals	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

### **Animal Science**

10-091-7 Associate Degree • 60 Credits • Financial Aid Eligible • Appleton

**Full Time and Part Time** 

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

### **Career Opportunities**

Animal Health Technician Agribusiness Sales Artificial Insemination Technician Dairy Herdsperson

reed lechnician		
Technical Studies (45 Credits)		
10-006-103	Agricultural Marketing	3
10-006-104	Ag Production Systems	3
10-006-113	Dairy/Livestock Nutrition	3
10-006-114	Dairy/Livestock Ration Balance	3
10-006-116	Agribusiness Work Experience	3
10-006-119	Agricultural Crop Production	3
10-006-133	Introduction to Agribusiness	3
10-006-140	Animal Science Fundamentals	3
10-006-145	Dairy/Livestock Herd Management	3
10-006-148	Dairy Genetics and Reproduction	3
10-006-149	Dairy/Livestock Records Management	3 3 3 3 3 3 3 3 3 3 3
10-006-151	Agribusiness Management	3
10-006-155	Nutrient Management Principles	3
10-006-169	Dairy/Livestock Artificial Insemination	
	Records & Management	3
10-006-170	Animal Health	3
General Studies (15 Credits)		
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-123	Math w Business Apps	3 3 3
10-809-195	Economics	3
10-809-199	Psychology of Human Relations	3

### **Dairy Automation**

31-082-1

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

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

### Career Onnortunities

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

Credits
•
3
3
3
1
1
1
1
1
1
1
1
1
1
1
1
1
1
1
3
3

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

See page 16 for more information.

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

> Davie G. Farm Operation



### **Dairy Science**

31-091-7

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

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

### **Career Opportunities**

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

Occupational	Specific (30 Credits)	Credits
10-006-103	Agricultural Marketing	3
10-006-104	Ag Production Systems	3
10-006-113	Dairy/Livestock Nutrition	3
10-006-114	Dairy/Livestock Ration Balance	3
10-006-116	Agribusiness Work Experience	3
10-006-119	Agricultural Crop Production	3
10-006-133	Introduction to Agribusiness	3
10-006-140	Animal Science Fundamentals	3
10-006-145	Dairy/Livestock Herd Management	3
10-006-148	Dairy Genetics and Reproduction	3

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

Technical Diploma • 18 Credits • Not Financial Aid Eliaible Appleton, Chilton, Clintonville • Part Time

If you want to learn the newest practices and technology in farming, vou'll find them in this unique program. Go on special field trips, attend classes and aet 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 ground your work schedule.

### **Career Opportunities**

Crop Owner/Operator Dairy Owner/Operator

Dairy/Livestock		
Occupational	Specific (18 Credits)	Credits
30-090-350	Livestock/Farmstead Equip Management-P	
30-090-351	Livestock/Farmstead Equip Management-P	
30-090-352	Livestock/Farmstead Equip Management-P	t 3 1
30-090-353	Soil Management-Pt 1	1
30-090-354	Soil Management-Pt 2	1
30-090-355	Soil Management-Pt 3	1
30-090-356	Livestock Nutrition-Pt 1	1
30-090-357	Livestock Nutrition-Pt 2	1
30-090-358	Livestock Nutrition-Pt 3	1
30-090-359	Crop Management-Pt 1	1
30-090-360	Crop Management-Pt 2	1
30-090-361	Crop Management-Pt 3	1
30-090-392	Farm Records and Business Analysis-Pt 1	1
30-090-393	Farm Records and Business Analysis-Pt 2	1
30-090-394	Farm Records and Business Analysis-Pt 3	1
30-090-395	Operating a Farm Business-Pt 1	1
30-090-396	Operating a Farm Business-Pt 2	1
30-090-397	Operating a Farm Business-Pt 3	1

### Farm Operation

31-080-4

Technical Diploma • 30 Credits • Partially Financial Aid Eligible • Appleton Part Time

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

### **Career Opportunities**

Crop Producer		Dairy/Livestock I	Herd Managei
Farm Manager/	Owner	Feed Manager	_
Occupational S	Specific (30 Credits)		Credits
10-006-116	Agribusiness Work Expe	erience	3
10-006-169	Dairy/Livestock Artificion	al Insemination	
	Records & Management	t	3
10-080-104	Farm Business Manage	ment	2
10-080-105	Feeding Modern Livesto	ck Operations	2
10-080-106	Precision Agriculture	•	2
10-080-107	Tractor Preventive Main	tenance	2
10-080-108	Crop Management Prin	ciples	2
10-080-109	Principles of Reproducti	ion	2
10-080-110	Harvesting Equipment		2
10-080-111	Herd Health and Manag	gement	2
10-080-112	Soil Principles and Fert	ility	2
10-080-113	Farm and Dairy Record	S	2
10-080-114	Agricultural Planting Sy	rstems	2
10-080-115	Agricultural Commodity	Marketing	2

### **Precision Agriculture Technician**

Technical Diploma • 30 Credits • Financial Aid Eligible • Appleton

Full Time and Part Time

The Precision Agriculture Technician technical diploma will introduce you to systems used in the high-tech industry of precision agriculture. You'll learn how Global Positioning Systems (GPS) works and how it is used in farming. Through the coursework, you'll gain the necessary skills to set up and properly operate high-tech equipment using today's modern technology. In addition, you'll gain basic knowledge in crop production to help in the selection of management practices within precision agriculture.

### **Career Opportunities**

Agriculture Service Technician	Cash Crop/Dairy Farmer
Data Management Specialist	Equipment Operator
Precision Equipment Sales Specialist	Commercial Applicator

Occupational	Specific (30 Credits)	Credit
10-006-115	Agriculture Internship	2
10-006-117	Agriculture Career Preparation	1
10-006-119	Agricultural Crop Production	3
10-006-150	Agronomy Equipment	3
10-006-154	Precision Ag Overview	3
10-006-159	Precision Agriculture Advanced	3
10-006-163	GIS Applications	3
10-070-103	Intro to Service Maintenance & Principles	3
10-070-120	Ag Planting Equipment	3
10-070-131	Ag DC Electrical Systems	3
10-070-137	Precision Equipment Systems	3

## Precision Agriculture Technology NEW 10-092-1 Associate Degree • 63 Credits • Financial Aid Eligible • Appleton

Associate Degree • 63 Credits • Financial Aid Eligible • Appleton Full Time and Part Time

The Precision Agriculture associate degree prepares you for a variety of careers in a fast-paced, high-tech industry by bridging the gaps between equipment, agronomy and technology. You'll acquire the necessary skills to install, troubleshoot and operate high-tech equipment using the most current technology. You'll also learn about data management, crop production and agriculture equipment, focusing on increasing farm production and supporting sustainable agriculture practices.

### **Career Opportunities**

Agricultural Equipment Operator	Agricultural Equipment Sales
Agricultural Service Technician	Agronomy Sales/Service
Cash Crop/Dairy Farmer	Commercial Applicator
Data Management Specialist	Independent Crop Consultant
Precision Equipment Sales Specialist	

Technical Studies (45 Credits)		Credits
10-006-115	Agriculture Internship	2
10-006-117	Agriculture Career Preparation	1
10-006-119	Agricultural Crop Production	3
10-006-141	Crop Science	3
10-006-143	Introduction to Soils	3
10-006-150	Agronomy Equipment	3
10-006-154	Precision Ag Overview	3
10-006-155	Nutrient Management Principles	3
10-006-159	Precision Agriculture Advanced	3
10-006-163	GIS Applications	3
10-070-101	Basic Agriculture Hydraulic Systems	3
10-070-103	Intro to Service Maintenance & Principles	3 3 3 3 3 3 3 3 3 3 3 3 3 3
10-070-120	Ag Planting Equipment	3
10-070-131	Ag DC Electrical Systems	3
10-070-136	AG DC Electronic Systems	3
10-070-137	Precision Equipment Systems	3
General Studies (15 Credits)		
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-123	Math w Business Apps	3
10-809-195	Economics	3 3 3 3
10-809-199	Psychology of Human Relations	3
FL /0.6	I+. 1	

### Electives (3 Credits)

See an Academic Advisor.

# Want to continue your education beyond an associate degree?

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

### **Veterinary Technician**

10-091-1

Associate Degree • 65 Credits • Financial Aid Eligible • Appleton Full Time and Part Time

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

The Veterinary Technician program meets the professional licensure or certification educational requirements for Wisconsin and the College is not aware of whether the program meets the requirements for other states.

### **Career Opportunities**

ertified Veterinary Technician Veterinary Technician

Certified Veterin	nary Technician Veterinary Technic	ian
Technical Stud	dies (49 Credits)	Credits
10-006-140	Animal Science Fundamentals	3
10-091-108	Animal Disease	2
10-091-110	Pharmacology 2-Animal	2
10-091-114	Internship-Veterinary Technician Program	3
10-091-119	Large Animal Nursing	3
10-091-120	Veterinary Clinical Pathology 1	3
10-091-122	Advanced Topics in Veterinary Medicine	1
10-091-123	Lab Animal and Exotics	2
10-091-124	Veterinary Clinical Pathology 2	2 3 3
10-091-127	Veterinary Surgical Nursing 1	
10-091-128	Animal Nursing	2
10-091-131	Veterinary Office Procedures 1	1
10-091-132	Veterinary Office Procedures 2	1
10-091-140	Animal Anatomy & Physiology 1	3
10-091-152	Veterinary Surgical Nursing 2	3
10-091-153	Veterinary Diagnostic Imaging 1	2
10-091-170	Veterinary Medical Terminology	2
10-091-171	Animal Care and Management 1	3
10-091-173	Animal Care And Management 2	2
10-091-180	Veterinary Technician Clinical Skills	1
10-091-181	Veterinary Diagnostic Imaging 2	2
10-091-191	Pharmacology 1-Animals	2
General Studies (16 Credits)		
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-806-105	Principles of Animal Biology	4
10-809-196	Intro to Sociology	3
10-809-198	Intro to Psychology	3

### HORTICULTURE

**Greenhouse Operations** 

10-001-6

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

In the fast-growing and ever-changing field of horticulture, the Greenhouse Operations associate degree is a great opportunity to become a valuable member of the horticulture industry. This degree will prepare you for a variety of careers in the greenhouse field. You'll apply the latest hands-on technologies in an environmentally friendly and sustainable practice. Your training will include propagating and growing plants, learning hydroponic food production, working in outdoor settings, diagnosing pest issues and designing a greenhouse growing operation. Instruction covers a wide array of plant types.

### **Career Opportunities**

Designer Garden Center Operator
Landscape Designer Landscape Foreman
Landscape Maintenance

Lunuscupe munnenunce		
	es (45 Credits)	Credits
10-001-108	Plant Propagation	2
10-001-111	Introduction to Horticulture	3
10-001-112	Horticulture Soils	3
10-001-113	Greenhouse and Turf Pest Management	3
10-001-115	Tissue Culture Propagation	2
10-001-117	Equipment Operation, Horticulture	2
10-001-119	Greenhouse Transition to Summer	1
10-001-121	Hydroponic Growing & Systems	2
10-001-122	Interiorscaping	2
10-001-123	Landscape Management	3
10-001-125	Greenhouse Management & Control Systems	2
10-001-140	Plant Diagnostics	2
10-001-145	Landscape Estimating and Technical Reports	3
10-001-158	Woody Ornamental Plant ID	3
10-001-159	Survey of Herbaceous Plants	3
10-001-170	Fall Landscape Maintenance	3 3
10-001-174	Landscape Design 1	
10-102-112	Business, Introduction to	3
General Studie	s (15 Credits)	
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-107	College Mathematics	3
10-809-195	Economics	3
10-809-199	Psychology of Human Relations	3

### Horticulture Technician 31-001-1

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

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

### Career Opportunities

Agriculture, Horticulture & Natural Resources

Garden Center Consultant	Greenhouse Technician
Grower	Landscape Construction Technician

Landscape Technician

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

### Horticulture/Landscape Specialist

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

32-001-2

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

### **Career Opportunities**

Assistant Grower	Crew Leader
Foreman	Greenhouse Maintenance & Sales
Nursery Attendant	

Nursery Attenda	nt	
Occupational S	pecific (57 Credits)	Credits
10-001-108	Plant Propagation	2
10-001-109	Landscape Construction 2	2
10-001-111	Introduction to Horticulture	3
10-001-112	Horticulture Soils	3
10-001-113	Greenhouse and Turf Pest Management	3
10-001-114	Introduction to Arboriculture	1
10-001-115	Tissue Culture Propagation	2
10-001-117	Equipment Operation, Horticulture	2
10-001-121	Hydroponic Growing & Systems	2
10-001-122	Interiorscaping	2
10-001-123	Landscape Management	3
10-001-125	Greenhouse Management & Control Systems	2
10-001-130	Turf Management & Irrigation Systems	2

0-001-131	Organic Land Care	2
0-001-140	Plant Diagnostics	2
0-001-145	Landscape Estimating and Technical Reports	3
0-001-158	Woody Ornamental Plant ID	3
0-001-159	Survey of Herbaceous Plants	3
0-001-170	Fall Landscape Maintenance	3
0-001-174	Landscape Design 1	3
0-001-181	Landscape Construction 1	3
0-001-184	Landscape Design 2	3
0-102-112	Business, Introduction to	3

### **Landscape Horticulture**

10-001-4

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

As many consider their outdoor environment an extension of their indoor space. career opportunities are available in the fields of landscape design, landscape construction and landscape maintenance. If you have an interest in designing, building and maintaining outdoor spaces, you'll have many opportunities after completing the Landscape Horticulture associate degree. This degree will provide you with industry-current education in technical knowledge areas of plant health care, landscape construction, small business operation and sustainable landscape design. When completed, you'll be a well-rounded landscape professional.

### **Career Opportunities**

Arborist	Crew Leader
Forestry	Horticulturalist
Landscape Designer	Landscape Gardener

Technical Studies (45 Credits)		Credits
10-001-111	Introduction to Horticulture	3
10-001-112	Horticulture Soils	3
10-001-113	Greenhouse and Turf Pest Management	3
10-001-114	Introduction to Arboriculture	1
10-001-117	Equipment Operation, Horticulture	2
10-001-123	Landscape Management	3
10-001-130	Turf Management & Irrigation Systems	2
10-001-131	Organic Land Care	2
10-001-145	Landscape Estimating and Technical Reports	3
10-001-158	Woody Ornamental Plant ID	3
10-001-159	Survey of Herbaceous Plants	3
10-001-170	Fall Landscape Maintenance	2 2 3 3 3 2 3 3 3 3 3 3
10-001-171	Spring Landscape Maintenance	2
10-001-174	Landscape Design 1	3
10-001-181	Landscape Construction 1	3
10-001-184	Landscape Design 2	3
10-102-112	Business, Introduction to	3
General Studies (15 Credits)		
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-107	College Mathematics	3 3 3
10-809-195	Economics	3
10-809-199	Psychology of Human Relations	3

### **NATURAL RESOURCES**

### Natural Resources Technician

10-057-1

Associate Degree • 66 Credits • Financial Aid Eligible • Appleton Full Time and Part Time

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

### Career Opportunities

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

Technical Studi	es (43 Credits)	Credits
10-057-106	Surveying 1	3
10-057-107	Surveying 2	3 2
10-057-109	Ecology	
10-057-128	Wildlife Mgmt - Nongame and Hunted Specie	s 3
10-057-129	Fish Mgmt-Ichthyology,Limnology/Field Pract	3
10-057-130	Recreation Facilities Maintenance	3
10-057-132	Forestry 1	3
10-057-134	Soil and Water Conservation	3
10-057-136	Environmental Water Quality	3 3 3 3 1
10-057-140	Plant Identification	1
10-057-142	Natural Resources Co-op Experience	2
10-057-143	Natural Resources Common Topics	2 2 3 3
10-057-183	Exploring Natural Resources	3
10-804-107	College Mathematics	3
Select a total of	6 credits from these options:	
10-057-131	Forest Recreation Environmental Education	3
10-057-133	Forestry 2	3 3 3
10-057-135	Soil and Water Conservation/Engineering	3
10-057-137	Wastewater Management	3
<b>General Studie</b>	s (20 Credits)	
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	
10-806-114	General Biology	3 4
10-806-134	General Chemistry	4 3 3
10-809-195	Economics	3
10-809-198	Intro to Psychology	3
Electives (3 Cr	edits)	

See an Academic Advisor

### **Wildland Fire Crew** 31-058-1 Technical Diploma • 30 Credits • Financial Aid Eliaible • Appleton Full Time and Part Time

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

### Career Opportunities

Burn Crew	Engine Crew
Hand Crew	Holding Crew
Rx Crew	_

Occupational	Specific (24 Credits)	Credits
10-057-109	Ecology	2
10-057-140	Plant Identification	1
10-057-143	Natural Resources Common Topics	2
10-057-183	Exploring Natural Resources	3
10-058-160	Wildfire Intro S130/S190/L180	2
10-058-162	S212 Wildland Fire Chainsaws	1
10-058-164	S-219 Firing Operations	1
10-058-173	Fitness Qualification Prep 1	1
10-058-179	Fire Experience	3
10-058-182	Fire Prep	1
10-058-186	S211/S131 Pumps/FF1	2
10-058-188	Wildfire Equipment Operation	2
10-531-105	Emergency Medical Responder	
	with Healthcare Provider CPR	2
Occupational Supportive (6 Credits)		
10-801-195	Written Communication	3
10-804-107	College Mathematics	3

# Wildland Firefighter 10-058-1 Associate Degree • 62 Credits • Financial Aid Eligible • Appleton Full Time and Part Time

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

### **Career Opportunities**

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

	Wilalalla lecillila	luli.	
Technical Studies (43 Credits) Credit			
	10-057-109	Ecology	2
	10-057-128	Wildlife Mgmt - Nongame and Hunted Speci	es 3
	10-057-131	Forest Recreation Environmental Education	3
	10-057-132	Forestry 1	3
	10-057-133	Forestry 2	3
	10-057-140	Plant Identification	3 3 1 2 3 1 2
	10-057-143	Natural Resources Common Topics	2
	10-057-183	Exploring Natural Resources	3
	10-058-159	Advanced Fitness Qualification	1
	10-058-160	Wildfire Intro S130/S190/L180	
	10-058-162	S212 Wildland Fire Chainsaws	1
	10-058-163	S290 Intermediate Wildland Fire Behavior	1
	10-058-164	S-219 Firing Operations	1
	10-058-171	History of Wildfire	3
	10-058-173	Fitness Qualification Prep 1	3 1 3 1
	10-058-179	Fire Experience	3
	10-058-181	Prescribed Fire	
	10-058-182	Fire Prep	1
	10-085-184	S270 Basic Air Ops	1
	10-058-185	S134 & RT130 Annual Refresher	1
	10-058-186	S211/S131 Pumps/FF1	2 2
	10-058-188	Wildfire Equipment Operation	2
	10-531-105	Emergency Medical Responder with Healthcare Provider CPR	2
	<b>General Studie</b>	s (19 Credits)	
	10-801-195	Written Communication	3
	10-801-196	Oral/Interpersonal Comm	3
	10-804-107	College Mathematics	3
	10-806-114	General Biology	3 3 4 3 3
	10-809-195	Economics	3
	10-809-198	Intro to Psychology	3

See how you can turn your love of the outdoors into a rewarding career: www.fvtc.edu/WildlandFireVideo

### **OUTDOOR POWER**

# Outdoor Power Equipment Technician 31-461-3 Technical Diploma • 31 Credits • Financial Aid Eligible • Appleton Full Time and Part Time

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

### **Career Opportunities**

Parts Manager	Sales Consultant
Service Technician	Service Writer
Ch M	

Occupational	Specific (29 Credits)	Credits
10-442-120	Related Welding	1
10-461-151	OPE Four Stroke Engines	3
10-461-152	OPE Two Stroke Engines	3
10-461-153	OPE DC Electrical & Fuel Mgmt Systems	3
10-461-154	Hydraulics, Drivelines, and Chassis	3
10-461-156	Motorcycle & Moped Service & Repair	3
10-461-157	ATV & UTV Service & Repair	3
10-461-158	Motorcycle & Moped Electrical Diagnostics	3
10-461-159	ATV & UTV Electrical & Diagnostics	3
31-461-301	Intro to Outdoor Power Equipment	2
31-461-302	Outdoor Power Equip Diesel Engine Systems	2
Occupational S	Supportive (2 Credits)	
31-801-318	Communication, Applied	2

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

### **Aviation**

Aeronautics-Pilot Training	10-402-1
Associate Degree • 60 Credits • Financial Aid Eligible •	Oshkosh
Full Time and Part Time	

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

Due to program demand, licensure and certification requirements, and Wisconsin laws relating to residency, this program is currently not accepting out-of-state applicants.

### **Career Opportunities**

10-402-103

Aerial Photography/Iour Pilot		Agricultural Pilot
Airline Pilot	. "	Charter Pilot
Corporate Pilot	•	Flight Instructor
Law Enforceme	ent Pilot	U.S. Forestry or Contractor Pilot
Technical Stu	dies (43 Credits)	Credits
10-402-101	Private Pilot-Ground	3
10-402-102	Aviation Weather	3

10-402-104	Commercial-Ground	3
10-402-104		
10-402-105	Aerodynamics	3
	Aircraft Systems	3 ]
10-402-113	Private Pilot-Flight 1A	
10-402-115	Private Pilot-Flight 1B	1
10-402-116	Instrument Flight 2A	1
10-402-117	Instrument Flight 2B	1
10-402-118	Commercial Flight 1A	1
10-402-119	Commercial Flight 1B	1
10-402-121	Commercial Flight 2A	1
10-402-122	Private Pilot-Flight 2	1
10-402-125	Private Pilot-Flight 3	1
10-402-126	Instrument Flight 1	1
10-402-128	Instrument Flight 3	1
10-402-129	Commercial Flight 2B	1
10-402-131	Aviation Safety & Human Factors, Intro to	1
10-402-132	Fundamentals of ATC and Airspace	1
10-402-133	Applied Aviation Safety and Human Factors	1
10-402-154	Commercial Flight 4	1
10-402-173	CFI-Flight 3	1
10-402-174	CFI-Flight 4	1
10-402-175	CFI-Flight 5	1
10-402-181	Commercial Flight 3A	1
10-402-182	Commercial Flight 3B	1
10-402-184	CFI-Flight 1B	1
10-402-187	CFI-Flight 2A	1
10-402-188	CFI-Flight 2B	1
10-402-190	CFI-Flight 1A	1
<b>General Studie</b>		
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3 3 3 2
10-804-113	College Technical Math 1A	3
10-804-114	College Technical Math 1B	2
10 000 105		_

Want to continue your education beyond an associate degree?

Instrument-Ground

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



10-809-195

10-809-198

**Economics** 

Intro to Psychology

### **Aircraft Electronics** 10-486-1 Associate Degree • 64 Credits • Financial Aid Eligible • Oshkosh

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

Due to program demand, licensure and certification requirements, and Wisconsin laws relating to residency, this program is currently not accepting out-of-state applicants.

### **Career Opportunities**

Avionics Systems Renair Technician Quality Assurance Technician

	s Kepair Technician — Quality Assurance T s Installation Technician	echnician
•		c !·.
	ies (44 Credits)	Credits
10-486-100	Aircraft Fundamentals	2
10-486-101	Aviation Records, Regulations & Publication	
10-486-102	Aircraft Materials & Hardware	2
10-486-103	Aircraft Corrosion Control	2
10-486-104	Inspection Fundamentals	1
10-486-105	Ground Handling & Servicing	1
10-486-114	Avionics Communications	3
10-486-120	Avionics Fundamentals	2
10-486-121	Airframe Instrumentation	2
10-486-122	Airframe Electrical Power	2
10-486-125	Aircraft Metallic Structures	2
10-486-126	Airframe Fuel Systems	1
10-486-127	Aircraft Technical Drawings	1
10-486-140	Avionics Control Systems	2
10-486-141	Powerplant Instrumentation	1
10-486-142	Powerplant Electrical Power	1
10-486-143	Avionics Surveillance Systems	3
10-486-168	Human Factors	1
10-486-169	Avionics Navigational Systems	3
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
10-660-115	AC Circuits 2	1
10-660-128	Semiconductors 1	1
10-660-129	Semiconductors 2	1
10-660-130	Digital Electronics Tech 1	1
10-660-131	Digital Electronics Tech 2	1
	es (18 Credits)	
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-113	College Technical Math 1A	3
10-806-139	Survey of Physics	3
10-809-195	Economics	3 3 3 3
10-809-198	Intro to Psychology	3

### Electives (2 Credits)

See an Academic Advisor.

### **Airframe & Powerplant Mechanics**

32-486-1

Technical Diploma • 64 Credits • Partially 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 vou'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?

Due to program demand, licensure and certification requirements, and Wisconsin laws relating to residency, this program is currently not accepting out-of-state applicants.

### **Career Opportunities**

Aircraft Inspector Airline Technician Aviation Maintenance Technician Corporate/General Aviation Technician

	pecific (55 Credits)	Credits
10-486-100	Aircraft Fundamentals	2
10-486-101	Aviation Records, Regulations & Publication	
10-486-102	Aircraft Materials & Hardware	2
10-486-103	Aircraft Corrosion Control	2
10-486-104	Inspection Fundamentals	1
10-486-105	Ground Handling & Servicing	1
10-486-120	Avionics Fundamentals	2
10-486-121	Airframe Instrumentation	2
10-486-122	Airframe Electrical Power	2
10-486-125	Aircraft Metallic Structures	2
10-486-126	Airframe Fuel Systems	1
10-486-127	Aircraft Technical Drawings	1
10-486-141	Powerplant Instrumentation	1
10-486-142	Powerplant Electrical Power	1
10-486-168	Human Factors	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
32-486-330	Aircraft Cabin & Environmental Systems	1
32-486-332	Airframe Protection Systems	2
32-486-334	Aircraft Non-metallic Structures	2
32-486-335	Aircraft Hydraulics & Pneumatics	2
32-486-336	Aircraft Landing Gear	2
32-486-338	Aircraft Flight Controls	1
32-486-339	Propellers	2
32-486-340	Airframe Inspections	1
32-486-341	Turbine Engines	2
32-486-342	Turbine Systems 1	2
32-486-343	Turbine Systems 2	1
32-486-344	Powerplant Inspections	1
32-486-345	Reciprocating Engines	2
32-486-346	Reciprocating Systems 1	1
32-486-347	Reciprocating Systems 2	2
32-486-348	Powerplant Fuel Metering	2
32-486-349	Powerplant Protection Systems	1
Occupational S	upportive (9 Credits)	
10-801-195	Written Communication	3
10-804-113	College Technical Math 1A	3
10-806-139	Survey of Physics	3

"The instructors are incredible. If I ever had questions, they were always available to help. It really felt more like a mentorship than instruction."

> Ashley H. **Aircraft Electronics and Airframe & Powerplant Mechanics**

### **Aviation Management NEW**

10-402-3

Associate Degree • 60 Credits • Financial Aid Eligible Online, Oshkosh • Full Time and Part Time

Build a foundation for a career as an aviation professional working behind the scenes to make this incredible industry fly. In this program, you'll gain a broad range of knowledge, skills and abilities in business management, operations and development blended with the intricacies of applying these skills in the aviation industry. Find an exciting career as a safety data analyst, program manager, operations manager, crew scheduler, load planner, fuel planner, flight information specialist and more.

### Career Opportunities

curcor Opportunitos	
Crew Scheduler	Flight Information Specialist
Fuel Planner	HR Recruiter
Inventory Coordinator	Load Planner
Materials Analyst	Materials Dispatcher
Operations Manager	Parts Room Manager
Quality Assurance Analyst	Reliability Analyst
Safety Data Analyst	Safety Program Manager
Sunnly Chain & Logistics	, 0 0

Technical Studio	•	Credits
10-102-103	Business Law 1	3
10-102-112	Business, Introduction to	3
10-103-120	MS Office Suite, Introduction	2
10-116-155	Business Ethics	3
10-116-193	Human Resources, Introduction to	3
10-182-131	Fundamentals of Supply Chain Management	3
10-196-110	Cost Controls and Budgeting	3
10-196-188	Project Management, Intro to	3 3 3 3 3
10-196-190	Leadership Development	3
10-196-191	Supervision	3
10-196-192	Managing for Quality	3
10-402-131	Aviation Safety & Human Factors, Intro to	1
10-402-133	Applied Aviation Safety and Human Factors	1
10-449-162	Fundamentals of Occupational Safety	3
10-486-101	Aviation Records, Regulations & Publications	
10-623-195	Lean Tools	2
General Studie	s (15 Credits)	
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	
10-804-135	Quantitative Reasoning	3 3
10-809-195	Economics	3
10-809-198	Intro to Psychology	3
Electives (3 Cro	edits)	

See an Academic Advisor

Learn about the Aviation Degree Programs: www.fvtc.edu/AviationVideo

Credits

# Business, Management & Finance

### **ACCOUNTING & FINANCE**

Accounting 10-101-1

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

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

**Career Opportunities** 

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

Statt Accountant	Statt Accountant lax Preparer	
Technical Studio	es (46 Credits)	Credits
10-101-101	Applied Accounting Capstone	3
10-101-104	QuickBooks Accounting Online	2
10-101-105	Data Analytics for Accounting	2
10-101-132	Cost Accounting	4
10-101-145	Spreadsheets, Beginning	1
10-101-152	Spreadsheets, Intermediate	1
10-101-153	Spreadsheets, Advanced	1 2 4
10-101-180	Financial Accounting 1	4
10-101-181	Financial Accounting 2	4
10-101-182	Intermediate Accounting	4 4 3
10-101-186	Income Tax Accounting	4
10-101-187	Business and Personal Tax	
10-101-190	Financial Fraud Detection, Fundamentals of	f 1
10-101-193	Great Plains-Enterprise Resource	
	Planning System	1
10-101-194	Payroll	2
10-101-195	Advanced Payroll	1
10-102-103	Business Law 1	3
10-103-103	Excel Mastery	1 3 1 2
10-103-120	MS Office Suite, Introduction	2
10-106-199	Business Career Planning	1
General Studie		
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-123	Math w Business Apps	3 3 3 3
10-809-195	Economics	3
10-809-199	Psychology of Human Relations	3

Electives (2 Credits)

See an Academic Advisor.

Accounting Assistant

31-101-1

Technical Diploma • 34 Credits • Financial Aid Eligible
Appleton, Chilton, Clintonville, Online, Oshkosh, Waupaca, Wautoma
Full Time and Part Time

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

<b>Career Oppor</b>	tunities
---------------------	----------

Accounting Clerk	Accounts Payable/Receivable Clerk
Billing Clerk	Bookkeeper ,
Pavroll Clerk	·

Occupational	Specific (25 Credits)	Credits		
10-101-104	QuickBooks Accounting Online	2		
10-101-145	Spreadsheets, Beginning	1		
10-101-152	Spreadsheets, Intermediate	1		
10-101-153	Spreadsheets, Advanced	2		
10-101-180	Financial Accounting 1	4		
10-101-181	Financial Accounting 2	4		
10-101-190	Financial Fraud Detection, Fundamentals of	1		
10-101-193	Great Plains-Enterprise Resource			
	Planning System	1		
10-101-194	Payroll	2		
10-101-195	Advanced Payroll	1		
10-102-103	Business Law 1	3		
10-103-120	MS Office Suite, Introduction	2		
10-106-199	Business Career Planning	1		
Occupational Supportive (9 Credits)				
10-801-195	Written Communication	3		
10-801-196	Oral/Interpersonal Comm	3		
10-804-123	Math w Business Apps	3		

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

Learn more:

www.fvtc.edu/FlexibleLearning

### **Bookkeeping**

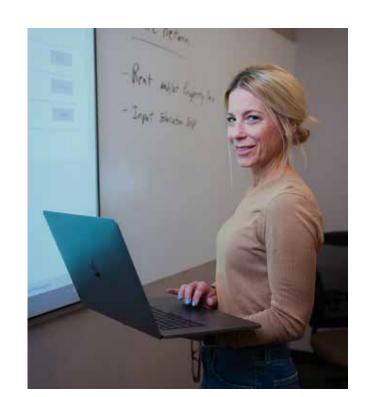
30-101-3

Technical Diploma • 14 Credits • Not Financial Aid Eligible
Appleton, Chilton, Clintonville, Online, Oshkosh, Waupaca, Wautoma
Full Time and Part Time

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

### Career Opportunity Bookkeeper

Occupational	Specific (14 Credits)	Credits
10-101-104	QuickBooks Accounting Online	2
10-101-145	Spreadsheets, Beginning	1
10-101-152	Spreadsheets, Intermediate	1
10-101-180	Financial Accounting 1	4
10-101-193	Great Plains-Enterprise Resource	
	Planning System	1
10-101-194	Payroll	2
10-101-195	Advanced Payroll	1
10-103-120	MS Office Suite, Introduction	2



**Finance** 10-114-2

Associate Degree • 62 Credits • Financial Aid Eligible • Online Full Time and Part Time

Money makes the world go around and in this career field, you are at the center of business and personal transactions. Learn about the framework of laws and regulations in the financial sector. Gain a broad knowledge of business activities as well as skills in financial accounting, sales and marketing, financial planning and investing. Learn to use problem-solving strategies to help clients achieve financial goals.

### **Career Opportunities**

Technical Studies (44 Credits)

curou opportunitos	
Business Manager	Consumer Lender
Investment Representative	Mortgage Loan Processo
Customer Service Representative/Teller	

recunical Sival	es (44 Creans)	Creans
10-101-105	Data Analytics for Accounting	2
10-101-145	Spreadsheets, Beginning	1
10-101-152	Spreadsheets, Intermediate	1
10-101-153	Spreadsheets, Advanced	2
10-101-180	Financial Accounting 1	4
10-101-181	Financial Accounting 2	4
10-101-190	Financial Fraud Detection, Fundamentals of	1
10-102-103	Business Law 1	3
10-103-120	Microsoft Office	2
10-114-103	Financial Statement Analysis	3
10-114-104	Financial Institutions	3
10-114-106	Financial Products and Services	3 3 3 3 3
10-114-108	Financial Management	3
10-114-115	Credit Procedures	3
10-114-175	Financial Planning	3
10-114-176	Stock and Bond Investments	3
10-116-155	Business Ethics	3
<b>General Studie</b>	s (18 Credits)	
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-144	Math of Finance	3
10-809-143	Microeconomics	3
10-809-144	Macroeconomics	3
10-809-198	Intro to Psychology	3

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

See page 16 for more information.

### **BUSINESS & MANAGEMENT**

**Business Analyst** 

10-102-1

Associate Degree • 61 Credits • Financial Aid Eligible • Online Full Time and Part Time

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

### **Career Opportunities**

**Business Systems Analyst Business Analyst** Enternrise Analyst Functional Analyst

Enterprise Analysi Functional And		Allulysi	
Project Coordinator			
Technical Studies (43 Credits)		Credits	
10-102-115	Business Analyst Essentials	2	
10-102-124	BA Planning and Monitoring	3	
10-102-126	Elicitation and Collaboration Techniques	2	
10-102-130	Requirements Analysis & Design	3 3	
10-102-136	BA Strategy Analysis & Evaluation	3	
10-102-198	Business Analyst Career Experience	2	
10-103-120	Microsoft Office	2	
10-106-117	Business Networking	2	
10-106-126	Project Management Software	1	
10-106-128	Data Optimization	2	
10-106-199	Business Career Planning	1	
10-107-158	Systems Analysis	3	
10-152-168	Data Access for Programmers	3	
10-196-110	Cost Controls and Budgeting	3 3 2	
10-196-131	Problem Solving		
10-196-188	Project Management, Intro to	3 3 2	
10-196-190	Leadership Development	3	
10-623-195	Lean Tools		
10-890-100	College Success: On Course	1	
General Studies (18 Credits)			
10-801-195	Written Communication	3	
10-801-196	Oral/Interpersonal Comm	3	
10-804-133	Math & Logic	3	
10-809-166	Intro to Ethics: Theory & App	3 3 3 3	
10-809-195	Economics	3	
10-809-198	Intro to Psychology	3	

### **Business Management**

10-102-3

Associate Degree • 62 Credits • Financial Aid Eligible Appleton, Chilton, Clintonville, Online, Oshkosh • Full Time and Part Time

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

### **Career Opportunities**

Assistant Manager Customer Service Supervisor Management Trainee Shift Coordinator

Team Leader

Technical Studies (44 Credits) Credits			
10-101-107	Accounting, Principles of	3	
10-101-145	Spreadsheets, Beginning	i	
10-102-103	Business Law 1		
10-102-106	Business Management Internship	2	
10-103-120	MS Office Suite, Introduction	2	
10-104-106	Business Communication	3	
10-104-117	Sales Principles	3	
10-104-151	Marketing 1, Principles of	3	
10-106-128	Data Optimization	2	
10-106-199	Business Career Planning	3 2 2 3 3 3 2 1	
10-116-155	Business Ethics		
10-116-193	Human Resources, Introduction to	3	
10-196-110	Cost Controls and Budgeting	3	
10-196-188	Project Management, Intro to	3 3 3 3	
10-196-190	Leadership Development	3	
10-196-191	Supervision	3	
Select a total of 3 credits from these options:			
10-145-104	Entrepreneurship, Introduction to	3	
10-102-112	Business, Introduction to	3	
General Stud	ies (15 Credits)		
10-801-195	Written Communication	3	
10-801-196	Oral/Interpersonal Comm	3	
10-804-123	Math w Business Apps	3 3 3	
10-809-195	Economics	3	
10-809-198	Intro to Psychology	3	
Electives (3 Credits)			
See an Academ			

### **Business Operations**

Full Time and Part Time

31-102-4

**Human Resources** 10-116-1

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

Associate Degree • 62 Credits • Financial Aid Eligible • Appleton, Online Full Time and Part Time Human resources professionals help managers and directors find, train

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 vour new skills right away.

### **Career Opportunities**

Business Administrator Facility Manager Operations Manager Store Manager Supervisor

Technical Diploma • 32 Credits • Financial Aid Eligible

Appleton, Chilton, Clintonville, Online, Oshkosh, Waunaca, Wautoma

Occupational	Credits		
10-101-107	Accounting, Principles of	3	
10-102-103	Business Law 1	3	
10-102-112	Business, Introduction to	3	
10-103-120	MS Office Suite, Introduction	2	
10-104-117	Sales Principles	3	
10-104-151	Marketing 1, Principles of	3	
10-116-193	Human Resources, Introduction to	3	
10-196-191	Supervision	3	
Occupational Supportive (9 Credits)			
10-801-195	Written Communication	3	
10-804-123	Math w Business Apps	3	
10-809-198	Intro to Psychology	3	

### **Digital Court Reporter**

31-170-1 Technical Diploma • 27 Credits • Financial Aid Eliaible • Online

Full Time and Part Time

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

The state of Wisconsin does not require a professional licensure or certification to be employed as a digital court reporter within the state. Some other states may require professional licensure or certification to be employed.

### **Career Opportunities**

Court Reporter Digital Audio Reporter Digital Court Reporter

Digital Court No	portor	
Occupational Specific (27 Credits)		
10-103-180	MS Word Introduction	1
10-103-184	MS Word Intermediate	1
10-106-112	Keyboarding Speed Development	1
10-110-102	Legal Fundamentals	3
10-110-112	Legal Terminology, Introduction to	3
10-170-100	Digital Court Reporting, Introduction to	2
10-170-102	Digital Audio Reporting Lab	2
10-170-103	Legal Transcription	3
10-170-104	Legal Transcription 2	3
10-170-111	Speech Recognition Technology	2
10-170-115	DCR Grammar & Punctuation 1	3
10-170-116	DCR Grammar & Punctuation 2	3

**Career Opportunities** Benefits Specialist Human Resources Assistant Human Resources Coordinator Recruiting Assistant Staff Coordinator

this rewarding and important career field.

Statt Coordinator			
Technical Stud	Credits		
10-101-107	Accounting, Principles of	3	
10-101-194	Payroll	2	
10-102-112	Business, Introduction to	3	
10-103-120	Microsoft Office	2	
10-104-106	Business Communication	3	
10-106-128	Data Optimization	2	
10-116-105	Employee and Labor Relations	3	
10-116-150	Employment Law	3	
10-116-152	Technology in Human Resources	2	
10-116-153	Compensation and Benefits	3 3	
10-116-154	Recruiting and Hiring	3	
10-116-155	Business Ethics	3 3 3	
10-116-160	Training Design and Measurement	3	
10-116-193	Human Resources, Introduction to		
10-116-199	Human Resources Career Experience	2	
10-890-100	College Success: On Course	1	
General Studies (18 Credits)			
10-801-195	Written Communication	3	
10-801-196	Oral/Interpersonal Comm	3	
10-804-123	Math w Business Apps	3 3 3	
10-809-172	Introduction to Diversity Studies	3	
10-809-195	Economics	3	
10-809-198	Intro to Psychology	3	
=1 -1 /0 /	1 10-1		

Electives (3 Credits) See an Academic Advisor.

37

### Legal Studies/Paralegal

Associate Degree • 62 Credits • Financial Aid Eligible • Appleton, Online Full Time and Part Time

10-110-1

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

The state of Wisconsin does not require a professional licensure or certification to be employed as a paralegal within the state. Some other states may require professional licensure or certification to be employed.

### **Career Opportunities**

Case Administration Specialist	Compliance Officer
Contract Administrator	Conveyance Examiner
Corporation Paralegal	Court Clerk
Disability Claims Specialist	Law Office Manager
Law Office Paralegal	Licensing Manager
Paralegal Supervisor	Plan Intake Coordinator
Public/Government Paralegal	Trust Department Paralegal
Victim/Witness Advocate	

Vicinity Williess Advocate			
Technical Studi	es (44 Credits)	Credits	
10-101-107	Accounting, Principles of	3	
10-102-103	Business Law 1	3	
10-102-157	Business Law 2	3	
10-103-180	MS Word Introduction	1	
10-103-184	MS Word Intermediate	1	
10-110-100	Legal Studies & Legal Ethics, Intro to	4	
10-110-106	Family Law	3	
10-110-107	Legal Aspects/Business Organizations	3 3 3	
10-110-114	Administration of Estates	3	
10-110-115	Legal Research & Writing, Introduction	3	
10-110-117	Legal Research & Writing, Advanced	3	
10-110-118	Law Office Management and Technology	3 3 2 3 3	
10-110-119	Legal Studies Internship	2	
10-110-151	Civil Litigation Procedures	3	
10-110-160	Employment Law for Legal Professionals	3	
10-110-168	Criminal Procedures for Legal Professionals	3	
General Studies (15 Credits)			
10-801-195	Written Communication	3	
10-801-196	Oral/Interpersonal Comm	3	
10-804-123	Math w Business Apps	3 3 3	
10-809-196	Intro to Sociology	3	
10-809-198	Intro to Psychology	3	

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

See an Academic Advisor.

### **Management Development**

10-196-1 Associate Degree • 61 Credits • Financial Aid Eligible • Online

Credits

Full Time and Part Time

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

### Career Opportunities

**Technical Studies (37 Credits)** 

Department Manager	Facilitator
Professional Recruiter	Supervisor
Team Leader	Warehouse Manager

10-102-112	Business, Introduction to	3
10-104-151	Marketing 1, Principles of	3
10-116-105	Employee and Labor Relations	3
10-116-193	Human Resources, Introduction to	3
10-196-108	Contemporary Business Issues	3
10-196-110	Cost Controls and Budgeting	3
10-196-121	Safety, Principles of	2
10-196-131	Problem Solving	2
10-196-139	Employee Training and Development	3
10-196-171	Management Development Field Study	1
10-196-190	Leadership Development	3
10-196-191	Supervision	3
10-196-192	Managing for Quality	3
10-623-195	Lean Tools	2
General Studio	es (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	
10-809-195	Economics	3 3
10-809-196	Intro to Sociology	3
10-809-198	Intro to Psychology	3
-1	, , , ,	

### **Electives (3 Credits)** See an Academic Advisor.

### **Project Specialist** 31-102-10 Technical Diploma • 30 Credits • Financial Aid Eligible • Online Full Time and Part Time

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

### **Career Opportunities**

Project Assistant	Project Coordinator
Project Facilitator	Project Specialist

Occupational	Specific (24 Credits)	Credits
10-102-124	BA Planning and Monitoring	3
10-102-126	Elicitation and Collaboration Techniques	2
10-103-120	Microsoft Office	2
10-106-117	Business Networking	2
10-106-126	Project Management Software	1
10-106-199	Business Career Planning	1
10-107-158	Systems Analysis	3
10-196-110	Cost Controls and Budgeting	3
10-196-131	Problem Solving	2
10-196-188	Project Management, Intro to	3
10-623-195	Lean Tools	2
Occupational	Supportive (6 Credits)	
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3

### **Small Business Entrepreneurship**

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

10-145-1

Investigate the relationship between entrepreneurial thinking and opportunity, and learn how to turn that creative spark into a new business venture. You'll learn to research, develop and write detailed start-up business plans. You'll get the marketing, accounting and finance, customer service and human resource skills to start and grow your own successful business. A mentorship with local business owners will help you practice and hone your skills in a real-world business environment. Graduates find employment with existing firms as managers of enterprises or choose to start their own husinesses

### **Career Opportunities**

Assistant Manager Business Owner/Entrepreneur Enterprise Manager Princinal

Ellicipiise mulic	agoi i i i i i i i i i	
Technical Stud	ies (43 Credits)	Credits
10-101-104	QuickBooks Accounting Online	2
10-101-180	Financial Accounting 1	4
10-101-194	Payroll	2
10-102-103	Business Law 1	3
10-103-120	MS Office Suite, Introduction	2
10-104-117	Sales Principles	3
10-104-151	Marketing 1, Principles of	3
10-116-193	Human Resources, Introduction to	3
10-145-104	Entrepreneurship, Introduction to	3
10-145-105	Small Business Management	3
10-145-107	Building Your Business Model	2
	<del>-</del>	

10-145-108	Business Start-up & Launch Experience	3
10-145-109	Small Business Mentorship	1
10-145-115	Entrepreneurial Thinking	3
10-145-116	Financial Intelligence for Entrepreneurs	3
10-196-191	Supervision	3
General Studio	es (15 Credits)	
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-123	Math w Business Apps	3
10-809-195	Economics	3
10-809-198	Intro to Psychology	3
Electives (3 C	redits)	

### Electives (3 Credits) See an Academic Advisor.

### **Supply Chain Management** 10-182-1 Associate Degree • 62 Credits • Financial Aid Eligible • Appleton, Online Full Time and Part Time

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

### **Career Opportunities**

Buyer	Inventory Specialist
Logistics Coordinator	Materials Planner
Production Planner	Production Scheduler
Purchasina Agont	

Technical Stud	dies (47 Credits)	Credits
10-101-145	Spreadsheets, Beginning	1
10-101-152	Spreadsheets, Intermediate	1
10-102-112	Business, Introduction to	3
10-103-120	Microsoft Office	2
10-106-128	Data Optimization	2
10-116-155	Business Ethics	3
10-141-166	Intercultural Relations	3 3 1
10-156-111	Introduction to Al	1
10-182-118	Principles of Inventory Management	3
10-182-119		3
10-182-120		3
10-182-121		3
10-182-122		3 3 3 3
10-182-123	Supply Chain Career Exploration	1
10-182-130	Supply Chain Management Capstone	3
10-182-131		3
10-182-136		3
10-182-138		3 3 3 3
10-196-110		3
	<b>5 5</b>	
		3
		3
		3
10-809-195	Economics	3 3 3 3
10-809-199	Psychology of Human Relations	3
	10-101-145 10-101-152 10-102-112 10-103-120 10-106-128 10-116-155 10-141-166 10-156-111 10-182-118 10-182-120 10-182-121 10-182-122 10-182-123 10-182-133 10-182-136 10-182-138 10-196-110 General Stud 10-801-195 10-804-123 10-809-195	10-101-152 Spreadsheets, Intermediate 10-102-112 Business, Introduction to 10-103-120 Microsoft Office 10-106-128 Data Optimization 10-116-155 Business Ethics 10-141-166 Intercultural Relations 10-156-111 Introduction to Al 10-182-118 Principles of Inventory Management 10-182-119 Principles of Operations Planning 10-182-120 Principles of Manufacturing Management 10-182-121 Principles of Managing Operations 10-182-122 Principles of Distribution and Logistics 10-182-123 Supply Chain Career Exploration 10-182-130 Supply Chain Management Capstone 10-182-131 Fundamentals of Supply Chain Management 10-182-135 Systems and Technologies 10-182-136 Systems and Technologies 10-182-137 Purchasing Fundamentals 10-196-110 Cost Controls and Budgeting 10-801-195 Written Communication 10-801-196 Oral/Interpersonal Comm 10-804-123 Math w Business Apps 10-809-195 Economics

10-449-4

### **COMMUNICATIONS**

Communications, Professional	10-699-
Associate Degree • 61 Credits • Financial Aid Eligible •	Online
Full Time and Part Time	

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

areer	0p	portu	nities

Documentation Specialist	Grant Writer
Social Media Manager	Technical Writer
Training Specialist	Web Content Developer

iranning specialisi web content bevelop		per		
Technical Studies (40 Credits)		Credits		
10-103-120	MS Office Suite, Introduction	2		
10-104-108	Social Media Marketing	3		
10-104-151	Marketing 1, Principles of	3		
10-152-105	Web Graphics, Introduction to	3		
10-699-102	Intercultural Communication	3		
10-699-104	Research Methods for Prof. Communication			
10-699-105	Writing Content for the Web	3		
10-699-106	Proposal/Grant Writing	3		
10-699-112	Introduction to Professional Communication			
10-699-116	Developing Product Documentation	3		
10-699-117	Designing Content for the Web	3		
10-699-120	Information Design	3		
10-699-123	Video Publishing	1		
10-699-141	Professional Communications Internship	3		
10-890-100	College Success: On Course	1		
General Studio	General Studies (18 Credits)			
10-801-195	Written Communication	3		
10-801-196	Oral/Interpersonal Comm	3 3		
10-801-197	Technical Reporting	3		
10-804-107	College Mathematics	3 3 3		
10-809-195	Economics	3		
10-809-198	Intro to Psychology	3		
Electives (3 C	Electives (3 Credits)			

### Electives (3 Credits)

See an Academic Advisor.

### **OFFICE MANAGEMENT**

Office Coordinator NEW	31-106-3
------------------------	----------

Technical Diploma • 30 Credits • Not Financial Aid Eligible

Appleton, Online • Full Time and Part Time

As an Office Coordinator, you'll use standard office software, maintain records, schedule meetings, oversee office supplies, and coordinate office activities, while fostering professionalism, enhancing communication, and strengthening organizational abilities. Gain the knowledge and skills to manage office procedures, handle communication and support team members.

### **Career Opportunities**

Administrative Assistant	Administrative Coordinator
Operations Coordinator	Front Office Coordinator
Office Assistant	

Occupational	Specific (24 Credits)	Credits
10-101-104	QuickBooks Accounting Online	2
10-103-120	Microsoft Office	2
10-106-102	Business Engagement Tools	3
10-106-105	Office Operations	3
10-106-106	Office Operations Advanced	3
10-106-111	Event Management	3
10-106-117	Business Networking	2
10-106-120	Advanced Microsoft Office	3
10-106-121	Office Management Experience	2
10-106-199	Business Career Planning	1
Occupational Supportive (6 Credits)		
10-801-195	Written Communication	3
10-804-123	Math w Business Apps	3

# Office Management NEW 10-106-9 Associate Degree • 60 Credits • Financial Aid Eligible • Appleton, Online

Full Time and Part Time

As an Office Manager, you'll coordinate the daily operations of the office using your exceptional software skills, manage personnel, process payroll, utilize basic accounting principles, and lead projects and teams, all while building relationships and forming partnerships. The Office Management program prepares you to expand in your current position or pivot into a new career in any industry.

### **Career Opportunities**

Office Manager	Business Manager
Operations Manager	Office Administrator
Executive Assistant	

Executive Assis	IUIII	
Technical Studies (45 Credits)		Credits
10-101-104	QuickBooks Accounting Online	2
10-101-180	Financial Accounting 1	4
10-101-194	Payroll	2
10-103-120	Microsoft Office	2
10-106-102	Business Engagement Tools	3
10-106-105	Office Operations	3
10-106-106	Office Operations Advanced	3
10-106-108	Office Operations Mastery	3
10-106-111	Event Management	3
10-106-114	Connecting Digitally	3
10-106-117	Business Networking	2
10-106-119	Critical Thinking	2 3 3 3 3 3 2 3 3 2
10-106-120	Advanced Microsoft Office	3
10-106-121	Office Management Experience	2
10-106-126	Project Management Software	1
10-106-128	Data Optimization	2
10-106-199	Business Career Planning	1
10-116-193	Human Resources, Introduction to	3
General Studies (15 Credits)		
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-123	Math w Business Apps	3
10-809-195	Economics	3 3 3 3
10-809-199	Psychology of Human Relations	3

### Construction

Construction Management Technology 10-455-4
Associate Degree • 63 Credits • Financial Aid Eligible • Oshkosh
Full Time

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

### **Career Opportunities**

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

Technical Studi	es (45 Credits) C	redits
10-101-107	Accounting, Principles of	3
10-455-101	Site Layout and Construction (CMT)	2
10-455-102	Intro. to Construction Management (CMT)	1
10-455-103	<b>Understanding Construction Documents (CMT)</b>	1
10-455-104	Construction Engineering Fundamentals (CMT)	3
10-455-106	Construction Estimating (CMT)	2
10-455-107	Construction Management Internship (CMT)	2 2 2
10-455-108	Construction Contracts and Law (CMT)	2
10-455-109	Construction Scheduling (CMT)	2
10-455-110	Software Fundamentals for Construction (CMT	) 1
10-455-114	Construction Materials and Methods 1 (CMT)	2
10-455-115	Virtual Design and Construction (CMT)	2
10-455-117	Construction Materials and Methods Lab (CMT	) 4
10-455-120	Revit Architecture (CMT)	2
10-455-123	Construction Financial Management (CMT)	2
10-455-126	Mechanical, Electrical & Plumbing Systems (CMT	
10-455-127	Construction Safety Management (CMT)	2
10-455-130	Construction Materials and Methods 2 (CMT)	2
10-455-140	Construction Supervision (CMT)	
10-455-142	Sustainable Construction Practices (CMT)	1
10-455-150	Construction Project Management (CMT)	2
10-455-152	Industrialized Construction (CMT)	2
General Studies	s (18 Credits)	
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-113	College Technical Math 1A	3
10-806-143	College Physics 1	3 3 3 3
10-809-195	Economics	3
10-809-199	Psychology of Human Relations	3

### Construction Safety Technology

Associate Degree • 60 Credits • Financial Aid Eligible

Online • Full Time

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

### Career Opportunities

Construction Safety Technician Safety Engineering Technician

Technical Studies (38 Credits)		Credits
10-449-102	Regulatory Compliance	3
10-449-103	Accident Investigation	3
10-449-106	Construction Accident Prevention	
10-449-109	Industrial Fire Protection	3 3
10-449-115	Industrial Hygiene Concepts	3
10-449-116	Conducting EHS Training	1
10-449-118	Construction Hazard Recognition	3
10-449-120	Safety Management Systems	3 3
10-449-162	Fundamentals of Occupational Safety	3
10-449-168	Fall Protection	3
10-449-169	Material Handling in Construction	2
10-449-171	Trenching and Excavation Safety	1
10-449-185	Construction Compliance	3
10-806-134	General Chemistry	4
General Studies (19 Credits)		
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-113	College Technical Math 1A	3
10-806-198	Human Biology	4
10-809-197	Contemporary Amer Society	3
10-809-199	Psychology of Human Relations	3
Electives (3	Credits)	

### Electives (3 Credits) See an Academic Advisor.



### Construction, Residential Building

Technical Diploma • 39 Credits • Partially Financial Aid Eligible • Oshkosh

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

### **Career Opportunities**

Builder	<b>Building Material Salespers</b>
Carpenter	Expediter
Specialty Subcontractor (framer, roo	fer, sider, finish carpenter)

specially subconfluctor (frumer, rooter, stuer, missir curpenier)			
Occupational Specific (36 Credits)  Credits			
10-449-173	Construction Safety with OSHA 10	1	
31-409-317	Layout and Sawing Operations	2	
31-410-315	Introduction to AutoCAD-Construction	2	
31-410-330	Exterior Finish Principles (RBC)	2	
31-410-331	Interior Closure Principles (RBC)	2	
31-410-333	Interior Finish Principles, Basic (RBC)	3	
31-410-334	Interior Finish Principles, Intermediate (RBC	3	
31-410-335	Blueprint Reading & Estimating-Construction	1 2	
31-410-352	Frame Construction Principles (RBC)	3	
31-410-354	Exterior Finish Project (RBC)	3	
31-410-356	Interior Closure Project (RBC)	3	
31-410-358	Interior Finish Project, Basic (RBC)	3	
31-410-360	Interior Finish Project, Intermediate (RBC)	3	
31-410-362	Frame Construction Project (RBC)	3	
31-410-363	Residential Building Codes & Regulations (RE	C) 1	
Occupational Supportive (3 Credits)			
31-531-301	First Aid/CPR	1	
31-890-307	Workplace Reality	2	

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

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

See page 16 for more information.

### **Electricity**

31-410-7

31-413-1

Technical Diploma • 33 Credits • Financial Aid Eligible • Appleton Full Time

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

### **Career Opportunities**

cuicei Oppo	I IUIIIIIG3	
Data Communi	cations Installer Helper	Electrical Apprenticeship
Electrical Assen	nbly Worker .	Electrical Helper
Electrical Main	tenance Assistant	Electrical/Electronics Equip. Installer
Occupational	Specific (33 Credits)	Credits
31-413-301	Residential 1	3
31-413-302	Residential 2	3
31-413-303	Residential 3	3
31-413-304	Residential 4	3
31-413-305	Commercial 1	3
31-413-306	Commercial 2	3
31-413-307	Commercial 3	3
31-413-308	Commercial 4	3
31-413-309	Industrial 1	3
31-413-310	Industrial 2	3
31-413-318	Industrial 3	3



# **Culinary & Hospitality**

### **Baking & Pastry Management**

10-314-2

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

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

### **Career Opportunities**

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

roog Production	worker rood ketali manager	
Technical Studi	ies (45 Credits)	Credit
10-109-125	Hospitality Sales and Promotion	2
10-109-152	Introduction to Hospitality	3
10-314-109	Artisan Breads and Rolls	2
10-314-110	Baking Essentials	2
10-314-111	Advanced Cake Decorating 1	1
10-314-112	Baking and Pastry Operations 1	3 2 2 1 3
10-314-113	Baking Industry Experience	1
10-314-114	Plated Desserts	1
10-314-115	Advanced Cake Decorating 2	1
10-314-116	Chocolate	1
10-314-117	Healthy and Natural Baking	1
10-314-118	Baking and Pastry Operations 2	1 3 3 1
10-316-101	Food Production, Introduction to	3
10-316-118	Sanitation for Food Service Operations	1
10-316-119	Nutrition for Culinary Arts	1
10-316-120	Culinary Applications	1 2 2 2 3 3 2 2
10-316-121	Baking Basics	2
10-316-122	Baking Techniques	2
10-316-123	Hospitality Supervision	3
10-316-141	Food, Beverage and Labor Cost Controls	3
10-316-142	Catering and Special Event Planning	2
10-316-170	Science of Baking	2
10-316-172	Cake Production	1
10-316-173	Confections	1
10-316-174	Pastries	1
General Studio	es (15 Credits)	
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-123	Math w Business Apps	3
10-809-172	Introduction to Diversity Studies	3 3 3 3
10-809-198	Intro to Psychology	3
	, 5,	

# Baking and Pastry Production 31-314-3 Technical Diploma • 27 Credits • Financial Aid Eligible • Appleton Full Time and Part Time

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

### **Career Opportunities**

Baker	Bakery Clerk
Bakery Manager	Cake Decorator
Dough Mixer	Machine Operate
Mixer	Pastry Chef
Processor	Scalar

Occupational	Specific (27 Credits)	Credit
10-109-152	Introduction to Hospitality	3
10-314-109	Artisan Breads and Rolls	2
10-314-110	Baking Essentials	2
10-314-111	Advanced Cake Decorating 1	1
10-314-112	Baking and Pastry Operations 1	3
10-316-101	Food Production, Introduction to	3
10-316-118	Sanitation for Food Service Operations	1
10-316-119	Nutrition for Culinary Arts	1
10-316-120	Culinary Applications	2
10-316-121	Baking Basics	2
10-316-122	Baking Techniques	2
10-316-170	Science of Baking	2
10-316-172	Cake Production	1
10-316-173	Confections	1
10-316-174	Pastries	1

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

### **Culinary Arts**

10-316-1

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton Full Time and Part Time • Also Offered in an Accelerated Format

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

### **Career Opportunities**

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

Head Cook	Pastry Chef	
Restaurant/Food Service Manager Sous Chef		
Technical Studies (42 Credits) Cre		
10-109-125	Hospitality Sales and Promotion	2
10-109-152	Introduction to Hospitality	3
10-316-100	Culinary Internship	
10-316-110	Culinary Fundamentals	2 3 1
10-316-118	Sanitation for Food Service Operations	
10-316-119	Nutrition for Culinary Arts	1
10-316-120	Culinary Applications	2
10-316-121	Baking Basics	2
10-316-122	Baking Techniques	2 3
10-316-123	Hospitality Supervision	3
10-316-124	Culinary Skills Development	1
10-316-125	Culinary Foundations	1
10-316-133	Meat Identification	1
10-316-134	Restaurant Operations - Preparation	4
10-316-135	Restaurant Operations - Service	2
10-316-136	Quantity Cooking	4
10-316-137	Short Order Cooking	4
10-316-141	Food, Beverage and Labor Cost Controls	3
10-531-101	First Aid/CPR, Principles and Practices	1
General Studies (15 Credits)		
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-123	Math w Business Apps	3 3 3 3
10-809-196	Intro to Sociology	3
10-809-198	Intro to Psychology	3
Electives (3 Credits)		
Caa am Aaadamia	. Aduinar	

See an Academic Advisor.

### **Food Service Production**

31-303-2

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

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

### Career Opportunities

Baker	Banquet/Breakfast Cook
Caterer	Deli Worker
Food Sarvica Worker	Pron/Line Cook

Occupational S	Specific (24 Credits)	Credits	
10-109-152	Introduction to Hospitality	3	
10-316-110	Culinary Fundamentals	3	
10-316-118	Sanitation for Food Service Operations	1	
10-316-119	Nutrition for Culinary Arts	1	
10-316-120	Culinary Applications	2	
10-316-121	Baking Basics	2	
10-316-122	Baking Techniques	2	
10-316-125	Culinary Foundations	1	
10-316-133	Meat Identification	1	
10-316-136	Quantity Cooking	4	
10-316-137	Short Order Cooking	4	
Occupational Supportive (7 Credits)			
10-531-101	First Aid/CPR, Principles and Practices	1	
10-801-195	Written Communication	3	
10-804-123	Math w Business Apps	3	

Learn more about FVTC's Culinary program and hear Jaida's experience:

www.fvtc.edu/CulinarvVideo

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

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

### **Hospitality Management** Associate Degree • 60 Credits • Financial Aid Eligible • Appleton

Whether you're preparing for an important business meeting or wedding

reception, learn to create memorable experiences for customers through

operations, and dining room and food service operations skills for these

convention organizers and businesses, and coordinate tourism efforts for

communities. You'll learn about catering and special event planning, as

Caterina Manager Front Desk Supervisor

Meeting Planner/Tour Coordinator

Credits

well as hospitality law and liability. Tourism is an integral part of the

economy and creates a broad range of employment opportunities.

Hospitality Concept Development

Hospitality Sales and Promotion

Tourism: A Community Approach

Food Production, Introduction to Sanitation for Food Service Operations

Food, Beverage and Labor Cost Controls

Catering and Special Event Planning

Customer Service Management

Principles of Group Sales Introduction to Hospitality

**Culinary Applications** 

Hospitality Supervision

this degree program. Gain the necessary customer service, room

exciting careers. This degree program will also teach you to sell to

Full Time and Part Time

**Career Opportunities** Banquet Coordinator

Convention Sales Agent

Technical Studies (42 Credits)

Business Law 1 Microsoft Office

Room Operations

Hospitality Internship

Hospitality Security

Hotel Manager

10-102-103

10-103-120 10-109-105

10-109-111

10-109-118 10-109-119

10-109-125 10-109-126

10-109-131

10-109-140

10-109-152 10-316-101

10-316-118

10-316-120 10-316-123

10-316-141

10-316-142

See an Academic Advisor.

10-109-2

31-109-4

**Hospitality Specialist** Technical Diploma • 30 Credits • Financial Aid Eligible • Appleton Full Time and Part Time

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

### Career Opportunities

Casino, Bar or Restaurant Shift/Floor Supervisor

Tour Guide Meeting, Event or Convention Coordingtor Front Desk Representative Operations Specialist

Occupational	Specific (24 Credits)	Credits
10-109-111	Room Operations	3
10-109-126	Customer Service Management	3
10-109-131	Tourism: A Community Approach	3
10-109-152	Introduction to Hospitality	3
10-316-101	Food Production, Introduction to	3
10-316-118	Sanitation for Food Service Operations	1
10-316-120	Culinary Applications	2
10-316-123	Hospitality Supervision	3
10-316-142	Catering and Special Event Planning	2
10-531-101	First Aid/CPR, Principles and Practices	1
Occupational	Supportive (6 Credits)	
10-801-196	Oral/Interpersonal Comm	3
10-804-123	Math w Business Apps	3



First Aid/CPR, Principles and Practices 10-531-101 General Studies (15 Credits) 10-801-195 Written Communication 10-801-196 Oral/Interpersonal Comm 10-804-123 Math w Business Apps 10-809-198 Intro to Psychology Select a total of 3 credits from these options: 10-809-196 Intro to Sociology 10-809-172 Introduction to Diversity Studies Electives (3 Credits)

Find the most current information on all FVTC programs: www.fvtc.edu/Programs

### **Education & Human Services**

### **COUNSELING & MENTAL HEALTH SERVICES**

**Human Services** 

Associate Degree • 66 Credits • Financial Aid Eligible • Appleton Full Time • A Northcentral Technical College program offered at FVTC.

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

**Human Services Assistant** 

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

For details: www.fvtc.edu/Programs/Shared-Programs

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

For details: www.fvtc.edu/Programs/Shared-Programs

Want to continue your education beyond an associate degree?

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

### Substance Use Disorder Counseling

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

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

The Substance Use Disorder Counseling program meets the professional licensure or certification educational requirements for Wisconsin and the College is not aware of whether the program meets the requirements for other states.

### **Career Opportunities**

AODA Counselor Substance Abuse Counselor Treatment Specialist

noumon specialisi			
Technical Studies (44 Credits) Credit			
SUDC Clinical Preparation	2		
Cross-Cultural Counseling	3		
Introduction to the SUDC Profession	3 3 3 3 3		
Understanding Substance Use	3		
Foundations of Case Management	3		
Overview of Mental Health Disorders	3		
Group Facilitation	3		
Introduction to Interviewing & Counseling Ski	lls 3		
Psychopharmacology	3		
SUDC Assessment, Diagnosis and Treatment	3		
Family Systems	3 3 3 3 3		
Boundaries & Ethics - Helping Professions	3		
Clinical Experience I	3		
Clinical Experience II	3		
General Studies (16 Credits)			
Written Communication	3		
Oral/Interpersonal Comm	3		
Human Biology	4 3		
Intro to Sociology	3		
Intro to Psychology	3		
	SUDC Clinical Preparation Cross-Cultural Counseling Introduction to the SUDC Profession Understanding Substance Use Foundations of Case Management Overview of Mental Health Disorders Group Facilitation Counseling Theory Introduction to Interviewing & Counseling Skir Psychopharmacology SUDC Assessment, Diagnosis and Treatment Family Systems Boundaries & Ethics - Helping Professions Clinical Experience I Clinical Experience II ss (16 Credits) Written Communication Oral/Interpersonal Comm Human Biology Intro to Sociology		

### **EARLY CHILDHOOD & K12 EDUCATION**

**Assistant Teacher** 

30-307-6 Technical Diploma • 18 Credits • Financial Aid Eligible • Appleton, Online

The Assistant Teacher technical diploma will prepare you to work as a program assistant in a variety of early childhood settings. This degree is perfect for individuals working with children three to five years of age. You'll learn all about child development, positive strategies to guide behavior, safety and nutrition as well as social studies, art, music and movement curriculum development. Completion of this certificate will place you at Registry Level 9.

Due to program demand, licensure and certification requirements, and Wisconsin laws relating to residency, this program is currently not accepting out-of-state applicants.

### **Career Opportunities**

Preschool Assistant Assistant Teacher

School Age Assistant

Occupational	Specific (18 Credits)	Credits
10-307-108	ECE: Early Language & Literacy	3
10-307-110	ECE: Social Studies, Art, & Music	3
10-307-151	ECE: Infant & Toddler Development	3
10-307-167	ECE: Hlth Safety & Nutrition	3
10-307-179	ECE: Child Development	3
10-307-188	ECE: Guiding Child Behavior	3

### **Career and Technical Education Instruction**

Associate Degree • 65 Credits • Financial Aid Eligible • Appleton • Full Time

The Career and Technical Education Instruction program will prepare you to teach tech ed at various educational levels. You'll gain skills in greas like welding, construction, automotive, engineering, manufacturing, classroom management, and curriculum development. Upon graduation, you'll be prepared to teach tech ed courses to students at the middle and high school levels. See Admissions Additional Information for more licensure requirements that may be required.

Due to program demand, licensure and certification requirements, and Wisconsin laws relating to residency, this program is currently not accepting out-of-state applicants.

### **Career Opportunities**

Career and Technical Education Instructor Instructional Support Professional

Technical Studi	es (45 Credits)	Credits
10-152-105	Web Graphics, Introduction to	3
10-442-120	Related Welding	1
10-455-102	Introduction to Const. Management (CMT)	1
10-455-103	Understanding Construction Documents (CM)	r) 1
10-455-120	Revit Architecture (CMT)	2
10-455-127	Construction Safety Management (CMT)	2
10-522-106	EDU: Child and Adolescent Development	3
10-522-107	EDU: Overview of Special Education	3
10-522-141	Intro to Career & Technical Education Inst.	1
10-522-142	Occupational Co-op	1
10-522-145	Technical Education Field Experience 1	2
10-522-146	Technical Education Field Experience 2	2
10-602-100	Automotive Maintenance and Light Repair 1	4
10-602-101	Automotive Maintenance and Light Repair 2	4
10-606-139	Introduction to Autodesk Inventor	2

	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
	10-623-119	Manufacturing Processes with Lab	4
	10-623-121	Engineering Materials	3
	10-660-110	DC Circuits 1	1
	General Stud	ies (20 Credits)	
	10-801-195	Written Communication	3
,	10-801-196	Oral/Interpersonal Comm	3
	10-804-197	College Algebra & Trigonometry w/ Apps	5
	10-806-139	Survey of Physics	3
	10-809-166	Intro to Ethics: Theory & App	5 3 3
	10-809-198	Intro to Psychology	3

### **Early Childhood Education** 10-307-1

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

Love being around children? 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. Throughout the program, you will apply what you're learning in actual early childhood settings. Your career in early childhood education is just a hop, skip and

Due to program demand, licensure and certification requirements, and Wisconsin laws relating to residency, this program is currently not accepting out-of-state applicants

### **Career Opportunities**

Early Childhood Teacher **Educational Assistant** Family Child Care Provider Head Start Teacher Infant/Toddler Teacher Nanny Preschool Teacher **Paraprofessional** 

. ш. шр. стозологи		
Technical Stud	Credits	
10-307-108		3
10-307-110		3
10-307-112	ECE: STEM	3
10-307-148	ECE: Foundations of Early Childhood	3
10-307-151	ECE: Infant & Toddler Development	3
10-307-160	ECE: Field Experience 1	3
10-307-167	ECE: Hlth Safety & Nutrition	3
10-307-170	ECE: Field Experience 2	3
10-307-179	ECE: Child Development	3
10-307-187	ECE: Children w Diff Abilities	3 3 3 3 3 3 3
10-307-188	ECE: Guiding Child Behavior	3 3 3
10-307-190	ECE: Field Experience 3	3
10-307-195	ECE: Family & Community Relationships	3
10-307-210	ECE: Field Experience 4	3
General Studi	es (15 Credits)	
10-801-195		3
10-801-198	Speech	3
10-806-112	Principles of Sustainability	3 3 3 3
10-809-196	Intro to Sociology	3
10-809-198		3
Electives (3 Credits)		
See an Academi		

### **Early Childhood Teacher**

31-307-7 Technical Diploma • 27 Credits • Financial Aid Eligible • Appleton

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

Due to program demand, licensure and certification requirements, and Wisconsin laws relating to residency, this program is currently not accepting out-of-state applicants.

### **Career Opportunities**

Family Child C	are Assistant	Lead Intant Teach	er
	Specific (27 Cred	lits)	Credits
10-307-108	ECE: Early Langua	ge & Literacy	3
10-307-110	ECE: Social Studie	s, Art, & Music	3
10-307-148	ECE: Foundations	of Early Childhood	3
10-307-151	ECE: Infant & Tod	dler Development	3
10-307-160	ECE: Field Experie	nce 1	3
10-307-167	ECE: HIth Safety &	Nutrition	3
10-307-170	ECE: Field Experie	nce 2	3
10-307-179	ECE: Child Develor	oment	3
10-307-188	ECE: Guiding Child	l Behavior	3

### **Family & Consumer Sciences**

**Education Instruction** 

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

10-522-8

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

Due to program demand, licensure and certification requirements, and Wisconsin laws relating to residency, this program is currently not accepting out-of-state applicants.

### **Career Opportunities**

Before/After School Educator **High School Teacher** Middle School Teacher

Middle 201001 10	eacher raraprofessional	
Technical Studies (43 Credits)		
10-109-152	Introduction to Hospitality	3
10-304-110	Fundamentals of Design	3
10-304-125	Basic Interior Design	3
10-304-129	Textiles	3
10-307-179	ECE: Child Development	3
10-307-195	ECE: Family & Community Relationships	3
10-316-110	Culinary Fundamentals	3
10-316-118	Sanitation for Food Service Operations	1
10-316-119	Nutrition for Culinary Arts	1
10-316-125	Culinary Foundations	1
10-316-170	Science of Baking	2
10-522-103	<b>EDU: Introduction to Educational Practices</b>	3
10-522-105	EDU: Behavior Management	3
10-522-124	EDU: Supporting Students with Disabilities	3

10-522-150	EDU: Intro to Family & Consumer		
	Sciences Education	3	
10-522-151	EDU: Family & Consumer Sciences		
	Industry Co-Op	1	
10-522-152	EDU: Family & Consumer Sciences Practicum 1	2	
10-522-153	EDU: Family & Consumer Sciences Practicum 2		
General Studies (18 Credits)			
10-801-195	Written Communication	3	
10-801-198	Speech	3	
10-804-123	Math w Business Apps	3	
10-809-188	Developmental Psychology	3	
10-809-196	Intro to Sociology	3	
10-809-198	Intro to Psychology	3	

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

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton

As a professional educator, you'll work directly with elementary and middle school students under the supervision of a licensed teacher. Your training will include helping children with math, science, reading, language arts, and social studies. You will also implement classroom management and individual instructional plans, which may involve students who have special needs. Other topics covered include school structure, Department of Public Instruction requirements, special education laws, and instructional theories and methodology. Learn to create and implement lesson plans, assess students, evaluate student assessment results to drive instruction, work with small and large groups of students, and instruct students using technology. As a graduate, you may work as a paraprofessional or substitute teacher, or pursue transfer opportunities to earn a bachelor's degree and licensure in education.

Due to program demand, licensure and certification requirements, and Wisconsin laws relating to residency, this program is currently not accepting out-of-state applicants.

### **Career Opportunities**

Instructional Assistant **Paraprofessional** Substitute Teacher

Technical Studies (42 Credits)			
10-522-102	EDU: Techniques in Reading	3	
10-522-103	<b>EDU: Introduction to Educational Practices</b>	3	
10-522-104	EDU: Technology in Education	3 3	
10-522-105	EDU: Behavior Management		
10-522-106	EDU: Child and Adolescent Development	3 3 3	
10-522-107	EDU: Overview of Special Education	3	
10-522-112	EDU: Equity in Education	3	
10-522-114	EDU: Techniques in Language Arts	3	
10-522-118	EDU: Techniques in Math	3	
10-522-119	EDU: Techniques in Social Studies	3 3 3 3	
10-522-120	EDU: Techniques in Science	3	
10-522-124	EDU: Supporting Students with Disabilities	3	
10-522-129	EDU: Practicum 1	3	
10-522-131	EDU: Practicum 2	3	
General Studies (18 Credits)			
10-801-136	English Composition 1	3	
10-801-196	Oral/Interpersonal Comm		
10-804-123	Math w Business Apps	3 3 3	
10-809-172	Introduction to Diversity Studies	3	
10-809-196	Intro to Sociology	3	
10-809-198	Intro to Psychology	3	

### **SERVICE CAREERS**

Aesthetician — Basic 30-502-2 Technical Diploma • 18 Credits • Financial Aid Eligible • Appleton

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

Due to program demand, licensure and certification requirements, and Wisconsin laws relating to residency, this program is currently not accepting out-of-state applicants.

### **Career Opportunities**

Aesthetician Cosmetics Representative **Esthetician** Makeup Artist Skin Care Specialist

Occupational	Specific (18 Credits)	Credits
10-502-101	Aesthetic Spa Services 1 - Beginner	2
10-502-102	Aesthetic Spa Services 2 - Intermediate	2
10-502-104	Aesthetic Treatments	3
10-502-105	Aesthetician Mock Board Prep and Assessmen	t 1
10-502-108	Facial Treatments	3
10-502-109	Hair Removal Techniques	1
10-502-110	Make-up Techniques '	1
10-502-111	Aesthetic Theory	1
10-502-123	Aesthetic Spa Services 3 - Advanced	2
10-502-156	Aesthetic Spa Sciences	2

### Cosmetology 31-502-1

Technical Diploma • 38 Credits • Financial Aid Eligible • Appleton

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

Due to program demand, licensure and certification requirements, and Wisconsin laws relating to residency, this program is currently not accepting out-of-state applicants.

### **Career Opportunities**

Cosmetologist Barber Hairdresser Hair Stylist Nail Technician

Occupational	Credits	
31-502-301	Salon Theory and Ecology	2
31-502-302	Basic Cut and Style	4
31-502-303	Basic Texture and Color	5
31-502-304	Salon Client Services 1 - Introductory	3
31-502-305	Advanced Cut and Style	4
31-502-306	Advanced Texture and Color	4

31-502-307	Facials and Skin Care	
31-502-308	Salon Business and Professional Development	
31-502-309	Salon Client Services 2 - Intermediate	,
31-502-310	Salon Client Services 3 - Advanced	,
31-502-311	Cosmetology State Board Prep & Assessment	
31-502-330	Salon Management Skills	
31-502-374	Nails	
31-502-378	Cosmetology Sales & Marketing	

### **Funeral Service**

10-528-1

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

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

For details: www.fvtc.edu/Programs/Shared-Programs



Master Aesthetician 10-502-1

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton

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

Due to program demand, licensure and certification requirements, and Wisconsin laws relating to residency, this program is currently not accepting out-of-state applicants.

### **Career Opportunities**

Aesthetician Esthetician Makeun Artist Oncology Aesthetician

Makeup Artist	Uncology Aestheticia	n
Paramedical Aesthetician Skin Care Specialist		
Technical Studi	es (41 Credits)	Credit
10-502-101	Aesthetic Spa Services 1 - Beginner	2
10-502-102	Aesthetic Spa Services 2 - Intermediate	2 3
10-502-104	Aesthetic Treatments	
10-502-105	Aesthetician Mock Board Prep & Assessmen	
10-502-107	Advanced Aesthetic Treatments & Massage	1
10-502-108	Facial Treatments	3
10-502-109	Hair Removal Techniques	1
10-502-110	Make-up Techniques	1
10-502-111	Aesthetic Theory	1
10-502-112	Medical Spa Aesthetics	2
10-502-113	Laser Theory and Applications	2
10-502-114	Laser Treatments and Procedures	2 2 2 2 2
10-502-115	Advanced Make-up Techniques	2
10-502-116	Advanced Aesthetics Clinic 1-Introductory	2
10-502-117	Advanced Facial Treatments	1
10-502-118	Advanced Body Treatments	1
10-502-119	Advanced Aesthetics Clinic 2 - Intermediate	3 2
10-502-120	Medical Conditions and Care	2
10-502-121	Trends in Approaches to Skin Care	1 3 2
10-502-122	Advanced Aesthetics Clinic 3 - Mastery	3
10-502-123	Aesthetic Spa Services 3 - Advanced	
10-502-125	Anatomy & Physiology Aesthetics	1
10-502-156	Aesthetic Spa Sciences	2
General Studio	es (19 Credits)	
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-107	College Mathematics	3 3 4 3 3
10-806-134	General Chemistry	4
10-809-166	Intro to Ethics: Theory & App	3
10-809-199	Psychology of Human Relations	3

### Therapeutic Massage

Technical Diploma • 17 Credits • Financial Aid Eligible • Appleton

30-537-1

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.

Due to program demand, licensure and certification requirements, and Wisconsin laws relating to residency, this program is currently not accepting out-of-state applicants.

### **Career Opportunity** Massage Therapist

Occupational	Specific (17 Credits)	Credits
31-537-301	Therapeutic Massage - Musculoskeletal Anaton	ıy 2
31-537-303	Therapeutic Massage Foundations 2	4
31-537-305	Therapeutic Massage - Kinesiology	2
31-537-306	Therapeutic Massage - Specialized Techniques	2
31-537-310	Therapeutic Massage Foundations 1	3
31-537-311	Anatomy & Physiology - Therapeutic Massage	2
31-537-312	Therapeutic Massage Clinic	2

Want to continue your education beyond an associate degree?

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

# **Engineering Technologies**

### **ELECTRICAL & ELECTRONICS**

**Electrical Engineering Technology** 

10-662-1

Associate Degree • 70 Credits • Financial Aid Eligible • Appleton Full Time and Part Time

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

### **Career Opportunities**

Electrical Engineering Technician Electronics Technician Engineering Test Technician Field Service Technician Product Davalonar

Security & Surveillance Technician

Product Develope	er Security & Surveillance	lechn
Technical Studi	es (49 Credits)	Cre
10-605-119	Linear Electronics	3
10-605-141	LabVIEW Graphical Programming	2
10-605-155	Product Testing/Systems	
10-605-162	Electronics Final Project	2
10-628-151	PLC 1	1
10-628-152	PLC 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
10-660-170	Ladder Logic & Control Devices	1
10-662-101	Digital Electronics Design 1	3
10-662-102	Essential Engineering Software	1
10-662-103	Circuit Construction Techniques	1
10-662-105	Advanced Circuits	
10-662-107	DC/AC Circuit Analysis 2	3
10-662-108	Semiconductor Devices	3
10-662-109	Programming for Electrical Engineering	3
10-662-110	Digital Electronics Design 2	
10-662-134	Embedded Systems	4
10-662-140	Data Communications and Networking	3
10-804-181	Calculus 2	
10-804-198	Calculus 1	4
General Studie	es (21 Credits)	
10-801-195	Written Communication	3 4
10-801-197	Technical Reporting	3
10-804-118	Intermediate Algebra with Applications	
10-804-197	College Algebra & Trigonometry w/Apps	3
10-809-196	Intro to Sociology	3
10-809-198	Intro to Psychology	3

### **Electronic Engineering Technology**

10-605-7

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

Electronic engineering technicians assist with research, evaluation, design and quality control processes as well as the manufacturing and deployment of equipment for automation. This broad-based degree program will prepare you for many in-demand, high-paying career fields where you'll evaluate and test products using measuring and diagnostic devices to adjust and repair equipment. Your training will also include a foundation in electronics, industrial control with motors. drives and PLCs, embedded C and LabVIEW programming, and PCB design and assembly. With our transfer agreements with four-year colleges, you can go on to pursue a bachelor's degree.

### **Career Opportunities**

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

maosman rotimetan		
Technical Stud	lies (39 Credits)	Credits
10-605-119	Linear Electronics	3
10-605-141	LabVIEW Graphical Programming 2	
10-605-155	Product Testing/Systems	1
10-605-161	Electronic Design Techniques	2
10-620-142	Motors and Drives 2	1
10-620-148	Motors and Drives 1	1
10-628-151	PLC 1	1
10-628-152	PLC 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
10-662-101	Digital Electronics Design 1	3
10-662-102	Essential Engineering Software	1
10-662-103	Circuit Construction Techniques	1
10-662-107	DC/AC Circuit Analysis 2	3
10-662-108	Semiconductor Devices	3
10-662-109	Programming for Electrical Engineering	3
10-662-134	Embedded Systems	4
10-662-140	Data Communications and Networking	3
Select a total of	2 credits from these options:	
10-605-193	Internship 2 - Electronics	2
10-605-162	Electronics Final Project	2
General Studi	es (21 Credits)	
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-118	Intermediate Algebra with Applications	4
10-804-197	College Algebra & Trigonometry w/Apps	
10-809-196	Intro to Sociology	5 3 3
10-809-198	Intro to Psychology	3
	1	

### **MANUFACTURING & AUTOMATION**

### **Automated Manufacturing Systems Technology**

10-628-3

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

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

### **Career Opportunities**

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

i i ojeci munuyen	KODONC IGCIIIICIUII	
<b>Technical Studi</b>	es (41 Credits)	Credits
10-449-188	Essentials of Manufacturing Safety	1
10-620-111	Pneumatics 1	1
10-620-112	Pneumatics 2	1
10-620-132	Industrial Electrical Applications	1
10-620-142	Motors and Drives 2	1
10-620-148	Motors and Drives 1	1
10-620-164	Elements of Machines 1	1
10-620-165	Elements of Machines 2	1
10-620-188	System Troubleshooting	1
10-628-101	Concepts of Programming for Technicians	1
10-628-113	Electronic Construction Applications	1
10-628-151	PLC 1	1
10-628-152	PLC 2	1
10-628-153	PLC 3	1
10-628-154	PLC 4	1
10-628-155	PLC 5	1
10-628-159	Operator Interfaces	1
10-628-161	Robotics 1	1
10-628-162	Robotics 2	1
10-628-163	Robotics Integration	1
10-628-171	Instrumentation & Process Control 1	]
10-628-172	Instrumentation & Process Control 2	1
10-628-173	Instrumentation & Process Control 3	1
10-628-176	Enterprise Integration 1	1
10-628-177	Enterprise Integration 2	1
10-628-181	Visual Basic Programming 1	1
10-628-182	Visual Basic Programming 2	1
10-628-187	AutoCAD Fundamentals	ļ
10-628-188	Blueprint Reading & AutoCAD	1
10-628-194	Cell Integration	4
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

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

10-660-170	Ladder Logic & Control Devices	1
10-660-181	Technical Software Essentials	1
10-660-184	Computer Systems & Networks 1	1
10-660-185	Computer Systems & Networks 2	1
<b>General Studie</b>	es (18 Credits)	
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-113	College Technical Math 1A	3
10-804-133	Math & Logic	3
10-809-195	Economics	3
10-809-199	Psychology of Human Relations	3
Elective (1 Credit)		
See an Academic Advisor.		
	10-660-181 10-660-184 10-660-185 <b>General Studio</b> 10-801-195 10-804-113 10-804-133 10-809-195 10-809-199 <b>Elective (1 Cre</b>	10-660-181 Technical Software Essentials 10-660-184 Computer Systems & Networks 1 10-660-185 Computer Systems & Networks 2  General Studies (18 Credits) 10-801-195 Written Communication 10-801-196 Oral/Interpersonal Comm 10-804-113 College Technical Math 1A 10-804-133 Math & Logic 10-809-195 Economics 10-809-199 Psychology of Human Relations Elective (1 Credit)

### **Electro-Mechanical Technology**

10-620-1

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton, Oshkosh Full Time and Part Time

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

### **Career Opportunities**

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

Technical Studi	es (40 Credits)	Credits
10-449-188	Essentials of Manufacturing Safety	1
10-620-111	Pneumatics 1	1
10-620-112	Pneumatics 2	1
10-620-113	Hydraulics 1	1
10-620-114	Hydraulics 2	1
10-620-142	Motors and Drives 2	1
10-620-148	Motors and Drives 1	1
10-620-164	Elements of Machines 1	1
10-620-165	Elements of Machines 2	1
10-620-187	Sensors	1
10-620-188	System Troubleshooting	1
10-620-189	Electromechanical Systems 1	1
10-620-190	Advanced AC/DC Variable Speed Drives	1
10-620-192	Advanced Programmable Logic Controllers	1 1
10-620-193	Advanced Programmable Logic Controllers	2 1
10-628-101	Concepts of Programming for Technicians	1
10-628-113	Electronic Construction Applications	1
10-628-151	PLC 1	1
10-628-152	PLC 2	1
10-628-153	PLC 3	1
10-628-154	PLC 4	1
10-628-155	PLC 5	1
10-628-159	Operator Interfaces	1
10-628-161	Robotics 1	1

	-	
Instrumentation & Process Control 1	]	
Instrumentation & Process Control 2	1	
Instrumentation & Process Control 3	1	
AutoCAD Fundamentals	1	
Blueprint Reading & AutoCAD	1	
DC Circuits 1	1	
DC Circuits 2	1	
DC Circuits 3	1	
AC Circuits 1	1	
Semiconductors 1	1	
Semiconductors 2	1	
Ladder Logic & Control Devices	1	
Technical Software Essentials	1	
Computer Systems & Networks 1	1	
Computer Systems & Networks 2	1	
es (18 Credits)		
	3	
	3	
Math & Logic	3 3 3 3	
Economics	3	
Psychology of Human Relations	3	
Saa an Acadamic Advisor		
	Instrumentation & Process Control 2 Instrumentation & Process Control 3 AutoCAD Fundamentals Blueprint Reading & AutoCAD DC Circuits 1 DC Circuits 2 DC Circuits 3 AC Circuits 1 Semiconductors 1 Semiconductors 2 Ladder Logic & Control Devices Technical Software Essentials Computer Systems & Networks 1 Computer Systems & Networks 2 es (18 Credits) Written Communication Oral/Interpersonal Comm College Technical Math 1A Math & Logic Economics Psychology of Human Relations eedits)	

10-628-162

Robotics 2

See an Academic Advisor.

### Manufacturina Engineering Technology 10-623-3 Associate Degree • 61 Credits • Financial Aid Eligible • Appleton Full Time and Part Time

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

### **Career Opportunities**

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

Technical Studies (44 Credits) Cre		
10-449-188	Essentials of Manufacturing Safety	1
10-606-119	Statics and Strength of Materials	3
10-606-121	Elements of Machine Design	3
10-620-111	Pneumatics 1	1
10-620-113	Hydraulics 1	1
10-620-164	Elements of Machines 1	1
10-620-165	Elements of Machines 2	1
10-623-120	Computer-Aided Manufacturing	4
10-623-121	Engineering Materials	3
10-623-131	Tool Design	3
10-623-132	Project Management	3
10-623-156	Manufacturing Cost Analysis	3

Learn more about a career as a manufacturing or industrial engineer:www.fvtc.edu/EngineerDegree

Electrical Concepts & Components	2
Lean Process Design	3
Graphics & Software Applications	4
Automation for MfgET	3
Lean Tools	2
Manufacturing Processes for MfgET	3
s (17 Credits)	
Written Communication	3
Oral/Interpersonal Comm	3
College Algebra & Trigonometry w/Applications	5
Economics	3
Intro to Psychology	3
	Lean Process Design Graphics & Software Applications Automation for MfgET Lean Tools Manufacturing Processes for MfgET s (17 Credits) Written Communication Oral/Interpersonal Comm College Algebra & Trigonometry w/Applications Economics

### **Quality Engineering Technology** 10-623-9 Associate Degree • 60 Credits • Financial Aid Eligible • Appleton. Online Full Time and Part Time

Meeting customer expectations is of vital importance to the success of every organization. In the Quality Engineering Technology program, you'll gain the skills necessary to engage in continuous improvement activities as well as traditional quality and inspection duties. You'll learn how to use structured problem-solving methodologies including Six Sigma, 8D and PDSA (Plan-Do-Study-Act) to identify root causes and implement corrective actions. You'll also learn to apply the tools and techniques that support these methodologies. This program allows specialization in either industrial manufacturing where product inspection and measurement takes place or in food and paper processing where laboratory work is more common.

### **Career Opportunities**

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

Technical Studies (39 Credits)		
10-623-106	Interpretation of Engineering Drawings	2
10-623-115	Quality Audits	3
10-623-132	Project Management	3
10-623-137	Applied Statistical Analysis 1	3
10-623-138	Applied Statistical Analysis 2	3
10-623-148	Manufacturing Processes	3
10-623-155	Transformational Leadership	3
10-623-157	Problem Solving Methodologies	3
10-623-165	Project Application	3 3 3 3 3 3 3 3 3 3
10-623-166	Supplier Mgmt. & Performance Monitoring	3
10-623-173	Metrology, Inspection & Testing	3
10-623-175	Advanced Inspection Techniques	2
10-623-191	Lean Events	3
10-623-195	Lean Tools	2
General Studi	es (15 Credits)	
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-107	College Mathematics	3
10-809-195	Economics	3 3 3 3
10-809-198	Intro to Psychology	3
Electives (6 Credits)		
See an Academic Advisor.		

### **Quality Technician**

30-623-6

Technical Diploma • 20 Credits • Financial Aid Eligible • Online Full Time and Part Time

Get your foot in the door to a great career working in manufacturing quality. This program will prepare you for inspecting manufactured parts, including the reading of engineering drawings and using common measurement tools. You'll also learn how to implement process improvements and corrective actions. After completing this technical diploma, credits earned will apply toward the Quality Engineering Technology associate degree.

### **Career Opportunities**

Inspector	Quality Inspector
Quality Responder	Quality Specialist
Quality Tachnician	, ,

Quality reclinician			
	Occupational	Specific (14 Credits)	Credits
	10-623-106	Interpretation of Engineering Drawings	2
	10-623-115	Quality Audits	3
	10-623-148	Manufacturing Processes	3
	10-623-157	Problem Solving Methodologies	3
	10-623-173	Metrology, Inspection & Testing	3
Occupational Supportive (6 Credits)			
	10-801-195	Written Communication	3
	10-804-107	College Mathematics	3

Looking for opportunities beyond an associate degree?

See page 16 for more information.

### **MECHANICAL DESIGN**

### **Mechanical CAD Drafting**

31-606-3

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

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

### **Career Opportunities**

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

Inventor Operato	r Mechanical Detailer/Dro	ıfter
Occupational S	pecific (21 Credits)	Credits
10-606-141	Introduction to SolidWorks	2
10-606-151	Sketching and the Design Process	1
10-606-152	CAD and Geometric Constructions	1
10-606-153	Multiview Projections	1
10-606-154	Section Views and Auxiliary Views	1
10-606-155	Dimensioning and Tolerancing	1
10-606-156	Threads and Fasteners	1
10-606-157	Gears and Cams	1
10-606-158	Working Drawings	1
10-606-159	Structural and Piping Drafting	1
10-606-160	AutoCAD Mechanical	1
10-623-119	Manufacturing Processes with Lab	4
10-804-197	College Algebra & Trigonometry w/ Apps	5
Occupational Supportive (6 Credits)		
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3



### Mechanical Design Technology

10-606-1

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

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

### **Career Opportunities**

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

Technical Stud	lies (40 Credits)	Credits
10-420-120	Metallurgy-Mechanical Design	1
10-606-109	Geometric Dimensioning and Tolerancing	2
10-606-111	Design Problems	4
10-606-115	Design of Tooling	4
10-606-119	Statics and Strength of Materials	3
10-606-121	Elements of Machine Design	3
10-606-123	Kinematics	4
10-606-141	Introduction to SolidWorks	2
10-606-151	Sketching and the Design Process	1
10-606-152	CAD and Geometric Constructions	1
10-606-153	Multiview Projections	1
10-606-154	Section Views and Auxiliary Views	1
10-606-155	Dimensioning and Tolerancing	1
10-606-156	Threads and Fasteners	1
10-606-157	Gears and Cams	1
10-606-158	Working Drawings	1
10-606-159	Structural and Piping Drafting	1
10-606-160	AutoCAD Mechanical	1
10-623-119	Manufacturing Processes with Lab	4
10-806-144	College Physics 2	3
General Studi	ies (17 Credits)	
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-197	College Algebra & Trigonometry w/ Apps	5
10-809-103	Think Critically & Creatively	3 3 5 3
10-809-199	Psychology of Human Relations	3
Electives IA C		

### Electives (4 Credits)

See an Academic Advisor.

# SAFETY, ENERGY & ENVIRONMENTAL

### **Safety Engineering Technology**

10-449-3

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

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

### Career Opportunities

Customer Care Specialist Environmental Health & Safety Technician Safety Coordinator Safety Trainer

Julety Hulliel		
Technical Stu	dies (38 Credits)	Credits
10-449-102	Regulatory Compliance	3
10-449-103	Accident Investigation	3
10-449-109	Industrial Fire Protection	3
10-449-115	Industrial Hygiene Concepts	3
10-449-116	Conducting EHS Training	1
10-449-119	Ergonomics	3
10-449-120	Safety Management Systems	3
10-449-134	Environmental Laws & Regulations in In	dustry 3
10-449-162	Fundamentals of Occupational Safety	<sup>*</sup> 3
10-449-181	Safety Engineering and Technology	3
10-449-183	Hazardous Materials Management	3
10-449-185	Construction Compliance	3
10-806-134	General Chemistry	4
General Stud	lies (19 Credits)	
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-113	College Technical Math 1A	3 3 3
10-806-198	Human Biology	4
10-809-197	Contemporary Amer Society	3
10-809-199	Psychology of Human Relations	3

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

See an Academic Advisor.

## General Studies, Languages & Cultures

### **GENERAL STUDIES**

Individualized Technical Studies	10-825-1
Associate Degree • 60-70 Credits • Financial Aid Eligible •	Appleton, Online
Full Time and Part Time	

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

# University Transfer Associate of Arts 20-800-1 Associate of Arts • 61 Credits • Financial Aid Eligible • Appleton, Online, Oshkosh

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

,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	es (47 Credits)	Credits
Select 1 credit fi	rom these options	
10-807-103	Stress Management: Fitness for Life	1
10-807-102	Nutrition for Life	1
Select 1 course	from these options	
10-802-171	Spanish 1	4
10-802-174	Japanese 1	4
94-802-010	World Language-1 Year High School	0
Select a total of	3 credits from these options	
10-804-135	Quantitative Reasoning	3
10-804-189	Introductory Statistics	3
10-804-197	College Algebra and Trigonometry w/App	s 5
Select a total of	9 credits from these options	
10-801-223	English Composition 2	3
10-801-198	Speech	3
10-801-136	English Composition 1	3
Select 1 course	from these options	
10-803-114	Native American History	3
10-140-160	Cross-Cultural Experience	3 3 3
10-801-145	Ethnic Literature	3
10-809-172	Introduction to Diversity Studies	3
Select a total of	8 credits from these options	
10-806-198	Human Biology	4
10-806-105	Principles of Animal Biology	4
10-806-164	General Physics 2	4
10-806-154	General Physics 1	4
10-806-186	Intro to Biochemistry	4
10-806-135	College Chemistry 1	5

10-806-114	General Biology	4
10-806-177	Gen Anatomy & Physiology	4
10-806-134	General Chemistry	4
Select a total of	12 credits from these options	
10-802-171	Spanish 1	4
10-809-103	Think Critically & Creatively	
10-801-133	Children's Literature	3 3 3
10-809-166	Intro to Ethics: Theory & App	3
10-802-172	Spanish 2	4
10-802-174	Japanese 1	4
10-810-100	Spanish and Latin American Cinema	
10-801-140	Introduction to Literature	3 3 3
10-801-154	Contemporary Literature	3
10-802-175	Japanese 2	4
10-805-101	Music Appreciation	3
10-801-145	Ethnic Literature	3
Select a total of	12 credits from these options	
10-809-122	Introduction to American Government	3
10-809-159	Abnormal Psychology	3
10-809-143	Microeconomics	3
10-809-198	Intro to Psychology	3
10-803-114	Native American History	3
10-809-196	Intro to Sociology	3
10-809-154	Educational Psychology	3
10-803-111	US History to 1877	3
10-809-188	Developmental Psychology	3
10-803-112	US History Since 1877	3 3 3 3 3 3 3 3 3
10-809-144	Macroeconomics	3
10-809-172	Introduction to Diversity Studies	3
Hactives /16 C	rodita)	

Electives (16 Credits)
See an Academic Advisor.



# University Transfer Associate of Science 20-800-2 Associate of Science • 61 Credits • Financial Aid Eligible Appleton. Online. Oshkosh • Full Time and Part Time

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

	es (48 Credits)	Credits
	rom these options	
10-807-103		1
10-807-102	Nutrition for Life	1
	rom these options	
10-803-114	Native American History	3 3
10-803-111	US History to 1877	3
10-803-112	US History Since 1877	3
Select 1 course	from these options	
10-802-171	Spanish 1	4
10-802-174	Japanese 1	4
94-802-010	World Language-1 Year High School	0
Select a total of	9 credits from these options	
10-801-223	English Composition 2	3
10-801-198	Speech	3
10-801-136	English Composition 1	3
Select 1 course	from these options	
10-806-197	Microbiology	4
10-806-179	Adv Anatomy & Physiology	4
10-806-186	Intro to Biochemistry	4
10-806-114	General Biology	4
10-806-177	Gen Anatomy & Physiology	4
Select 1 course	from these options	
10-804-189	Introductory Statistics	3
10-804-182	Calculus 3	4
10-804-197	College Algebra and Trigonometry w/App	
10-804-181	Calculus 2	4
10-804-198	Calculus 1	4
Select 1 course	from these options	
10-806-158	Calculus Physics 1 Enhancement	1
10-806-136	College Chemistry 2	5
10-806-164	General Physics 2	4
10-806-154	General Physics 1	4
10-806-135	College Chemistry 1	5
10-806-134	General Chemistry	4
	onoral chombin	•

Learn about the University Transfer Degree Programs: www.fvtc.edu/UniversityTransferVideo

S	Select a total of	6 credits from these options
		ro to Ethics: Theory & App
		ldren's Literature
1	0-140-160 Cros	ss-Cultural Experience
		oduction to Literature
1	0-801-154 Con	temporary Literature
	0-801-145 Eth	
S	Select a total of	6 credits from these options
	0-809-143 Mic	•
1	0-809-159 Abr	normal Psychology
		ro to Psychology
		ive American History
	0-809-196	Intro to Sociology '
	0-809-154	Educational Psychology
1	0-803-111	US History to 1877
1	0-809-144	Macroeconomics
1	0-803-112	US History Since 1877
1	0-809-188	Developmental Psychology
S	Select a total of	20 credits from these options
1	0-806-197	Microbiology
1	0-806-164	General Physics 2
1	0-804-182	Calculus 3
1	0-804-181	Calculus 2
1	0-806-114	General Biology
1	0-804-198	Calculus 1
1	0-806-134	General Chemistry
1	0-806-158	Calculus Physics 1 — Enhancement
1	0-806-136	College Chemistry 2
1	0-806-179	Adv Anatomy & Physiology
1	0-804-189	Introductory Statistics
1	0-806-154	General Physics 1
1	0-804-197	College Algebra and Trigonometry w/Apps
1	0-806-186	Intro to Biochemistry
1	0-806-135	College Chemistry 1
1	0-806-177	Gen Anatomy & Physiology
9	Suggested Elec	tives (15 Credits)

Suggested Electives (15 Credits)
See an Academic Advisor.

Want to continue your education beyond an associate degree?

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

### **Health Science**

Dental Assistant 31-508-1
Technical Diploma • 33 Credits • Partially Financial Aid Eligible
Appleton • Full Time

As a dental assistant, you are an integral member of the dental health team. With this diploma, you'll be ready to give chairside assistance and conduct lab procedures under the direction of the dentist. Learn how to disinfect and sterilize dental instruments, record dental histories and vital signs, and manage dental and medical emergencies. You will also become familiar with dental procedures, equipment and radiographs. Your training will prepare you to perform basic office and laboratory procedures. At the end of this program, you'll have the opportunity to achieve certification by taking and passing the Dental Assistant National Board. The Dental Assistant Program at FVTC is accredited by the Commission on Dental Accreditation.

The state of Wisconsin does not require a professional licensure or certification to be employed as a dental assistant within the state. Some other states may require professional licensure or certification to be employed.

### **Career Opportunities**

Dental Insurance Claim Representative
Dental Laboratory Assistant/Technician
Dental Treatment Coordinator
Specialty Dental Assistant
Dental Receptionist

Specialty Denta	II ASSISTANT	
Occupational	Specific (30 Credits)	Credits
10-508-101	Dental Health Safety	1
10-508-103	Dental Radiography	2
10-508-113	Dental Materials	2
10-508-120	Dental Office Management	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
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

### Dental Hygienist 10-508-1

Associate Degree • 70 Credits • Financial Aid Eligible • Appleton • Full Time

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

Due to program demand, licensure and certification requirements, and Wisconsin laws relating to residency, this program is currently not accepting out-of-state applicants.

### **Career Opportunity**

Registered Dental Hygienist (RDH)

3	73	
Technical Studies (43 Credits)		
10-508-101	Dental Health Safety	1
10-508-102	Oral Anatomy, Embry, Histology	4
10-508-103	Dental Radiography	2
10-508-105	Dental Hygiene Process 1	4
10-508-106	Dental Hygiene Process 2	4
10-508-107	Dental Hygiene Ethics & Professionalism	1
10-508-108	Periodontology	3
10-508-109	Cariology	1
10-508-110	Nutrition and Dental Health	2 3 5
10-508-111	General & Oral Pathology	3
10-508-112	Dental Hygiene Process 3	
10-508-113	Dental Materials	2 2
10-508-114	Dental Pharmacology	2
10-508-115	Community Dental Health	2
10-508-117	Dental Hygiene Process 4	4
10-508-118	Dental Anxiety and Pain Management	2
10-508-130	Dental Hygiene, Transition into Practice	1
General Studies (27 Credits)		
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-806-177	Gen Anatomy & Physiology	4
10-806-186	Intro to Biochemistry	4
10-806-197	Microbiology	4
10-809-188	Developmental Psychology	3
10-809-196	Intro to Sociology	3
10-809-198	Intro to Psychology	3 3
	, ,,	

### **Health Information Technology** 10-530-1 Associate Degree • 61 Credits • Financial Aid Eligible • Online

Full Time and Part Time

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

### **Career Opportunities**

Cancer Registrar

Health Data Analyst
Insurance Claims Analyst
Patient Information Coordinator

Patient Information Coordinator

Revenue Cycle Auditor

Technical Studies (40 Credits)		
10-501-101	Medical Terminology	3
10-501-107	Digital Literacy for Healthcare	2
10-530-120	Intro to Medical Reimbursement	2
10-530-121	Intro to Healthcare Data Analytics	3
10-530-157	Revenue Cycle Management	2 3 3 3
10-530-158	Healthcare Law	3
10-530-164	Intro to Health Informatics	3
10-530-165	Intermediate Coding	
10-530-166	Health Information Technology Capstone	1
10-530-179	Management & Performance Improvement	3
10-530-180	Intro to Health Information	2 3
10-530-182	Human Disease for the Health Professions	3
10-530-184	CPT Coding	3 2
10-530-190	Data Management in HIM	2
10-530-197	ICD Diagnosis Coding	3
10-530-199	ICD Procedure Coding	2
General Stud	ies (18 Credits)	
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-135	Quantitative Reasoning	3
10-806-189	Basic Anatomy	3
10-809-195	Economics	3 3 3 3
10-809-198	Intro to Psychology	3
Electives (3	Credits)	
See an Academ		

### **Medical Assistant**

ssistant 31-509-1

Technical Diploma • 29 Credits • Financial Aid Eligible Appleton, Oshkosh • Full Time and Part Time

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

The state of Wisconsin does not require a professional licensure or certification to be employed as a medical assistant within the state. Some other states may require professional licensure or certification to be employed.

### Career Opportunities

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

Occupational	Specific (29 Credits)	Credits
10-501-107	Digital Literacy for Healthcare	2
31-509-301	Medical Asst Admin Procedures	2
31-509-302	Human Body in Health & Disease	3
31-509-303	Medical Asst Lab Procedures 1	2
31-509-304	Medical Asst Clin Procedures 1	4
31-509-305	Medical Asst Lab Procedures 2	2
31-509-306	Medical Asst Clin Procedures 2	3
31-509-307	Med Office Insurance & Finance	2
31-509-308	Pharm for Allied Health	2
31-509-309	Medical Law, Ethics & Profess	2
31-509-310	Medical Assistant Practicum	3
31-509-320	Medical Terminology for Medical Assistants	2

### Medical Coding Specialist 31-530-2

Technical Diploma • 28 Credits • Financial Aid Eligible • Online Full Time and Part Time

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

### **Career Opportunities**

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

Occupational	Specific (25 Credits)	Cred
10-501-101	Medical Terminology	3
10-501-107	Digital Literacy for Healthcare	2
10-530-120	Intro to Medical Reimbursement	2
10-530-157	Revenue Cycle Management	2
10-530-165	Intermediate Coding	3
10-530-180	Intro to Health Information	2
10-530-182	Human Disease for the Health Professions	3
10-530-184	CPT Coding	3
10-530-197	ICD Diagnosis Coding	3
10-530-199	ICD Procedure Coding	2
Occupational	Supportive (3 Credits)	
10-806-189	Basic Anatomy	3

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

### **Medical Laboratory Technician**

10-513-1

Associate Degree • 64 Credits • Financial Aid Eligible • Appleton • Full Time

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

The state of Wisconsin does not require a professional licensure or certification to be employed in the medical laboratory technician field within the state. Some other states may require professional licensure or certification to be employed.

### **Career Opportunities**

career Oppor	INIIIII62		
Clinical Laboratory Technician		Laboratory Assistant	
Laboratory Technician		Medical Lab Technician	ı (MLT)
<b>Technical Stud</b>	ies (40 Credits)	Cr	edits
10-501-101	Medical Terminology		3
10-513-109	Blood Bank		4
10-513-110	Basic Lab Skills		1
10-513-111	Phlebotomy		2
10-513-113	QA Lab Math		1
10-513-114	Urinalysis		2
10-513-115	Basic Immunology Con	cepts	2
10-513-116	Clinical Chemistry		4
10-513-120	Basic Hematology		3
10-513-121	Coagulation		1
10-513-130	Advanced Hematology		2
10-513-133	Clinical Microbiology		4
10-513-140	Advanced Microbiology	1	2
10-513-151	Clinical Experience 1		3
10-513-152	Clinical Experience 2		4
10-513-170	Introduction to Molecu	lar Diagnostics	2
General Studi	es (24 Credits)		
10-801-195	Written Communication	1	3
10-801-196	Oral/Interpersonal Cor	nm	3
10-806-177	Gen Anatomy & Physic		4
10-806-186	Intro to Biochemistry		4
10-806-197	Microbiology		4
10-809-166	Intro to Ethics: Theory	& App	3
10-809-198	Intro to Psychology		3

Want to continue your education beyond an associate degree?

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

### Neurodiagnostic Technologist 10-525-2

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

The Neurodiagnostic Technologist program focuses on assessing neurological disorders using diagnostic techniques. You'll receive hands-on training in clinical rotations in Electroencephalography, Nerve Conduction Studies, Evoked Potentials, Polysomnography and Intraoperative Neuromonitoring, promoting practical experience. Collaboration with healthcare professionals will enhance your comprehensive patient care understanding. Patient-centered care and effective communication are emphasized. Critical thinking is honed for accurate interpretations and decision-making. Upon graduation, you'll be equipped for entry-level roles in hospitals, clinics and research with well-rounded skills. While the program is designed to prepare students for national certification exam eligibility, successful completion of the program does not guarantee certification.

### **Career Opportunities**

EEG Technologist Electroneurodiagnostic Technologist Neurodiagnostic Technologist Neurodiagnostic Technologist

/ recilliologisi			
Technical Studies (42 Credits) Cre			
Medical Terminology	3		
Digital Literacy for Healthcare	2		
Body Structure and Function	2		
NDT: EEG Basic	3		
NDT: Neuroanatomy	3 3 3		
NDT: Nerve Conduction Studies Basic	3		
NDT: EEG Advanced	4		
NDT: Evoked Potentials Basic	2		
NDT: Theory	2 3 3 2 3		
NDT: Nerve Conduction Study Advanced	3		
NDT: Introduction to Practicum	2		
NDT: Practicum 1			
EEG Symposium	1		
Intro to Intraoperative Neuromonitoring	1		
NDT: Practicum 2	5		
Principles of Polysomnography	2		
General Studies (18 Credits)			
English Composition 1	3		
	3		
College Technical Math 1A	3		
Think Critically & Creatively	3		
Introduction to Diversity Studies	3 3 3 3		
Intro to Psychology	3		
	ies (42 Credits)  Medical Terminology Digital Literacy for Healthcare Body Structure and Function NDT: EEG Basic NDT: Neuroanatomy NDT: Nerve Conduction Studies Basic NDT: EEG Advanced NDT: Evoked Potentials Basic NDT: Theory NDT: Nerve Conduction Study Advanced NDT: Introduction to Practicum NDT: Practicum 1 EEG Symposium Intro to Intraoperative Neuromonitoring NDT: Practicum 2 Principles of Polysomnography es (18 Credits) English Composition 1 Oral/Interpersonal Comm College Technical Math 1A Think Critically & Creatively Introduction to Diversity Studies		

# Nursing - RN Associate Degree 10-543-1 Associate Degree • 65 Credits • Financial Aid Eligible • Appleton Full Time and Part Time

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

Due to program demand, licensure and certification requirements, and Wisconsin laws relating to residency, this program is currently not accepting out-of-state applicants.

### Career Opportunity Registered Nurse

Rogistorou Horse		
Technical Studi	es (38 Credits)	Credits
10-543-101	Nursing Fundamentals	2
10-543-102	Nursing Skills	3
10-543-103	Nursing Pharmacology	2
10-543-104	Nursing Intro Clinical Practice	2
10-543-105	Nursing Health Alterations	3
10-543-106	Nursing Health Promotion	3 3
10-543-107	Nursing Clinical Care Across the Lifespan	2
10-543-108	Intro to Clinical Care Management	2
10-543-109	Nursing Complex Health Alterations I	3
10-543-110	Mental Health & Community Concepts	2
10-543-111	Nursing Intermediate Clinical Practice	3
10-543-112	Nursing Advanced Skills	1
10-543-113	Nursing Complex Health Alterations II	3
10-543-114	<b>Nursing Management &amp; Professional Concept</b>	ots 2
10-543-115	Nursing Advanced Clinical Practice	3
10-543-116	Nursing Clinical Transition	2
General Studie	s (27 Credits)	
10-801-136	English Composition 1	3
10-801-196	Oral/Interpersonal Comm	3
10-806-177	Gen Anatomy & Physiology	4
10-806-179	Adv Anatomy & Physiology	4
10-806-197	Microbiology	4
10-809-188	Developmental Psychology	3
10-809-198	Intro to Psychology	3
10-809-196	Intro to Sociology	3

### **Nursing Assistant**

30-543-1

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

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

Due to program demand, licensure and certification requirements, and Wisconsin laws relating to residency, this program is currently not accepting out-of-state applicants.

### **Career Opportunities**

Certified Nursing Assistant (CNA)
Nurse Aid
Personal Care Attendant

Occupational Specific (3 Credits)
30-543-300

Nursing Assistant

Home Health Aide
Patient Care Associate
Personal Care Worker

Credits
3



### Nursing Pathway, LPN to ADN

10-543-1PATH

Associate Degree • 66 Credits • Financial Aid Eligible • Appleton • Full Time

If you are currently a practicing LPN in the state of Wisconsin and want to continue your education to become a registered nurse, this program is designed for you. You can apply 19 credits from your practical nursing program to give you a major jump start. Then continue your training with the latest procedures and technology. You'll get plenty of handson 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.

Due to program demand, licensure and certification requirements, and Wisconsin laws relating to residency, this program is currently not accepting out-of-state applicants.

### **Career Opportunity**

Registered Nurse		
Technical Studi	es (39 Credits) C	redits
10-543-109	Nursing Complex Health Alterations I	3
10-543-110	Mental Health & Community Concepts	2
10-543-111	Nursing Intermediate Clinical Practice	2 3
10-543-112	Nursing Advanced Skills	1
10-543-113	Nursing Complex Health Alterations II	3
10-543-114	Nursing Management & Professional Concept	s 2
10-543-115	Nursing Advanced Clinical Practice	3
10-543-116	Nursing Clinical Transition	2
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 Intro Clinical Practice	2 3 2 2 3 3 2
31-543-305	Nursing Health Alterations	3
31-543-306	Nursing Health Promotion	3
31-543-307	Nursing Clinical Care Across the Lifespan	
31-543-308	Intro to Clinical Care Management	2
<b>General Studie</b>	s (27 Credits)	
10-801-136	English Composition 1	3
10-801-196	Oral/Interpersonal Comm	3 3
10-806-177	Gen Anatomy & Physiology	4
10-806-179	Adv Anatomy & Physiology	4
10-806-197	Microbiology	4
10-809-188	Developmental Psychology	
10-809-196	Intro to Sociology	3 3
10-809-198	Intro to Psychology	3

### Nursing, Paramedic to ADN Pathway 10-543-1PARA Associate Degree • 60 Credits • Financial Aid Eligible • Appleton • Full Time

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

Due to program demand, licensure and certification requirements, and Wisconsin laws relating to residency, this program is currently not accepting out-of-state applicants.

### **Career Opportunity**

See an Academic Advisor.

Registered Nurse

nogleteres merse			
Technical Stud	lies (29 Credits)	Credits	
10-543-109	Nursing Complex Health Alterations I	3	
10-543-110	Mental Health & Community Concepts	2	
10-543-111	Nursing Intermediate Clinical Practice	3	
10-543-112	Nursing Advanced Skills	1	
10-543-113	Nursing Complex Health Alterations II	3	
10-543-114	Nursing Management & Professional Cond	epts 2	
10-543-115	Nursing Advanced Clinical Practice	· 3	
10-543-116	Nursing Clinical Transition	2	
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	
General Studies (27 Credits)			
10-801-136	English Composition 1	3	
10-801-196	Oral/Interpersonal Comm	3	
10-806-177	Gen Anatomy & Physiology	4	
10-806-179	Adv Anatomy & Physiology	4	
10-806-197	Microbiology	4	
10-809-188	Developmental Psychology		
10-809-196	Intro to Sociology	3 3 3	
10-809-198	Intro to Psychology	3	
Electives (4 C		-	

**Looking for** opportunities beyond an associate degree?

See page 16 for more information.

### **Nursing, Practical** Technical Diploma • 30 Credits • Partially Financial Aid Eligible

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

Due to program demand, licensure and certification requirements, and Wisconsin laws relating to residency, this program is currently not accepting out-of-state applicants.

### Career Opportunity

Licensed Practical Nurse (LPN)

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

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

### **Occupational Therapy Assistant** Associate Degree • 64 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.

The Occupational Therapy Assistant program meets the professional licensure or certification educational requirements for Wisconsin and the College is not aware of whether the program meets the requirements for

### **Career Opportunities**

Adult Services Supervisor Case Manager Occupational Therapy Assistant

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

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

> Levi S. Nursing - RN Associate Degree

### **Surgical Technology**

Associate Degree • 64 Credits • Financial Aid Eligible • Oshkosh • Full Time

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

The state of Wisconsin does not require a professional licensure or certification to be employed in the surgical technology field within the state. Some other states may require professional licensure or certification to be employed.

### **Career Opportunities**

Cast Application Technician	Dental Centers Technician
Emergency Room Technician	GI Technician
OB Technician	Office Surgical Technician

Operating Room Surgical Technologist Ortho Technician

ruvenny surgicul leciniulugisi				
Technical	Studies	(41	Credits)	
0-501-10	1 M	edica	l Terminology	

	tu to to to to		
Technical Studies (41 Credits)		Credits	
10-501-101	Medical Terminology	3	
10-512-125	Intro to Surgical Technology	4	
10-512-126	Surgical Tech Fundamentals 1	4	
10-512-127	Exploring Surgical Issues	2	
10-512-128	Surgical Tech Fundamentals 2	4	
10-512-129	Surgical Pharmacology	2	
10-512-130	Surgical Skills Application	2	
10-512-131	Surgical Interventions 1	4	
10-512-132	Surgical Technology Clinical 1	3	
10-512-133	Surgical Technology Clinical 2	3	
10-512-135	Surgical Technology Clinical 3	3	
10-512-136	Surgical Technology Clinical 4	3	
10-512-142	Surgical Interventions II	4	
General Studies (20 Credits)			
10-801-136	English Composition 1	3	
10-801-196	Oral/Interpersonal Comm	3	
10-806-177	Gen Anatomy & Physiology	4	

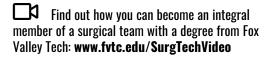
### Electives (3 Credits)

10-806-197

10-809-196

10-809-198

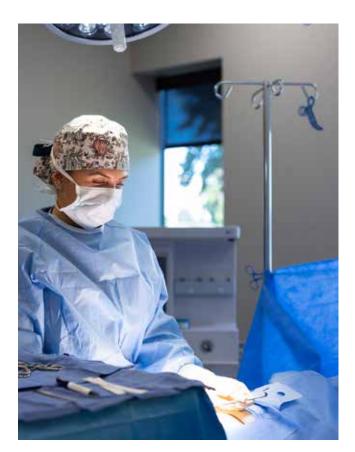
See an Academic Advisor.



Microbiology

Intro to Sociology

Intro to Psychology



**Looking for** opportunities beyond an associate degree?

See page 16 for more information.

# **Information Technology**

### **NETWORK/COMPUTER SUPPORT**

### Computer Support Specialist

Associate Degree • 61 Credits • Financial Aid Eligible • Online Full Time and Part Time

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

### Career Opportunities

cuicci Oppo	11 10 1111103		
Computer Sup	port Technician	Desktop Supp	ort Specialist
Help Desk Spe		IT Technician	·
PC Support Sp		Technical Supp	port Specialist
Technical Stu	dies (46 Credits)		Credit
10-107-102	Exploring IT Found	lations	2
10-107-110	IT Career Experien	се	2
10-107-150	Microcomputer App		2
10-150-105	Virtualization Tech		3
10-150-116	Network Infrastruc		3
10-150-127	IT Project Manage	mont	2

10-130-103	viriounzunon iecimologies	J
10-150-116	Network Infrastructure 1	3
10-150-127	IT Project Management	2
10-150-147	Linux	2
10-150-155	Linux Essentials - Just Enough Linux	1
10-150-156	Windows Server	3
10-150-161	Information Assurance	2
10-150-162	Network Essentials	2
10-154-101	Emerging Technologies and Trends	3
10-154-102	IT Customer Service Skills	2
10-154-105	Advanced Desktop Management	2
10-154-108	IT Service Desk Capstone	2
10-154-109	IT Service Desk Concepts	3 3
10-154-110	Enterprise Client	3
10-154-111	Device Repair and Maintenance	3
10-154-114	Infrastructure Automation	3
10-890-100	College Success: On Course	1
General Studie	s (15 Credits)	
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3

Intro to Ethics: Theory & App

Psychology of Human Relations

Math & Logic

10-804-133 10-809-166

10-809-199

### **Cybersecurity Specialist**

10-151-2

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

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

### Career Opportunities

10-809-199

arcer Opperionnies	
bersecurity Analyst	Cybersecurity Professional
cident Response Specialist	Information Security Analyst
formation Security Technologist	Network Security Analyst
curity Technology Analyst	Technology Risk Analyst

IIII OI III UII JECC		MEIWOIK SECULITY AT	iuiyəi
Security Technolo	ogy Analyst	Technology Risk And	alyst
Technical Studi	es (46 Credits)		Credits
10-107-110	IT Career Experience		2
10-150-111	Scripting with Python		3
10-150-116	Network Infrastructure	1	3
10-150-141	<b>Operating Systems Sec</b>	urity	3 2 3 2 1
10-150-144	Ethical Hacking	•	3
10-150-147	Linux		2
10-150-155	Linux Essentials - Just	Enough Linux	1
10-150-156	Windows Server	·	3
10-150-159	Server Applications		3 3 2 2 3 3 3 2 2
10-150-160	Network Security		3
10-150-161	Information Assurance		2
10-150-162	Network Essentials		2
10-150-168	Security Monitoring an	d Operations	3
10-151-101	Risk and Incident Man		3
10-151-102	Cybersecurity Capstone	)	3
10-154-110	Enterprise Client		3
10-504-176	CCI: Computer Crime In	nvestigation	2
10-504-179	CCI: Basic Data Recove	ry	2
10-890-100	College Success: On Co		1
<b>General Studie</b>	s (15 Credits)		
10-801-195	Written Communication	1	3
10-801-196	Oral/Interpersonal Cor	nm	3
10-804-133	Math & Logic		3 3 3
10-809-166	Intro to Ethics: Theory	& App	3

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

Psychology of Human Relations

### **Help Desk Support Specialist**

31-154-7

Technical Diploma • 26 Credits • Financial Aid Eligible • Appleton, Online Full Time and Part Time

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

### **Career Opportunities**

Help Desk Technician

Heli	) Desk	Specia	list
------	--------	--------	------

Occupational	Specific (23 Credits)	Credits	
10-107-102	Exploring IT Foundations	2	
10-107-150	Microcomputer Applications	2	
10-150-155	Linux Essentials - Just Enough Linux	1	
10-150-161	Information Assurance	2	
10-150-162	Network Essentials	2	
10-154-102	IT Customer Service Skills	2	
10-154-105	Advanced Desktop Management	2	
10-154-109	IT Service Desk Concepts	3	
10-154-110	Enterprise Client	3	
10-154-111	Device Repair and Maintenance	3	
10-890-100	College Success: On Course	1	
Occupational Supportive (3 Credits)			
10-801-196	Oral/Interpersonal Comm	3	



### **Network Specialist**

10-150-2

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

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

### Career Opportunities

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

Technical Stud	Credits		
10-107-110	IT Career Experience	2	
10-150-104	Virtualization Infrastructure	3	
10-150-111	Scripting with Python	3	
10-150-116	Network Infrastructure 1	3	
10-150-122	Network Infrastructure 2	3	
10-150-125	Network Infrastructure 3	3	
10-150-126	Infrastructure as a Service (IaaS)	3	
10-150-127	IT Project Management	2	
10-150-144	Ethical Hacking	3	
10-150-146	Wireless Networking	2	
10-150-155	Linux Essentials - Just Enough Linux	1	
10-150-156	Windows Server	3	
10-150-160	Network Security	3	
10-150-161	Information Assurance	2	
10-150-162	Network Essentials	2	
10-150-163	Network Specialist Capstone	2	
10-154-110	Enterprise Client	3	
10-890-100	College Success: On Course	1	
General Studies (15 Credits)			
10-801-195	Written Communication	3	
10-801-196	Oral/Interpersonal Comm	3	
10-804-133	Math & Logic	3	
10-809-166	Intro to Ethics: Theory & App	3 3	
10-809-199	Psychology of Human Relations	3	
	. · · · · · · · · · · · · · · · · · · ·		

### **Electives (2 Credits)**

See an Academic Advisor.

IT students share their experiences in FVTC programs: www.fvtc.edu/ITVideo

### **Network Systems Administration**

10-150-5 Associate Degree • 63 Credits • Financial Aid Eligible • Appleton, Online

Full Time and Part Time

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

### **Career Opportunities**

Email Administrator Linux/UNIX System Administrator Network Administrator Network Analyst

Windows System Administrator

Technical Stud	ies (46 Credits)	Credits
10-107-110	IT Career Experience	2
10-150-104	Virtualization Infrastructure	3
10-150-105	Virtualization Technologies	3 3
10-150-116	Network Infrastructure 1	3
10-150-127	IT Project Management	2
10-150-141	Operating Systems Security	2
10-150-144	Ethical Hacking	3
10-150-147	Linux	2
10-150-148	Linux Administration	3
10-150-155	Linux Essentials - Just Enough Linux	1
10-150-156	Windows Server	3
10-150-159	Server Applications	3
10-150-161	Information Assurance	2
10-150-162	Network Essentials	2
10-150-164	System Administration Capstone	2
10-154-110	Enterprise Client	3
10-154-111	Device Repair and Maintenance	3 3
10-154-114	Infrastructure Automation	3
10-890-100	College Success: On Course	1
General Studi	ies (15 Credits)	
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3 3 3
10-804-133	Math & Logic	3
10-809-166	Intro to Ethics: Theory & App	3 3
10-809-199	Psychology of Human Relations	3
Electives (2 C		

### See an Academic Advisor.

### **SOFTWARE DEVELOPMENT/WEB**

### **Data & Analytics Specialist**

10-156-3

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

As a Data and Analytics Specialist, you'll collect, structure, transform, auglity check, and analyze data from numerous sources. You'll collaborate with decision-makers and stakeholders to create processes for gathering, managing, and utilizing data using various technologies. These processes will enhance your ability to generate reports, visualizations, and predictive insights. You will also gain skills in artificial intelliaence (AI), including machine learning, natural language processing (NLP), and predictive analytics, while considering the ethical implications of Al. With these tools and systems, Data Specialists support data scientists, data architects, and decision-makers, driving innovation and informed decisions across their organizations.

### **Career Opportunities**

Data Science To		
Technical Stu	dies (36 Credits)	Credits
10-107-110	IT Career Experience	2
10-150-155	Linux Essentials - Just Enough Linux	1
10-150-162	Network Essentials	2
10-152-168	Data Access for Programmers	3
10-152-170	Data Administration Techniques	3
10-156-103	Python Data Programming	3
10-156-104	Data Analytics, Introduction	3
10-156-105	Data Analytics, Intermediate	3
10-156-106	Programming in R	3
10-156-107	ETL & Data Warehousing	3
10-156-108	Business Intelligence & Data Visualization	3 3 3 3 3 3 3 3 3 3 3
10-156-109	Big Data	3
10-156-110	Data Analytics Capstone	3
10-890-100	College Success: On Course	1
<b>General Stud</b>	ies (21 Credits)	
10-801-136	English Composition 1	3
10-801-196	Oral/Interpersonal Comm	3
10-804-133	Math & Logic	3
10-804-135	Quantitative Reasoning	3
10-804-189	Introductory Statistics	3
10-809-166	Intro to Ethics: Theory & App	3 3 3 3 3
10-809-198	Intro to Psychology	3
Electives (3 (	Credits)	

### Electives (3 Credits) See an Academic Advisor.

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

### **Software Developer**

10-152-1

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

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

### **Career Opportunities**

**Application Tester** Application Developer Computer Programmer/Analyst Database Administrator

Credits			
2			
3			
3			
3			
3			
3			
3			
3			
3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3			
3			
3			
3			
3			
3			
3			
1			
1			
10-890-100 College Success: On Course 1 General Studies (15 Credits)			
3			
3			
3 3 3 3			
3			
3			

### **Web Design**

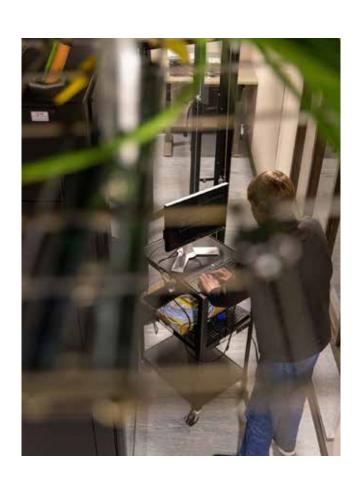
31-152-2

Technical Diploma • 29 Credits • Financial Aid Eligible • Appleton, Online Full Time and Part Time

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

### **Career Opportunity** Web Designer

Occupational	Specific (25 Credits)	Credits	
10-152-100	Introduction to Web Design	3	
10-152-101	HTML 5	3	
10-152-105	Web Graphics, Introduction to	3	
10-152-106	Cascading Style Sheets (CSS)	3	
10-152-111	C# Introduction to Programming	3	
10-152-121	PHP	3	
10-152-134	Modern JavaScript	3	
10-152-168	Data Access for Programmers	3	
10-152-184	Version Control Essentials	1	
10-890-100	College Success: On Course	1	
Occupational Supportive (3 Credits)			
10-801-105	Written Communication	3	



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

> Heather H. Software Developer

### **Web Development & Design Specialist** Associate Degree • 61 Credits • Financial Aid Eligible • Appleton, Online Full Time and Part Time

The rapidly evolving field of web development has created a need for people with the technical skills to design, develop and support websites. Virtually all businesses require a public website and many develop internal intranets to support various applications. This degree will give you skills to create and maintain professional, high-auglity websites. You will learn how to use HTML 5, cascading style sheets (CSS), JavaScript, PHP and ASP.NET. You'll also learn how to develop database-driven websites with dynamic content. Your training includes the development of web graphics and animation techniques. Businesses large and small are calling on people with these skills to help them establish and maintain a website. Get the training you need for this exciting career field.

Career Opport	unities		
User Interface D	esigner	Web Designer	
Web Developer/	Programmer	Web Marketing	
Web Systems Ad	ministrator	Webmaster	
Technical Studi	es (43 Credits)		Credits
10-107-110	IT Career Experience		2
10-150-144	Ethical Hacking		3
10-152-100	Introduction to Web D	esign	3
10-152-101	HTML 5	·	3
10-152-105	Web Graphics, Introdu	ction to	3
10-152-106	Cascading Style Sheets		3 3
10-152-111	C# Introduction to Pro		
10-152-121	PHP		3 3
10-152-125	ASP.Net		3
10-152-126	Agile Development		3
10-152-131	WordPress		3
10-152-132	Mobile Web		3 3
10-152-134	Modern JavaScript		3
10-152-168	Data Access for Progra	ımmers	3
10-152-184	Version Control Essenti		1
10-890-100	College Success: On Co	ourse	1
General Studie			
10-801-195	Written Communicatio	n	3
10-801-196	Oral/Interpersonal Co		3
10-804-133	Math & Logic		3

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

10-809-166 10-809-199

See an Academic Advisor.

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

Intro to Ethics: Theory & App

Psychology of Human Relations

See page 16 for more information.

# Manufacturing

### **INDUSTRIAL MAINTENANCE**

Industrial Maintenance Mechanic

31-462-2

Technical Diploma • 26 Credits • Financial Aid Eligible • Appleton Full Time and Part Time

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

Career Opportunities

	Industrial Maintenance Technician Industrial Machine Operator			
Occupational Specific (26 Credits)			Credits	
	10-449-188	Essentials of Manufacturing Safety	1	
	10-620-111	Pneumatics 1	1	
	10-620-112	Pneumatics 2	1	
	10-620-142	Motors and Drives 2	1	
	10-620-148	Motors and Drives 1	1	
	10-620-164	Elements of Machines 1	1	
	10-620-165	Elements of Machines 2	1	
	10-620-188	System Troubleshooting	1	
	10-628-101	Concepts of Programming for Technicians	1	
	10-628-113	Electronic Construction Applications	1	
	10-628-151	PLC 1	1	
	10-628-152	PLC 2	1	
	10-628-153	PLC 3	1	
	10-628-159	Operator Interfaces	1	
	10-628-187	AutoCAD Fundamentals	1	
	10-628-188	Blueprint Reading & AutoCAD	1	
	10-660-110	DC Circuits 1	1	
	10-660-111	DC Circuits 2	1	
	10-660-112	DC Circuits 3	1	
	10-660-114	AC Circuits 1	1	
	10-660-170	Ladder Logic & Control Devices	1	
	10-660-181	Technical Software Essentials	1	
	10-660-184	Computer Systems & Networks 1	1	
	10-804-113	College Technical Math 1A	3	

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

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton. Online Full Time and Part Time

If you are currently working on or if you've already completed a trade apprenticeship with at least 400 hours of paid-related instruction (PRI), this degree program will help you build on your experience and add depth to your technical skills. With your Wisconsin Journeyworker Certificate as a solid foundation, you will enhance your career potential with studies in communications, social science, behavioral science and math. You'll begin with 39 credits from your apprenticeship, and add 15 additional credits of general studies and 6 electives. You'll be well prepared for future career growth in your chosen field.

**Career Opportunity** 

Trades Journeyworker

**Technical Studies (39 Credits) Credits** 10-499-039 Journeyworker-Advanced Standing General Studies (15 Credits)

Visit www.fvtc.edu/IndustrialMaintenance for the complete course list. Electives (6 Credits)

See an Academic Advisor.

Get a hands-on, high tech view of FVTC's Manufacturing programs: www.fvtc.edu/ **ManufacturingVideo** 

Want to continue your education beyond an associate degree?

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

### MANUFACTURING OPERATIONS

Industrial Engineering Technology

10-623-1

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton, Online Full Time and Part Time

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

**Career Opportunities** 

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

i iocoss iiiipiov	onioni speciulisi iouni Loudoi	
	lies (40 Credits)	Credits
10-449-119	Ergonomics	3
10-623-106	Interpretation of Engineering Drawings	2
10-623-107	IE/ME-Work Measurement	3
10-623-132	Project Management	3
10-623-137	Applied Statistical Analysis 1	3
10-623-138	Applied Statistical Analysis 2	3
10-623-148	Manufacturing Processes	3
10-623-155	Transformational Leadership	3
10-623-156	Manufacturing Cost Analysis	3
10-623-157	Problem Solving Methodologies	3
10-623-165	Project Application	3
10-623-179	Industrial Engineering Essentials	3
10-623-191	Lean Events	3
10-623-195	Lean Tools	2
General Studi	ies (15 Credits)	
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-107	College Mathematics	3
10-809-195	Economics	3
10-809-198	Intro to Psychology	3
Elastina IE C		

Electives (5 Credits) See an Academic Advisor.

**Process Technician** 30-623-7 Technical Diploma • 20 Credits • Financial Aid Eligible • Online Full Time and Part Time

Become a highly skilled industrial technician with up-to-date knowledge of tools, machines, language and regulations as they apply to manufacturing. Your training will cover topics like facility planning. material handling, work measurement and engineering economics. After completing this technical diploma, credits earned will apply toward the Industrial Engineering Technology associate degree.

**Career Opportunities** Process Technician

**Production Assistant** 

Industrial Engineering Technician

Occupational	Specific (14 Credits)	Credits
10-623-106	Interpretation of Engineering Drawings	2
10-804-107	College Mathematics	3
10-623-148	Manufacturing Processes	3
10-623-179	Industrial Engineering Essentials	3
10-623-107	IE/ME-Work Measurement	3
Occupational	Supportive (6 Credits)	
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3

### METAL MACHINING, FABRICATION & WELDING

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

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

Career	Opt	ortu	nities
cuivoi	~ PP	, v u	

Career Opport	unities	
Machinist	Programmer	
Project Manager	Estimator	
Shop Supervisor	Sales	
Manufacturing E	ngineer Shop Owner	
Occupational S	Specific (52 Credits)	Credits
10-442-120	Related Welding	1
32-420-314	Manufacturing Techniques, Cold	1
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
32-420-335	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
32-420-339	Grinding Processes 1	3
32-420-341	CNC M/G Code 1	3 3 3 3 3 3 3 3 3 3 3 3 3 1
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
32-420-350	Blueprint Reading, Basic-MTO	
32-420-353	Blueprint Reading, Adv-MTO	1
32-420-354	Introduction to Numerical Control - MTO	3
Occupational S	Supportive (9 Credits)	
31-801-318	Communication, Applied	2
31-804-307	Math for the Trades	2
31-809-300	Human Relations	2
32-420-351	Metallurgy, MTO	1
32-420-352	CAD/CAM-Machine Tool	2

See what it takes to become a Precision Machinist: www.fvtc.edu/MachineToolVideo

### Welding Technology, Industrial 10-621-1 Associate Degree • 63 Credits • Financial Aid Eligible • Appleton, Oshkosh Full Time and Part Time

As an industrial welding technician, you assist engineers, supervisors and journeyworkers in the production of quality welded and metal fabricated parts. You will learn how to provide technical assistance in the planning, development and implementation of a production cycle. Your training includes lots of hands-on training in fabrication and welding techniques. along with a thorough understanding of manufacturing processes. You'll

also cover robotic arc welding, electrical safety, material properties and

welding codes. This degree program equips you with skills you need for a successful career in industrial welding.

**Career Opportunities** 

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

Weidel/ Labilcalor				
Technical Studies (45 Credits) Credits				
10-442-121	SMAW Techniques 1	2		
10-442-123	GMAW Techniques 1	2		
10-442-124	GMAW Techniques 2	2		
10-442-125	FCAW Techniques	2		
10-442-126	GTAW Techniques	2 2 2		
10-442-127	Robotic Arc Welding, Basic	2		
10-442-128	Pipe Welding Techniques	2		
10-457-131	Manufacturing Enterprises for Fabrication	3		
10-457-141	Advanced Manufacturing Processes	2		
10-457-160	Manufacturing Processes	2		
10-457-161	Cutting Processes	2		
10-457-162	Pattern Drafting Processes	2		
10-621-105	Welding/Metal Fab Intro & Safety	1		
10-621-108	Weld Print Reading	1		
10-621-113	Robotic Arc Welding, Advanced	2		
10-621-114	Weld Symbols	1		
10-621-115	Welding Processes, Design & Costs	2 3 3 2 3		
10-621-116	Welding Metallurgy	3		
10-621-117	Weldability of Materials	3		
10-621-129	2D/3D CAD Modeling for Welders	2		
10-621-134	Welding NDE, Codes & Testing	3		
10-621-140	Advanced Welding Processes	2		
General Studi	General Studies (18 Credits)			
10-801-195	Written Communication	3		
10-801-196	Oral/Interpersonal Comm	3		
10-804-107	College Mathematics	3		
10-806-139	Survey of Physics	3 3 3 3 3		
10-809-103	Think Critically & Creatively	3		
10-809-199	Psychology of Human Relations	3		

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

Welding, Production	30-442-1
Technical Diploma • 13 Credits • Not Financial Aid Eligible •	Appleton, Oshkosh
Full Time and Part Time	

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

**Production Welder** 

### **Career Opportunities** Aluminum Welder

Robotic Welding	y Operator We	elder/Fabricator	
Occupational S	Specific (13 Credits)		Credits
10-442-123	GMAW Techniques 1		2
10-442-124	GMAW Techniques 2		2
10-442-125	FCAW Techniques		2
10-442-126	GTAW Techniques		2
10-442-127	Robotic Arc Welding, Basic		2
10-621-105	Welding/Metal Fab Intro	& Safety	1
10-621-108	Weld Print Reading	•	1
10-621-114	Weld Symbols		1

### Welding/Metal Fab Technician

32-621-1 Technical Diploma • 54 Credits • Financial Aid Eliaible • Appleton, Oshkosh Full Time and Part Time

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

### **Career Opportunities**

Brazer	Brazing Machine Setter
Cutter	Fabricators
Metal Worker	Pipe Welder
Press Machine Setter	Sheet Metal Fabricator
Solderer	Welder
Occupational Specific (45 Credits)	Cred
10 440 101 CMAW T. J	0

Occupational	Specific (45 Credits)	Credits
10-442-121	SMAW Techniques 1	2
10-442-123	GMAW Techniques 1	2
10-442-124	GMAW Techniques 2	2
10-442-125	FCAW Techniques	2
10-442-126	GTAW Techniques	2
10-442-127	Robotic Arc Welding, Basic	2
10-442-128	Pipe Welding Techniques	2
10-457-131	Manufacturing Enterprises for Fabrication	3
10-457-141	Advanced Manufacturing Processes	2
10-457-160	Manufacturing Processes	2

	10-457-161	Cutting Processes	2	
	10-457-162	Pattern Drafting Processes	2	
	10-621-105	Welding/Metal Fab Intro & Safety	1	
	10-621-108	Weld Print Reading	1	
	10-621-113	Robotic Arc Welding, Advanced	2	
	10-621-114	Weld Symbols	1	
	10-621-115	Welding Processes, Design & Costs	2	
	10-621-116	Welding Metallurgy	3	
	10-621-117	Weldability of Materials	3	
	10-621-129	2D/3D CAD Modeling for Welders	2	
	10-621-134	Welding NDE, Codes & Testing	3	
	10-621-140	Advanced Welding Processes	2	
Occupational Supportive (9 Credits)				
	10-804-107	College Mathematics	3	
	10-806-139	Survey of Physics	3	
	10-809-103	Think Critically & Creatively	3	
		•		

### Welding/Metal Fabrication

Technical Diploma • 29 Credits • Financial Aid Eligible • Appleton, Oshkosh Full Time and Part Time

31-457-1

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

### **Career Opportunities**

Fabricator	Laser Operator
Millwright	Press Brake Operator
Welder	·

Occupational	Specific (26 Credits)	Credits	
10-442-121	SMAW Techniques 1	2	
10-442-123	GMAW Techniques 1	2	
10-442-124	GMAW Techniques 2	2	
10-442-125	FCAW Techniques	2	
10-442-126	GTAW Techniques	2	
10-442-127	Robotic Arc Welding, Basic	2	
10-442-128	Pipe Welding Techniques	2	
10-457-131	Manufacturing Enterprises for Fabrication	3	
10-457-160	Manufacturing Processes	2	
10-457-161	Cutting Processes	2	
10-621-105	Welding/Metal Fab Intro & Safety	1	
10-621-108	Weld Print Reading	1	
10-621-114	Weld Symbols	1	
10-621-129	2D/3D CAD Modeling for Welders	2	
Occupational Supportive (3 Credits)			
10-804-107	College Mathematics	3	

### WOOD MANUFACTURING

Woodworking Technology 31-409-3
Technical Diploma • 37 Credits • Financial Aid Eliaible • Oshkosh • Full Time

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

**Career Opportunities** 

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

Occupational	Specific (33 Credits)	Credits
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
31-409-317	Layout and Sawing Operations	2
31-409-319	Milling Operations	2
31-409-321	Shaping and Molding	3
31-409-324	Frameless Cabinetry	3
31-409-326	Veneering, Finishing & Joinery Methods	3
31-409-327	Furniture Exploration 1	3
31-409-328	Furniture Exploration 2	3
31-409-330	Blueprint Reading for Woodworking Industr	y 2
31-409-331	CNC Router Operation	3
31-409-332	Traditional Cabinetry	2
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

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

"The instructors do a wonderful job of making the lab environment an understanding place to make mistakes and learn and grow from them."

Ariana N., Machine Tool Technician

# Marketing, Sales & Service INTERIOR DESIGN

Interior Design 10-304-1
Associate Degree • 60 Credits • Financial Aid Eligible • Appleton
Full Time and Part Time

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

### **Career Opportunities**

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

Relatif Design Co	misoriani visoai morchanaisoi	
Technical Studi	es (39 Credits)	Credits
10-304-110	Fundamentals of Design	3
10-304-125	Basic Interior Design	3
10-304-127	Color Theory	3
10-304-128	Commercial CAD	2
10-304-129	Textiles	2 3
10-304-134	Advanced Interior Design	2
10-304-135	Business Principles for Interior Design	1
10-304-143	Design Applications	
10-304-144	History of Furniture	3 3
10-304-150	Computer Basics for Design	1
10-304-154	Construction Apps - Mechanical & Lighting	3
10-304-166	Presentation Techniques	3 3 3 3
10-304-167	Drafting Skills for Interiors	3
10-304-171	Internship 1 Interior Design	3
10-304-174	Introduction to Commercial Design	3
General Studie	es (18 Credits)	
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3 3 3 3 3 3
10-804-123	Math w Business Apps	3
10-809-166	Intro to Ethics: Theory & App	3
10-809-195	Economics	3
10-809-199	Psychology of Human Relations	3
Electives (3 Cr		

See an Academic Advisor.

Interior Design - Kitchen & Bath Design 10-30.
Associate Degree • 60 Credits • Financial Aid Eligible • Appleton
Full Time and Part Time

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

**Career Opportunities** 

Design Consultant Estimator
Interior Designer Kitchen & Bath Designer

Sales Associate

Technical Stud	lies (39 Credits)	Credi
10-304-110	Fundamentals of Design	3
10-304-125	Basic Interior Design	3
10-304-127	Color Theory	3
10-304-143	Design Applications	3
10-304-144	History of Furniture	3
10-304-153	Basic Kitchen and Bath	3
10-304-154	Construction Appls - Mechanical & Lighting	3 3 3
10-304-155	Business Procedures for Designers	3
10-304-156	Advanced Kitchen & Bath Design	3
10-304-157	Materials & Estimating	3
10-304-166	Presentation Techniques	3
10-304-167	Drafting Skills for Interiors	3
10-304-176	Internship - Kitchen & Bath	3
General Studi	es (18 Credits)	
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-123	Math w Business Apps	3
10-809-166	Intro to Ethics: Theory & App	
10-809-195	Economics	3 3
10-809-199	Psychology of Human Relations	3
Electives 12 C	اماناءا	

### Electives (3 Credits)

See an Academic Advisor.

# Kitchen & Bath Design Assistant 31-304-4 Technical Diploma • 27 Credits • Financial Aid Eligible • Appleton Full Time and Part Time

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

### **Career Opportunities**

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

Occupational	Specific (27 Credits)	Credit
0-304-127	Color Theory	3
0-304-153	Basic Kitchen and Bath	3
0-304-154	Construction Apps - Mechanical & Lighting	3
0-304-155	Business Procedures for Designers	3
0-304-156	Advanced Kitchen & Bath Design	3
0-304-157	Materials & Estimating	3
0-304-166	Presentation Techniques	3
0-304-167	Drafting Skills for Interiors	3
0-304-176	Internship - Kitchen & Bath	3

### **MARKETING**

Digital Marketing 31-104-5
Technical Diploma • 28 Credits • Financial Aid Eligible
Appleton, Online, Oshkosh • Full Time and Part Time

Harness the power of electronic marketing with the Digital Marketing technical diploma. By learning the principles of digital marketing, you'll be able to effectively communicate marketing messages using targeted campaigns and tactics. You'll use marketing technology tools to learn how to engage informed target audiences, while delivering business results. Through coursework, you'll receive additional industry certifications from Google, Hootsuite, HubSpot and Semrush that are related to SEO, sales, social media and analytics. Upon graduation, you'll be able to pursue employment in digital marketing at business to consumer (B2C) and business to business (B2B) organizations.

**Career Opportunities** 

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

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

Marketina

10-104-3

Associate Degree • 62 Credits • Financial Aid Eligible Appleton, Online, Oshkosh • Full Time and Part Time

Marketing is an exciting and dynamic part of business that provides you with opportunities in a wide variety of career choices. You may find employment with a manufacturer, wholesaler, hospitality or non-profit firm, or choose to work with new business development and start-ups. Or you may work in retail management, advertising, industrial sales and service, research or purchasing. Through this degree program, you'll learn the principles of marketing, sales, digital and social media, as well as integrated marketing communications. You'll also learn to develop and execute marketing plans, participate in teams, utilize information technology and develop leadership skills. To give you a broad understanding of business, your training will include courses such as accounting, math, law, economics and communications. You'll have many career options with this degree. Through coursework, you'll receive additional industry certifications from Google, Hootsuite, HubSpot and Semrush that are related to SEO, sales, social media and analytics.

### **Career Opportunities**

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

Technical Studies (47 Credits)		
10-101-107	Accounting, Principles of	3
10-102-112	Business, Introduction to	3
10-103-108	Tech Tools for Marketing, Data	2
10-103-109	Tech Tools for Marketing, Communication	2
10-104-100	Digital Marketing	3
10-104-101	Marketing Analytics	3
10-104-102	Marketing Strategy	3
10-104-103	Promotion Principles	3
10-104-106	Business Communication	3
10-104-107	Content Creation	3 3 3 3 3 3
10-104-108	Social Media Marketing	3
10-104-109	Digital Media Buying	3
10-104-117	Sales Principles	3
10-104-118	Professional Sales	2
10-104-119	Sales Strategy	2
10-104-126	Marketing Internship	2
10-104-151	Marketing 1, Principles of	3
10-106-199	Business Career Planning	1
<b>General Studie</b>	s (15 Credits)	
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-123	Math w Business Apps	3 3
10-809-195	Economics	3
10-809-198	Intro to Psychology	3

### **SALES & SERVICE**

Sales Specialist 30-104-7

Technical Diploma • 10 Credits • Not Financial Aid Eligible
Appleton, Online, Oshkosh • Full Time and Part Time

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

### **Career Opportunities**

Sales Represent		
Occupational	Credits	
10-104-106	Business Communication	3
10-104-117	Sales Principles	3
10-104-118	Professional Sales	2
10-104-119	Sales Strategy	2

# **Public Safety**

# EMERGENCY MEDICAL SERVICES (EMS)

**Emergency Medical Technician** 

30-531-3

Technical Diploma • 5 Credits • Not Financial Aid Eligible • Appleton, Chilton Full Time

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

The Emergency Medical Technician program meets the licensure or certification educational requirements for Wisconsin and the College is not aware of whether the program meets the requirements for other states.

**Career Opportunities** 

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

Occupational Specific (5 Credits)

10-531-169 Emergency Medical Technician - Basic

5

Want to continue your education beyond an associate degree?

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

See the Public Safety Training Center up close: www.fvtc.edu/PublicSafetyVideo

# Emergency Medical Technician — Paramedic 31-531-1 Technical Diploma • 38 Credits • Partially Financial Aid Eligible • Appleton Full Time

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

Due to program demand, licensure and certification requirements, and Wisconsin laws relating to residency, this program is currently not accepting out-of-state applicants.

### **Career Opportunities**

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

mausiriai emerg	jency medical lechnician – Emergency Roc	om reconnici
Occupational S	Specific (38 Credits)	Credits
10-531-911	EMS Fundamental	2
10-531-912	Paramedic Medical Principles	4
10-531-913	Advanced Patient Assessment Principles	3
10-531-914	Advanced Pre-Hospital Pharmacology	3
10-531-915	Paramedic Respiratory Management	2
10-531-916	Paramedic Cardiology	4
10-531-917	Paramedic Clinical/Field 1	3
10-531-918	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



### FIRE PROTECTION

Fire Protection Technician 10-503-2
Associate Degree • 64 Credits • Financial Aid Eligible • Appleton
Full Time and Part Time

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

The Fire Protection Technician program meets the professional licensure or certification educational requirements for Wisconsin and the College is not aware of whether the program meets the requirements for other states.

### **Career Opportunities**

Fire Inspector	Firetighter
Firefighter/EMT	Special Hazards Field Technician
Tost 0 Inchast Toshnisian	•

Thenginer/ Livi	Special fluzulus field fecil	illiciuli
Test & Inspect Te	echnician	
Technical Studies (46 Credits)		
10-503-105	Technical Rescue	3
10-503-130	Fire Protection Internship	2
10-503-135	Firefighter Functional Fitness	1
10-503-142	Fire Fighting Principles	4
10-503-143	Building Construction for Fire Protection	4 3 3
10-503-149	Hazardous Materials Technician	3
10-503-151	Fire Prevention	4
10-503-156	Strategies, Tactics, & Incident	
	Management Systems	4
10-503-157	Fire Investigation	3
10-503-191	Principles of Emergency Services	2
10-503-192	Principles of Emergency Services	
	Safety & Survival	3
10-503-193	Fire Protection Systems	3
10-503-194	Fire Protection Hydraulics	3
10-503-195	Fire Behavior and Combustion	3 3 3 5
10-531-169	Emergency Medical Technician - Basic	5
General Studie	s (18 Credits)	
10-801-136	English Composition 1	3
10-801-196	Oral/Interpersonal Comm	3
10-804-107	College Mathematics	3
10-806-189	Basic Anatomy	3 3 3 3 3
10-809-196	Intro to Sociology	3
10-809-198	Intro to Psychology	3

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

### LAW ENFORCEMENT

Asset Protection	10-504-3
Associate Degree • 61 Credits • Financial Aid Eligible •	Appleton, Onlin
Full Time and Part Time	

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

**Credits** 

### **Career Opportunities**

**Electives (3 Credits)**See an Academic Advisor

Asset Protectio	n Specialist			
Police Officer	(Completion	of Recruit	<b>Academy</b>	Required

Private Investigator Risk Manager
Security Consultant Security Systems Installa

Security Consultant	Security Systems Installer
Technical Studies (	40 Credits)

10-102-112	Business, Introduction to	3
10-150-144	Ethical Hacking	3
10-150-161	Information Assurance	2
10-150-162	Network Essentials	2
10-150-168	Security Monitoring and Operations	3
10-504-106	Principles of Emergency Management	3
10-504-108	Physical Security Applications	3
10-504-109	Electronic Security Applications	3
10-504-123	Security Law	3 3 3 3 3 3 3
10-504-142	Private Investigations, Introduction to	3
10-504-147	Industrial Security	3
10-504-203	Crime Prevention Principles	3
10-504-204	Criminal Justice System	3
10-504-207	Communicating Professionally	3
General Studi	ies (18 Credits)	
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-107	Collége Mathematics	3
10-809-103	Think Critically & Creatively	3
10-809-196	Intro to Sociology	3 3 3 3
10-809-199	Psychology of Human Relations	3
	. •,	

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

Quantitative Reasonina

Abnormal Psychology

Intro to Sociology

See page 16 for more information.

# Criminal Justice 10-504-5 Associate Degree • 63 Credits • Financial Aid Eligible • Appleton, Online Full Time and Part Time

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

### **Career Opportunities**

career Opport	MIIIIE2	
Corrections Offic	er Deputy Sheriff	
DNR Warden	Police Officer	
Probation & Par	ole Officer Public Safety Dispatcher	
Technical Studi	es (42 Credits)	Credits
10-504-103	Cultural Diversity In Criminal Justice	3
10-504-106	Principles of Emergency Management	3
10-504-110	Introduction to Forensic Science	3
10-504-117	Employment Strategies in Public Safety	1
10-504-120	Cultural Competence &	
	Ethics in Criminal Justice	3
10-504-200	Criminal Justice Issues Capstone	2
10-504-201	Introduction to Corrections	3
10-504-203	Crime Prevention Principles	3
10-504-204	Criminal Justice System	3 3 3
10-504-205	Writing Reports	
10-504-207	Communicating Professionally	3
10-504-208	Criminal Procedures	3 3
10-504-209	Juvenile Procedures	3
10-504-210	Police Community Relations	3
10-504-211	Constitutional Principles	3
General Studie		
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3

# 10-809-198 Intro to Psychology Electives (3 Credits) See an Academic Advisor.

10-804-135

10-809-159

10-809-196

**Criminal Justice -**

Law Enforcement 720 Academy 30-504-2

Technical Diploma • 23 Credits • Financial Aid Eligible • Appleton Full Time

This program is specifically designed for those with a minimum of 40 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.

The Criminal Justice - Law Enforcement 720 Academy program meets the licensure or certification educational requirements for Wisconsin and the College is not aware of whether the program meets the requirements for other states.

### **Career Opportunities**

caroor oppor		
Corrections Offi	cer Deputy Sheriff	
DNR Warden	Police Officer	
Occupational S	Specific (23 Credits)	Credits
30-504-500	Overview of Patrol Response	2
30-504-501	Physical Fitness	1
30-504-502	Application of Investigations	1
30-504-503	Overview of Criminal Justice	1
30-504-504	Principles of Emergency Vehicle Response	2
30-504-505	Sensitive Crimes	2
30-504-506	Overview of Investigations	2
30-504-507	Application of Traffic Response	3
30-504-508	Principles of Investigations	1
30-504-509	Principles of Tactics	5
30-504-510	Overview of Tactics	1
30-504-511	Scenario Assessment	1
30-531-331	Law Enforcement Emergency Response	1

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

### **Forensic Science**

10-504-4

Associate Degree • 60 Credits • Financial Aid Eligible • Appleton, Online **Full Time and Part Time** 

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

### **Career Opportunities**

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

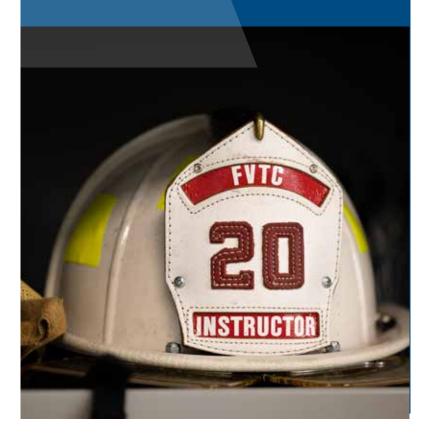
Police Ufficer				
Technical Studies (40 Credits) Credits				
10-504-103	Cultural Diversity In Criminal Justice	3		
10-504-105	Basic Medicolegal Death Investigation	3		
10-504-110	Introduction to Forensic Science	3		
10-504-122	Biological & Trace Evidence	3		
10-504-131	Basic Crime Scene Photography	3		
10-504-146	Impression Evidence	3		
10-504-159	Crash Scene Investigation	3		
10-504-168	Property/Evidence Management	2		
10-504-178	CCI: Investigating Internet Crime	2		
10-504-180	Forensic Science Capstone	3		
10-504-205	Writing Reports	3 3		
10-504-208	Criminal Procedures	3		
10-504-209	Juvenile Procedures	3		
10-504-211	Constitutional Principles	3		
General Studie				
10-801-195	Written Communication	3		
10-801-196	Oral/Interpersonal Comm	3		
10-804-135	Quantitative Reasoning			
10-806-189	Basic Anatomy	3 3		
10-809-103	Think Critically & Creatively	3		
10-809-198	Intro to Psychology	3		
FL	lo. 1			

### **Electives (2 Credits)**

See an Academic Advisor.

"Instructors with extensive experience teach the training and practical work. They are a great help when it comes to learning."

> Cole H., Fire Protection Technician



### **Transportation**

### **AUTOMOTIVE**

### **Auto Collision Repair &** Refinishing Technician

32-405-1

Technical Diploma • 54 Credits • Financial Aid Eligible • Appleton • Full Time

Gain the knowledge and skills necessary to repair, reconstruct and refinish vehicles in the various transportation fields. Focuses on removal and installation of interior and exterior vehicle parts, repairing and replacing both steel and aluminum body panels, and repairing and replacing plastic and composite parts. Also covered are damage analysis, analyzing and straightening structural damage, welding, and refinishing. Upon graduation you will be qualified for entry-level employment positions as a collision repair and refinish technician at automotive dealerships, independent repair shops, or through self-employment. You may also find employment as an insurance adjuster/appraiser or in transportation manufacturing jobs.

### Career Opportunities

caroor opportunitos	
Auto Body Technician	Automotive Technician
Body Shop Owner	Finishing Technician
Painter	Painter/Body Technicia

Painter	Painter/Body Technician	
Occupational	Specific (48 Credits)	Credits
10-405-150	Refinishing Set-up and Safety	2
10-405-151	Part Removal and Installation	3
10-405-152	Steel MIG Welding	2
10-405-153	Basic Nonstructural Repair	3
10-405-154	Advanced Nonstructural Repair	2
10-405-155	Plastic Repair	2
10-405-156	Surface Preparation and Masking	2
10-405-157	Basic Refinishing Application	3 3
10-405-158	Advanced Refinishing Application	
10-405-159	Refinishing Color Theory	2
10-405-160	Estimating	3
10-405-161	Advanced Joining Techniques	2
10-405-162	Collision Structural Damage Analysis	3
10-405-163	Welded Panel Replacement	4
10-405-164	Collision Heating & Cooling	2
10-405-165	Collision Basic Electrical	2
10-405-166	Collision Avoidance	2
10-405-167	Collision Alignment	2
10-602-100	Automotive Maintenance and Light Repair	1 4
Occupational	Supportive (6 Credits)	
10-801-196	Oral/Interpersonal Comm	3
10-809-199	Psychology of Human Relations	3 3

### **Auto Collision Repair and Refinish Technology** 10-405-3

Associate Degree • 63 Credits • Financial Aid Eligible Appleton • Full Time

This degree prepares you with the knowledge and skills to repair, reconstruct and refinish vehicles in various transportation fields. Your hands-on training will give you the skills you need for repairing and replacing both steel and aluminum body panels, removing and installing interior and exterior vehicle parts, repairing and replacing plastic and composite parts, damage analysis, analyzing and straightening structural damage, welding, and refinishing. Upon graduation, you'll be qualified for entry-level employment positions at automotive dealerships, independent repair shops, or self-employment as a collision repair and refinish technician. Other career options include working as an insurance adjuster/ appraiser, transportation manufacturing jobs, or pursuing a position as a shop manager, collision center owner, or technical instructor. You may also transfer credits to a four-year college to further your education.

### **Career Opportunities**

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

Technical Stud	ies (48 Credits)	Credits
10-405-150	Refinishing Set-up and Safety	2
10-405-151	Part Removal and Installation	3
10-405-152	Steel MIG Welding	2
10-405-153	Basic Nonstructural Repair	2 3 2
10-405-154	Advanced Nonstructural Repair	2
10-405-155	Plastic Repair	2
10-405-156	Surface Preparation and Masking	2
10-405-157	Basic Refinishing Application	3
10-405-158	Advanced Refinishing Application	3
10-405-159	Refinishing Color Theory	2
10-405-160	Estimating	3
10-405-161	Advanced Joining Techniques	2
10-405-162	Collision Structural Damage Analysis	2 2 3 3 2 3 2 3
10-405-163	Welded Panel Replacement	4
10-405-164	Collision Heating & Cooling	
10-405-165	Collision Basic Electrical	2 2 2
10-405-166	Collision Avoidance	
10-405-167	Collision Alignment	2
10-602-100	Automotive Maintenance & Light Repair 1	4
General Studio	es (15 Credits)	
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	
10-804-113	College Technical Math 1A	3
10-809-172	Introduction to Diversity Studies	3 3 3
10-809-199	Psychology of Human Relations	3
	· · · · ·	

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

### **Automotive & Light Duty Truck Technician** 32-602-2 Technical Diploma • 55 Credits • Financial Aid Eligible • Appleton

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

Career	Opportuni	ties
--------	-----------	------

Automotive Technician	Maintenance Technician
Master Technician	Owner
Camilea Managas	

Occupational S	Specific (49 Credits)	Credit
10-602-100	Automotive Maintenance and Light Repair 1	4
10-602-101	Automotive Maintenance and Light Repair 2	4
10-602-102	Automotive Maintenance and Light Repair 3	4
10-602-105	Automotive Maintenance and Light Repair 4	4
10-602-111	Advanced Electrical Automotive	4
10-602-113	Alternative Fuels	4
10-602-114	Auto. Heating, Ventilation, & Air Conditioning	ا (
10-602-117	Automatic Transaxles and Transmissions	4
10-602-118	Engine Mechanical	4
10-602-121	Manual Transmissions	4
10-602-126	Powertrain Management 1	4
10-602-129	Powertrain Management 2	4
10-806-173	Applied Science for Transportation	1
Occupational S	Supportive (6 Credits)	
10-801-196	Oral/Interpersonal Comm	3
10-809-199	Psychology of Human Relations	3
	,	



### **Automotive Maintenance**

& Light Repair Technician	30-602
Technical Dinloma • 16 Credits • Find	ancial Aid Fliaible • Appleton

Full Time and Part Time

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

### **Career Opportunities**

Automotive Maintenance Technician Service Technician

Occupational S	Specific (16 Credits)	C	redit
10-602-100	Automotive Maintenance and Light Repair	1	4
10-602-101	Automotive Maintenance and Light Repair	2	4
10-602-102	Automotive Maintenance and Light Repair	3	4
10-602-105	Automotive Maintenance and Light Repair	4	4

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

Technical Diploma • 55 Credits • Financial Aid Eligible • Appleton • Full Time

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

### **Career Opportunities**

Import Technician	Parts Specialist
Service Manager	Service Writer

Occupational	Specific (49 Credits)	Credits
10-602-100	Automotive Maintenance and Light Repair 1	4
10-602-101	Automotive Maintenance and Light Repair 2	2 4
10-602-102	Automotive Maintenance and Light Repair 3	3 4
10-602-105	Automotive Maintenance and Light Repair 4	1 4
10-602-111	Advanced Electrical Automotive	4
10-602-114	Auto. Heating, Ventilation, & Air Conditioning	4
10-602-130	Import Alternative Fuels	4
10-602-131	Import Automatic Transaxles	4
10-602-132	Import Engine Management 1	4
10-602-133	Import Engine Management 2	4
10-602-136	Import Engine Mechanical	4
10-602-138	Import Manual Transmissions	4
10-806-173	Applied Science for Transportation	1
Occupational	Supportive (6 Credits)	
10-801-196	Oral/Interpersonal Comm	3
10-809-199	Psychology of Human Relations	3

### **Automotive Technology** Associate Degree • 64 Credits • Financial Aid Eligible • Appleton • Full Time

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

10-602-3

### **Career Opportunities**

Automotive Specialist **Automotive Technician** Automotive Warehouse Distributor Customer Service & Sales Rep.

Technical Studi	es (49 Credits)	Credit	•
10-602-100	Automotive Maintenance and Light Repair	1 4	
10-602-101	Automotive Maintenance and Light Repair		
10-602-102	Automotive Maintenance and Light Repair		
10-602-105	Automotive Maintenance and Light Repair	4 4	
10-602-111	Advanced Electrical Automotive	4	
10-602-113	Alternative Fuels	4	
10-602-114	Automotive Heating, Ventilation, &	-	
	Air Conditioning	4	
10-602-117	Automatic Transaxles and Transmissions	4	
10-602-118	Engine Mechanical	4	
10-602-121	Manual Transmissions	4	
10-602-126	Powertrain Management 1	4	
10-602-129	Powertrain Management 2	4	
10-806-173	Applied Science for Transportation	i	
General Studie		-	
10-801-195	Written Communication	3	
10-801-196	Oral/Interpersonal Comm	3	
10-804-113	College Technical Math 1A	3	
10-809-195	Economics TA	3	
10-809-199	Psychology of Human Relations	3	
10 007-177	r sychology or moment Refulions	J	

### **Automotive Technology - Imports** Associate Degree • 64 Credits • Financial Aid Eligible • Appleton • Full Time

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

### **Career Opportunities**

Certified Master Technician Import Technician Parts Specialist Service Manager Service Writer

Technical Studi	es (49 Credits)	Cre	edits
10-602-100	Automotive Maintenance and Light Repair	1	4
10-602-101	Automotive Maintenance and Light Repair	2	4
10-602-102	Automotive Maintenance and Light Repair	3	4

10-602-105	Automotive Maintenance and Light Kepair 4	4
10-602-111	Advanced Electrical Automotive	4
10-602-114	Auto. Heating, Ventilation & Air Conditioning	4
10-602-130	Import Alternative Fuels	4
10-602-131	Import Automatic Transaxles	4
10-602-132	Import Engine Management 1	4
10-602-133	Import Engine Management 2	4
10-602-136	Import Engine Mechanical	4
10-602-138	Import Manual Transmissions	4
10-806-173	Applied Science for Transportation	1
General Studie	es (15 Credits)	
10-801-195	Written Communication	3
10-801-196	Oral/Interpersonal Comm	3
10-804-113	College Technical Math 1A	3
10-809-195	Economics	3
10-809-199	Psychology of Human Relations	3

### **Automotive Technology - GM ASEP** 10-602-5 Associate Degree • 64 Credits • Financial Aid Eligible • Appleton • Full Time

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

### Caroor Opportunities

career Opportunities	
Automotive Technician	GM World Class Technician
Master Technician	Mentor
<b>O</b> wner	Service Manager
Technical Studies (45 Cr	adits)

Owner Service Manager	
Technical Studies (45 Credits)	
Automotive Maintenance and Light Repair	14
Automotive Maintenance and Light Repair	24
Automotive Maintenance and Light Repair	34
Fuel Systems - ASEP	3
Driveline/Manual Transmission - ASEP	3 3
Automotive Engines Measuring - ASEP	
Dealership Co-op 2 - ASEP	2
Dealership Co-op 3 - ASEP	2
Dealership Co-op 4 - ASEP	2
Dealership Co-op 1 - ASEP	2
GM ASEP Automatic Transmission/Transaxle	e 2
Automotive HVAC-ASEP	2
Advanced Chassis Systems-ASEP	2
Electrical and Electronics 1-GM	3
Electrical and Electronics 2-GM	2
Applied Science for Transportation	1
ies (15 Credits)	
Written Communication	3
Oral/Interpersonal Comm	3
College Technical Math 1A	3
Think Critically & Creatively	3 3 3
Psychology of Human Relations	3
	Automotive Maintenance and Light Repair Automotive Engines Measuring - ASEP Automotive Engines Measuring - ASEP Dealership Co-op 2 - ASEP Dealership Co-op 3 - ASEP Dealership Co-op 4 - ASEP Dealership Co-op 1 - ASEP GM ASEP Automatic Transmission/Transaxle Automotive HVAC-ASEP Advanced Chassis Systems-ASEP Electrical and Electronics 1-GM Electrical and Electronics 2-GM Applied Science for Transportation its (15 Credits)  Written Communication Oral/Interpersonal Comm College Technical Math 1A Think Critically & Creatively

### **Electives (4 Credits)**

See an Academic Advisor.

### **GM Express Service Technician**

30-602-5 Technical Diploma • 18 Credits • Financial Aid Eligible • Appleton

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

### **Career Opportunities**

GM Automotive Technician **GM Express Service Technician** 

Occupational						edits
10-602-100	Automotive	Maintenance and	Light	Repair	1	4
10-602-101	Automotive	Maintenance and	Light	Repair	2	4
10-602-102	Automotive	Maintenance and	Light	Repair	3	4
10-602-105	Automotive	Maintenance and	Light	Repair	4	4
10-602-141	Dealership	Co-op 1 - ASEP	•	-		2

### DIESEL

### **Diesel Construction Equipment**

Service Technician (FABTECH) 32-412-3

Technical Diploma • 55 Credits • Partially Financial Aid Eliaible • Oshkosh

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

### **Career Opportunities**

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

т 1			- 1		•
Truc	•	M	۵rI	nn	nır
1100	N	141	UL	IIU	IIIC

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

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

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

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

### **Career Opportunities**

Diesel Mechanic	Diesel Technician
Fleet Mechanic	General Repair Mechanic
Service Technician	Truck Mechanic
O	00 C Itu \

Jervice recillificia	II II OUN MIGUIUIIU	
Occupational S	pecific (38 Credits)	Credits
10-412-141	FABTECH Air Conditioning	2
10-412-142	FABTECH Preventive Maint & Equipment Repo	ıir 5
10-412-143	FABTECH Shop Practices, Introduction to	4
10-412-148	FABTECH Engine Rebuilding	5
10-412-150	FABTECH Engine Testing & Diagnostics	5
10-412-151	FABTECH Electrical 1	5
10-412-157	FABTECH Fuel Systems 2	4
10-412-164	FABTECH Hydraulic Systems 1	3
10-412-172	FABTECH Fuel Systems 1	3
10-442-103	FABTECH Applied Welding	2
Occupational S	upportive (2 Credits)	
31-801-318F	FABTECH Applied Communication	2



### **Diesel Equipment Mechanic** 31-412-1 Technical Diploma • 34 Credits • Financial Aid Eligible • Appleton

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

### **Career Opportunities**

Diesel Mechanic	Diesel Technicia
Fleet Mechanic	Forklift Mechani

Heavy Duty Diesel Service Repair Technician General Repair Mechanic

Occupational	Specific (33 Credits)	Credits
10-412-102	Introduction to Diesel Technology	4
10-412-103	Heavy Duty Diesel Steering & Suspension	4
10-412-104	Heavy Duty Diesel Engine Maintenance	4
10-412-105	Heavy Duty Diesel HVAC & Cab Systems	4
10-412-106	Heavy Duty Diesel Drivetrains	4
10-412-107	Heavy Duty Diesel Air & Hydraulic Brakes	4
10-412-108	Heavy Duty Diesel Foundation Brakes	4
10-412-109	Heavy Duty Diesel Electrical Systems	4
10-412-124	Heavy Duty Diesel Capstone	1
Occupational	Supportive (1 Credit)	
10-442-120	Related Welding	1

### Diesel Equipment Technician with CDL 32-412-5

Technical Diploma • 59 Credits • Financial Aid Eligible • Appleton Full Time and Part Time

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

The Truck Driving program, embedded within the Diesel Equipment Technician with CDL program, meets the licensure or certification educational requirements for Wisconsin and the College is not aware of whether the program meets the requirements for other states.

### **Career Opportunities**

Diesel Mechanic	Diesel Technician
Forklift Mechanic	Heavy Duty Equipment Sales
Heavy Equipment Mechanic	Service Administrative Opportunities
Carries / Cunarries r / Managar	Truck Drivor

Occupational	Specific (58 Credits)	Credit
10-412-102	Introduction to Diesel Technology	4
10-412-103	Heavy Duty Diesel Steering & Suspension	4
10-412-104	Heavy Duty Diesel Engine Maintenance	4
10-412-105	Heavy Duty Diesel HVAC & Cab Systems	4
	10-412-102 10-412-103 10-412-104	10-412-103 Heavy Duty Diesel Steering & Suspension 10-412-104 Heavy Duty Diesel Engine Maintenance

Heavy Duty Diesel Drivetrains	4
Heavy Duty Diesel Air & Hydraulic Brakes	4
Heavy Duty Diesel Foundation Brakes	4
Heavy Duty Diesel Electrical Systems	4
Heavy Duty Diesel Computer Controls	4
Heavy Duty Diesel Advanced Drivetrain	4
Heavy Duty Diesel Advanced Engine Repair	4
Heavy Duty Diesel Engine Systems	4
Heavy Duty Diesel Capstone	1
Commercial Driver's License-Theory	2
Class A CDL-Behind the Wheel Range	3
Class A CDL-Behind the Wheel Public Road	3
Commercial Driver's License-Theory 2	1
Supportive (1 Credit)	
Related Welding	1
	Heavy Duty Diesel Air & Hydraulic Brakes Heavy Duty Diesel Foundation Brakes Heavy Duty Diesel Electrical Systems Heavy Duty Diesel Computer Controls Heavy Duty Diesel Advanced Drivetrain Heavy Duty Diesel Advanced Engine Repair Heavy Duty Diesel Engine Systems Heavy Duty Diesel Capstone Commercial Driver's License-Theory Class A CDL-Behind the Wheel Range Class A CDL-Behind the Wheel Public Road Commercial Driver's License-Theory 2 Supportive (1 Credit)

### **Diesel Equipment Technology**

Associate Degree • 65 Credits • Financial Aid Eligible • Appleton • Full Time

10-412-1

Skilled diesel technicians are in high demand. Get the skills you need for a areat career in commercial motor vehicle maintenance, repair and advanced diagnostics. With this associate degree, you'll receive in-depth theory and extensive hands-on training in heavy-duty diesel engine maintenance, air brake and hydraulic brake systems, drivetrains, steering and suspensions, and electrical systems. You'll also gain skills in diesel engine rebuild and repair, engine systems, computer control systems and advanced drivetrain systems while you work on our fleet of over 75 diesel-powered over-the-road tractors and 55 trailers. The addition of math, communication, and social science courses provides you with a well-rounded education to help advance your career.

### **Career Opportunities**

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

Technical Studies (50 Credits)			
10-412-102	Introduction to Diesel Technology	4	
10-412-103	Heavy Duty Diesel Steering & Suspension	4	
10-412-104	Heavy Duty Diesel Engine Maintenance	4	
10-412-105	Heavy Duty Diesel HVAC & Cab Systems	4	
10-412-106	Heavy Duty Diesel Drivetrains	4	
10-412-107	Heavy Duty Diesel Air & Hydraulic Brakes	4	
10-412-108	Heavy Duty Diesel Foundation Brakes	4	
10-412-109	Heavy Duty Diesel Electrical Systems	4	
10-412-110	Heavy Duty Diesel Computer Controls	4	
10-412-116	Heavy Duty Diesel Advanced Drivetrain	4	
10-412-120	Heavy Duty Diesel Advanced Engine Repair	4	
10-412-123	Heavy Duty Diesel Engine Systems	4	
10-412-124	Heavy Duty Diesel Capstone	1	
10-442-120	Related Welding	1	
General Studies (15 Credits)			
10-801-195	Written Communication	3	
10-801-196	Oral/Interpersonal Comm	3	
10-804-123	Math w Business Apps	3	
10-809-166	Intro to Ethics: Theory & App	3	
10-809-199	Psychology of Human Relations	3	

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

32-412-2

Technical Diploma • 55 Credits • Partially Financial Aid Eliaible • Oshkosh

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

### **Career Opportunities**

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

Toursels Marshaust

Iruck Mechanic		
Occupational S	pecific (50 Credits)	Credits
10-412-129	Diesel Equipment Internship	1
10-412-141	FABTECH Air Conditioning	2
10-412-142	FABTECH Preventive Maint & Equipment Repai	r 5
10-412-143	FABTECH Shop Practices, Introduction to	4
10-412-148	FABTECH Engine Rebuilding	5
10-412-150	FABTECH Engine Testing & Diagnostics	5
10-412-151	FABTECH Electrical 1	5
10-412-154	FABTECH Electrical Power Generation 1	5
10-412-155	FABTECH Electrical Power Generation 2	4
10-412-157	FABTECH Fuel Systems 2	4
10-412-164	FABTECH Hydraulic Systems 1	3
10-412-172	FABTECH Fuel Systems 1	3
10-442-103	FABTECH Applied Welding	2
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 • 9 Credits • Not Financial Aid Eliaible • 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, knowledge and certifications you need to earn your Class A commercial driver's license (CDL) and start your career.

The Truck Driving program meets the licensure or certification educational requirements for Wisconsin and the College is not aware of whether the program meets the requirements for other states.

### **Career Opportunities**

Company Driver/Owner Operator	Driver Manager
Driver Mentor	Local/Regional/Long Distance Driver
ITI /Truckland Carriers	Recruiting Specialist

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

# Learning is about more than job skills. It's about becoming an exceptional you.

**Employability Essentials** are the knowledge and skills that every student should have by the time they graduate to meet the demands of the workplace, and they are woven into every aspect of the Fox Valley Technical College education. These are the skills needed to do the job, which include not only jobspecific technical skills but also professional skills that help you relate to and interact with others.



### **Exercise Adaptability:**

Anticipate changes while demonstrating resilience, innovation, and a growth mindset.

### **Apply Reasoning:**

Employ critical thinking, problem-solving, creativity, and evidence-based approaches.





### **Demonstrate Respectful and Responsible Collaboration:**

Work collaboratively using respect, accountability, ethical behavior, conflict resolution, and empathy.

### **Communicate Effectively:**

Demonstrate effective communication including interpersonal, digital literacy, and presentation skills





### **Demonstrate Social Responsibility:**

Demonstrate global awareness, engage with your college and community, and appreciate diverse perspectives and strengths.

### © 2025 Fox Valley Technical College.

Fox Valley Technical College is an Equal Opportunity/Affirmative Action institution, providing equal opportunity to all persons, including members of underrepresented racial and ethnic backgrounds, females, veterans and individuals of all abilities. For questions regarding the College's nondiscrimination policy, contact: Rayon Brown - rayon.brown6751@fvtc.edu (Affirmative Action), TitleIX@fvtc.edu (gender discrimination, including sex-based violence) or Daniel Squires - daniel.squires3328@fvtc.edu (disability related discrimination).

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.

### **FVTC Mission and Vision**

### Our mission is to:

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

### Our vision is to be:

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

### **Contact Us**

Admissions/Enrollment Services	www.fvtc.edu/Admissions	920-735-4740
Bookstore .	www.fvtc.edu/Bookstore	920-735-4732
Career Exploration	www.fvtc.edu/Explore	920-735-5696
Child Care Services	www.fvtc.edu/ParentChildCenter	920-735-5751
Counseling Services	www.fvtc.edu/Counseling	920-735-5696
Credit for Prior Learning	www.fvtc.edu/CreditForPriorLearning	920-735-4720
Credit Transfer to 4-Year Colleges	www.fvtc.edu/4YearCreditTransfer	920-735-4720
Disability Services	www.fvtc.edu/DisabilityServices	920-735-2569
Diversity & Inclusion Services	www.fvtc.edu/Diversity	920-735-4825
Employment Connections	www.fvtc.edu/EmploymentConnections	920-735-5627
Financial Aid	www.fvtc.edu/FinancialAid	920-735-5650
lousing .	www.fvtc.edu/Housing	920-735-5645
Program Preparation	www.fvtc.edu/ProgramPrep	920-735-5692
Scholarships	www.fvtc.edu/Scholarships	920-735-5608
Skills Assessment	www.fvtc.edu/SkillsAssessment	920-993-5139
Student Financials	www.fvtc.edu/PayingForCollege	920-735-4871
Student Life	www.fvtc.edu/StudentLife	920-735-2545
Tuition Information	www.fvtc.edu/Tuition	920-735-5645
/eterans Services	www.fvtc.edu/Veterans	920-735-5651

### **Campuses**

### Appleton

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

### **Oshkosh**

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

### **Regional Centers**

### Chilton

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

### Clintonville

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

### Waupaca

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

### Wautoma

556 S. Cambridge St. P.O. Box 650 Wautoma, WI 54982 920-787-3319 or 1-800-892-2077

### **Training Centers**

# Advanced Manufacturing Technology Center

4200 Poberezny Road Oshkosh, WI 54902 920-233-6101

### **ATW ARFF Training Center**

W6402 Pathfinder Dr. Appleton, WI 54914 920-560-1600

### **Construction Training Center**

4233 Waupun Road Oshkosh, WI 54902 920-232-6001

### D. J. Bordini Center

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

### **FABTECH Education Center**

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

### **Public Safety Training Center**

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

# S. J. Spanbauer Aviation & Industrial Center

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

# COMPCOT with Fox Valley Tech















More ways to stay up-to-date: www.fvtc.edu/Connect

# An Cash Your Potential

### Get the Skills for the Career You've Been Dreaming About

### At Fox Valley Technical College you'll find:

- The most efficient & affordable option for higher education in the Fox Valley.
- Instructors with real-world experience.
- Small class sizes for more personal learning.
- High graduate employment rate of 93%.
- A solid reputation in the community for over 100 years.

Apply for Admission Today! www.fvtc.edu/Apply





