THIS IS

LEGE

CENTER



VIEWBOOK 123-24

Hands-on Higher Ed



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All information in this publication is current as of September 2023. The most current information can be found on our website at wctc.edu.

WCTC prohibits discrimination or harassment based on any status protected by applicable state or federal law.

Waukesha County Technical College is accredited by the Higher Learning Commission (hlcommission.org), a regional accreditation agency recognized by the U.S. Department of Education. Member College of the Wisconsin Technical College System (WTCS).

I never knew college could be like this.

If packed lecture halls and soaring tuition rates are your thing, you definitely won't find them here. At WCTC, we're redefining the college experience. Our priority is getting you the real-world, hands-on skills you need to build the career of your dreams.

You'll learn in state-of-the-art training facilities using the latest technology available in your field. You'll connect in small classes with personal attention from instructors with decades of industry experience. You'll build strong relationships and an even stronger resume.

Go beyond the textbook at WCTC.

WCTC.EDU 262.691.5129 | enroll@wctc.edu

in 53072

Why WCTC?

The **"WOW"** Factor

Employers consistently hire WCTC grads, because they know they have the skills to hit the ground running on day one. With WCTC on your resume, you'll find the doors to new opportunities wide open.

Hands-on Higher Ed

You need more than credit hours and lecture halls to succeed in the workplace. That's why we're focused on skills instead of semesters. At WCTC, you'll gain hands-on experiences in real-world scenarios, all guided by industry leaders.

The Workforce Needs You

More than 14,000 Milwaukee-area jobs posted on Handshake each year directly relate to a WCTC degree. Skilled professionals are in high demand! Get the skills here, and get to work sooner.

Right In Your **Backyard**

Who knew you could find cutting-edge technical training so close to home? Our students learn in state-of-the-art labs on the latest technology available in their fields - all conveniently located in the heart of Waukesha County.

Affordable,

High-Quality Education

We believe that an exceptional education doesn't need to come with an impossible price tag. WCTC delivers an incredible value, with tuition and fees priced thousands below most public and private colleges in the state.



The WCTC Experience

We strive to give our students everything they need to succeed - in class, on campus and in their future careers. Our holistic approach delivers a wide range of academic services, as well as campus resources that support your mental, emotional and physical well-being.

Academic services

Whatever your academic journey looks like, WCTC is here to help you succeed. Explore our wide variety of academic resources, including:

- Welcoming study spaces
- Disability accommodations
- Career services
- Peer tutoring

ACADEMIC SUPPORT

wctc.edu/academic-support | 262.691.5311

Campus support

Make your college experience one to remember! Take advantage of all that WCTC's beautiful campus has to offer, including:

- Library
- Bookstore
- TechEx Center
- Style & Class Salon and Spa
- Student Life Center
- Free campus parking
- Armed Forces
- Student Center

- Dining options, including the HUB, the
- Classic Room and Bistro Multicultural
- **Engagement** Center
- Mental health counseling services
 - Student clubs and events

• Academic advising • Study skills and testtaking strategies • Academic support in reading, writing, math, science and more



"What we do, right from the beginning, is create a **community** and a sense that these students **belong here**."

Beth Wille, instructor

Electrical Engineering Technology - \$80,000 Dental Hygienist - \$68,068 Manufacturing Engineering Technology - \$67,500 Quality Management - \$66,110 Criminal Justice-Law Enforcement 720 Academy[‡] - \$65,000 Supply Chain Management - \$62,400 Truck Driving - \$62,000 Automotive Technology - \$60,274 Nursing (ADN) - \$59,000 Mechanical Design Technology - \$58,500

Wow-worthy Wages

Spend Less, Save Time

According to the Federal Reserve, U.S. borrowers owe \$1.75 trillion dollars in student loans, with the average debt being over \$37,000 per borrower. At WCTC, we believe that college doesn't have to be a debt sentence.

WCTC delivers an incredible value, with tuition and fees priced thousands below most public and private colleges in the state. Our goal is to help you earn your degree faster, so you can get into the workforce sooner. Find out just how affordable a WCTC education can be.

An average college course is three credits. Compare the cost per course at WCTC and other area institutions:

wcтс: **\$438**

University of Wisconsin Syste Alverno College: \$2,265 Carroll University: \$1,83 Marquette University: \$3,4 Milwaukee School of Enginee Mount Mary University: **\$1**

em (average): \$1,041	
5	
0	
405	
ering (MSOE): \$3,645	
800	

Source: Information compiled from the corresponding college or university public websites as of September 2023.

We recognize that our students have busy lives outside of school, often balancing work, family responsibilities, community involvement, social obligations and more. That's why WCTC is proud to offer a year-round academic calendar, designed with you in mind.

Most classes are offered in convenient 8-week terms, meaning you can complete more credits each semester, earn your degree faster and start your career sooner. We also offer a wide selection of online and hybrid courses, as well as fully online certificate, diploma and degree programs you can complete from anywhere. We encourage our students to take a course load that works for them, whether that is full-time, part-time or just one class at a time.

Building on You

Credit for prior skills and employer tuition assistance

Credit for prior learning

Save time, save money and earn credit for what you already know. Earn credit for the college-level knowledge and skills that you've already acquired through advanced high school classes, previous college coursework, self-study, military training, work or volunteer experience. Credit for prior learning comes in a variety of forms:

- High school dual credit
- Transfer credits from other colleges
- Credit by national exams
- Credit by WCTC assessment
- Credit for military experience

Reach your goals faster and more affordably with prior learning credits at WCTC.

CREDIT FOR PRIOR LEARNING wctc.edu/prior-learning | 262.691.5129 | enroll@wctc.edu

Employer tuition assistance

Many area employers offer tuition assistance programs that can help you continue your education. You may be eligible to complete job-related coursework at no cost to you. Check with your employer's HR department to find out more about the amount and types of tuition assistance that may be available.

Shake Things Up

A nontraditional occupation is any job in which your gender makes up less than 25 percent of the workforce – for example, women in the skilled trades or men in healthcare. We love seeing our students break through barriers in industries historically dominated by one gender.

Those working in NTOs may find:

- Increased job satisfaction
- Higher wages
- More job opportunities
- Good benefits
- More opportunities for advancement

WCTC regularly offers free workshops and one-on-one coaching to help you discover ways to break the mold.

High School Dua Crecit

Get a head start in high school

Every year, thousands of Wisconsin high school students earn college credits through the state's technical colleges. By taking courses that count toward both your high school and college requirements, you can save significant time and money. Talk to your high school counselor about which option is right for you.

"There is no better use of a senior year than to get an **introduction to college** and an introduction to industry."

Max Czechowski, AST 2018 graduate, former DEA student







Dual Enrollment Academy (DEA)

Youth apprenticeship

High school juniors and seniors can take part in a rigorous program that combines academic and technical classroom instruction, paid work experience and mentored on-the-job learning in a skilled career area.

Start College Now

Transcripted credit

program.

WCTC Excelerate

Most WCTC programs are now open to qualified high school juniors and seniors. This new option is great for students who already have a clear idea of which program they'd like to pursue, and it provides access to perks like academic advising, priority course registration and more.

Satisfactory scores on Advanced Placement (AP) Exams

score on AP exams.

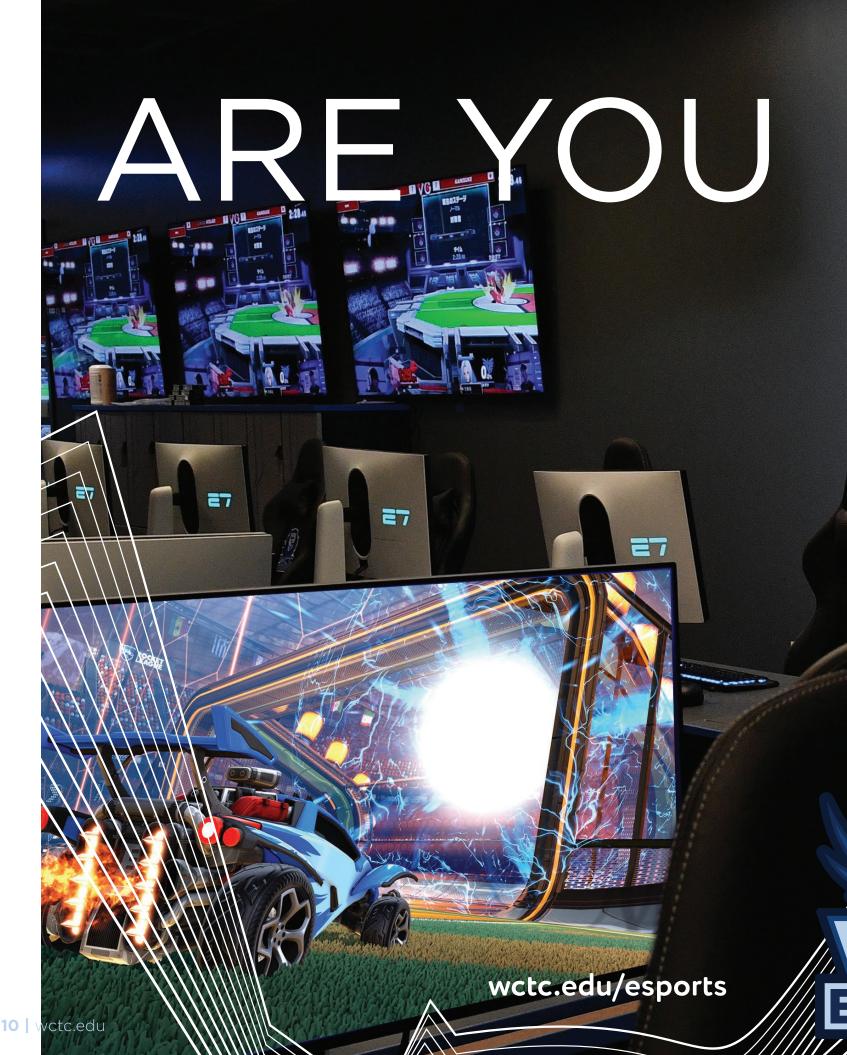
EARLY COLLEGE OPPORTUNITIES wctc.edu/hs-dual-credit ECO@wctc.edu | 262.691.6513

High school juniors and seniors can get a head start in careers in highdemand fields and the chance to earn up to 29 college credits and an industry-recognized credential.

Public high school juniors and seniors can take postsecondary courses at Wisconsin technical colleges during high school, earning college and high school credits simultaneously.

Transcripted credit agreements allow students to take WCTC courses at their high school, while earning both WCTC transcripted credit and high school credit. Get a head start by applying this credit toward a WCTC

Students can earn credit for a WCTC course by achieving a satisfactory



GAME? Calling all gamers, enthusiasts and competitive in WCTC's state-of-the-art esports lab, designed to

This new facility is home to 18 Alienware Aurora R15 gaming stations plus streaming equipment to broadcast live to audiences across the world.

Players can compete individually or as a team in popular games like League of Legends, Overwatch, Fortnite, Rocket League and more.

We know that gaming is more than just pixels on a screen. Esports can improve critical thinking, problem solving and time management. This highly competitive industry can open doors to a wide variety of career opportunities and foster lifelong connections.

Whether you're a casual gamer or a seasoned pro, we'd love to see you there.

LET THE GAMES BEGIN!

spirits! Get ready to level up your gaming experience provide students the ultimate gaming experience.

wctc.edu | 11

Start Your >>>> **Bachelor's** Degree at WCTC

A Liberal Arts Transfer Degree from WCTC provides the first two years of most bachelor's degrees and is designed for a seamless transfer of credits into a four-year college or university.



12 wctc.edu

ASSOCIATE OF ARTS Build a solid foundation for bachelor's degrees in majors like communications, psychology, education and more.

ASSOCIATE OF SCIENCE Earn valuable credits while building advanced skills in areas like 🔇 math, science, engineering and more.

Why start here?

DESIGN YOUR DEGREE: Work directly with your advisor to build a customized set of courses from a variety of academic areas.

FLEXIBLE SCHEDULE OPTIONS: Our Associate of Arts and Science degrees can be completed entirely at night, with courses offered in convenient 8-week terms.

GUARANTEED ADMISSION: Upon graduation, all 61 credits will transfer to UW-Milwaukee and other four-year institutions in Wisconsin and beyond.

AFFORDABLE PATH: Most courses in these programs cost less than \$150 per credit. Plus, save on parking, housing and other expenses by staying close to home.

Learn more: wctc.edu/liberal-arts

If you're interested in continuing your education at a four-year college or university, WCTC makes it easy. Numerous transfer agreements allow our degree graduates to transfer credits into a baccalaureate program, often at junior-level standing.

Unique partnerships Bachelor's degree completion options

ELECTRICAL AND MECHANICAL ENGINEERING

Transfer your WCTC credits to UW-Milwaukee or Marquette University and begin your bachelor's degree in Engineering at junior-level standing. Additionally, you can transfer to Milwaukee School of Engineering (MSOE) in their transfer track Engineering programs.

EARLY CHILDHOOD EDUCATION

Complete the Early Childhood Education associate degree at WCTC, and you can directly transfer up to 50 credits to UW-Whitewater's Early Childhood Education BSE program.

NURSING - ASSOCIATE DEGREE

Complete your associate degree in Nursing at WCTC, then take the national licensing exam to become a Registered Nurse. Continue your journey and earn your BSN at Mount Mary University, Concordia University and countless other institutions in as little as two years.

Transfer Options after WCTC

Success within Reach

Timeline to enroll

Follow these steps to start your journey at WCTC. Our friendly Admissions staff is here to help with any questions you have along the way. A few things to keep in mind:

- Deadlines and requirements may vary by program
- Find the most up-to-date information on your program's webpage at wctc.edu/programs

WCTC ADMISSIONS

wctc.edu/apply | 262.691.5129 | enroll@wctc.edu



COMPLETE THE ONLINE **NEW STUDENT ORIENTATION (NSO)**

With NSO, you'll receive information on campus resources and a New Student Advising Guide that will prepare you to register for courses. Learn more at wctc.edu/orientation.

Students who are **not** enrolling in an start here!

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Enroll REGISTER FOR CLASS

Course registration is on a first-come, first-served basis, so register early to guarantee your course selections. Create your student account at wctc.edu/registration.

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Financial Aid

Designed to meet your needs

WCTC's Financial Aid office can help you secure financial aid, so you can focus on your studies instead of worrying about how to pay for school. You can use financial aid to offset the cost of tuition, fees, books and supplies. Aid comes in a variety of forms, including loans, grants, work-study and scholarships. Get started by filling out the Free Application for Federal Student Aid (FAFSA) – don't miss out on money that can help you pay for college!

Loans..... Money that must be paid back with interest

Work-study Money earned through a job on campus

Grants and Scholarships Money that does not need to be repaid

FINANCIAL AID OFFICE wctc.edu/finaid | 262.691.5436 | money@wctc.edu FAFSA code for WCTC: 005294

Scholarships

WCTC offers scholarships for students in nearly every program area, as well as specialty scholarships that benefit nontraditional students, minority students and students with disabilities. A wide variety of external scholarships are also available to WCTC students. These awards can be merit-based, need-based and program- or career-specific and do not need to be paid back. Take the time to apply for scholarships, and your efforts could be richly rewarded.

WCTC SCHOLARSHIPS OFFICE wctc.edu/scholarships | scholarships@wctc.edu



Veterans Benefits

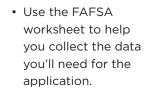
Veterans and their dependents are eligible for a variety of state and federal benefits, and WCTC's Armed Forces Student Center is happy to help you navigate the process. Take advantage of additional financial assistance, priority registration and our deployment refund policy.

ARMED FORCES STUDENT CENTER wctc.edu/veterans | 262.691.5431 | veterans@wctc.edu

COMPLETE THE FAFSA

Once you've been accepted into an eligible WCTC program, complete the FAFSA online at fafsa.gov. WCTC's school code is

005294. Tips:



 Submit by March 31 for additional grant opportunities.

Complete yours early - don't miss out on money that can help you pay for college!



TRACK YOUR

completed and submitted the FAFS track your financial aid status on your myWCTC account. If additional documentation is required, you will be notified.

Applying for **Financial Aid**

Get help paying for college



You'll receive an email at your WCTC address when your award offer is ready for review on myWCTC. You are not required to borrow, and you may borrow less than the offer. It is important to follow all instructions on the award offer. as there may be additional steps you must complete before your aid will disburse.

APPLY FOR SCHOLARSHIPS

The WCTC Foundation offers many scholarships that can help you pay for tuition and books. Apply on myWCTC by June 30 for fall semester and by October 31 for spring.



Architecture and Construction

Education and Human Services

Business, Management and Finance

Now Training VISIONARIES

WCTC now offers two exciting opportunities to delve into the field of artificial intelligence and machine learning:

Foundations of AI | 17-credit Technical Certificate

Learn important data skills to support AI, including how to extract, analyze and prepare data for AI algorithms.

Al Technician | 23-credit Technical Certificate

Go beyond foundational AI skills and dive into machine learning algorithms for predictive analysis, computer vision and natural language processing.

Designed with input from top area employers, these real-world training programs equip you with the foundation of knowledge and practical skills required to work with AI systems across a wide array of industries. You'll gain insight into Al's role in automation, decision-making and problemsolving while exploring algorithms, programming and data processing techniques.

The demand for skilled AI professionals is booming. Are you ready to shape the future?

Communications

Health

Graphic

Hospitality, Culinary and Design



Information Technology



Liberal Arts and General Studies



Manufacturing



Protective Services



Science, Technology, **Engineering and Math (STEM)**



Transportation

Define Your Path

Associate of Applied Science Degree

Combine hands-on training with critical life skills. Full-time students can achieve a degree within two years.

Technical Diploma

Hands-on, occupation-specific training that can take as little as one semester, one year or two years to complete.

Apprenticeship

Earn while you learn with this unique opportunity to combine paid, on-the-job training with related coursework. Learn more at dwd.wisconsin.gov/apprenticeship.

Certificates

Streamlined training opportunities to refine certain skills, master a new subject or broaden career credentials.

Liberal Arts Transfer Degree

Complete the first two years of your bachelor's degree at WCTC with an Associate of Arts or Associate of Science degree.

Pathways

While working toward your associate degree, you'll earn valuable credentials along the way. Or, you can start by stacking credentials to build toward a degree in manageable segments - a perfect approach for the working adult. Each step in a pathway improves career and income potential.

ARCHITECTURE AND CONSTRUCTION

Architectural Drafting/ Construction Technology

60-credit AAS I wctc.edu/architectural-tech

Architectural drafters work with engineers or architects to create technical design solutions as they relate to a building's functionality, performance and aesthetics. In this program, develop knowledge of building materials, systems and construction technology to produce drawings for construction from computer-aided drafting (CAD) applications or cutting-edge, computer-generated virtual models.

[°] Can be combined with the Interior Design program (page 29) to complete two associate degrees in three years.

Building Trades - Carpentry 27-credit TD I wctc.edu/carpentry

Carpenters complete jobs large and small - from building highways to installing cabinetry. In this program, become proficient at using power tools, hand tools and other equipment, and work with lumber, fasteners and hardware. Develop skills for framing, roofing and exterior/interior finish work, and study blueprint reading, math and estimating.

Why WCTC?

MAXIMIZE YOUR DEGREE POTENTIAL! EARN TWO DEGREES IN JUST 3 YEARS.



Construction Management Technology

60-credit AAS I wctc.edu/construction-mgmt

Gain the knowledge and skills needed to be a leader in residential, commercial or industrial construction. Hone your technical and engineering skills while exploring the business and management aspects of the industry. Learn how to manage contractors and construction workers to meet project deadlines and overcome potential obstacles.

Concrete Finishing (ABC)

12-credit APPR I wctc.edu/concrete

Concrete finishers help build highways, skyscrapers, houses and other concrete structures. They finish flat surfaces such as floors, foundations and roadways, as well as vertical surfaces including walls, beams and girders. Receive high-quality, hands-on classroom instruction that complements onthe-job apprenticeship training critical for success in the industrial trades.

Electrician (ABC)

16-credit APPR I wctc.edu/electrician

Electricians specialize in handling all types of electrical systems for residential and commercial structures. They set up, repair and maintain wiring and electrical components including breaker boxes, switches, light fixtures, and telephone and television wiring. Receive high-quality, hands-on classroom instruction that complements on-the-job apprenticeship training critical for success in the industrial trades.

WCTC PROGRAM LISTING

Electricity

26-credit TD I wctc.edu/electricity

Learn to apply key electricity skills and knowledge in commercial, residential and industrial settings. Explore the National Electrical Code and emerging trends in the industry. Learn to read construction drawings and use appropriate safety measures when working with electricity.

Plumbing (ABC)

16-credit APPR I wctc.edu/plumbing

Plumbers possess the skills and knowledge to plan, install and service plumbing systems, which can include those connected to washers, bathtubs, sinks, toilets, and heating and cooling systems. Receive high-quality, hands-on classroom instruction that complements on-the-job apprenticeship training critical for success in the industrial trades.

Refrigeration, Air Conditioning and Heating Service Technician

28-credit TD I wctc.edu/heating-cooling

Heating, ventilation and air conditioning systems are critical in residential, commercial and industrial settings, and this field is one of the fastest-growing skilled trades. In this program, learn to safely install, maintain and service HVAC equipment.

Refrigeration Service | 9-credit Cert



BUSINESS AND MANAGEMENT

Accounting

61-credit AAS I wctc.edu/accounting

Accountants play a critical role in the fiscal management of any organization – large or small. The fast-paced business environment depends on sound financial processing, controls and decision-making. Discover how to prepare, interpret and analyze financial information; master accounting fundamentals; and develop extensive computer skills in business-based software programs.

Accounting Assistant

26-credit TD I wctc.edu/accounting-asst

Learn to perform entry-level bookkeeping and accounting work through real-world scenarios and simulations. Combine handson computer training with accounting concepts and procedures. Prepare for work in a wide variety of business types and sizes.

Computerized Accounting Specialist I 18-credit Cert

Accounting in Healthcare I 18-credit Cert

Tax for the Non-Accountant I 12-credit Cert



Business Management

60-credit AAS I wctc.edu/business-mgmt

Business managers set objectives, delegate tasks and manage personnel while providing solid leadership to ensure success. In this program, acquire a broad business background to enhance the ability to make sound decisions. Learn how to plan, organize, direct and evaluate business functions essential for a business to run productively and efficiently.

Customer Service Specialist

16-credit TD I wctc.edu/customer-service

Now more than ever, good customer service is key to a company's success. Learn to manage orders efficiently, communicate with customers effectively and address concerns in a professional manner. Hone organization, self-motivation and teamwork skills that can be applied to customer service positions in a wide variety of industries.

Import/Export Specialist

10-credit TD I wctc.edu/import-export

Companies involved in global business must comply with rules and regulations for importing and exporting products. Learn about key logistics concepts and U.S. trade regulations that focus on export controls and import processes.

Global Marketing | 12-credit Cert

Global Trade Finance I 15-credit Cert



BUSINESS AND MANAGEMENT (CONTINUED)

Human Resources

60-credit AAS I wctc.edu/human-resources

Human resources adds value to an organization by managing its most important resource – people. HR professionals attract, recruit and hire staff; provide details about programs and benefits; maintain employment records; and work with payroll. Explore employment law, employee training and development, compensation and benefits administration, labor relations, and wellness and safety initiatives.

[°] Can be combined with the Leadership Development program to complete two associate degrees in three years.

Human Resource Professional

18-credit TD I wctc.edu/human-resource-professional

Matching the right employees with the right positions and effectively managing personnel contribute to a company's overall success. Develop skills in the recruitment, development and evaluation of employees. Cultivate management abilities in planning, organizing, controlling and directing the work of others. Explore employer liabilities and legalities, and gain familiarity with employment law.

Compensation and Benefits Specialist I 12-credit Cert

Talent Acquisition Specialist I 14-credit Cert

Leadership Development

60-credit AAS | wctc.edu/leader-dev

This program is designed for new leaders and people aspiring to move into a leadership position. Leaders will gain additional skills to measure and improve quality, think critically, solve problems, organize and build work team relationships, and develop and maximize human resources.

[°] Can be combined with the Human Resources program to complete two associate degrees in three years.

Organizational Leadership

18-credit TD I wctc.edu/org-leadership

In today's changing workplace, effective leadership skills are needed to inspire employees and achieve business goals. Develop skills in the foundations of functional management, proactive leadership and systems improvement for entry-level supervisory positions. Learn how to communicate clearly with employees, better manage conflict and develop the confidence of others.

Excellence in Leadership I 9-credit Cert

Marketing

63-credit AAS I wctc.edu/marketing

Marketing plays a fundamental role in business by creating, communicating and delivering products or services. In this dynamic, hands-on program, gain a comprehensive understanding of business and marketing fundamentals. Develop skills in advertising, customer service, communication, sales and strategy. Explore the latest trends and technology in digital and experiential marketing.

Digital Marketing Promotions

18-credit TD I wctc.edu/digital-mktg

Gain the technical and communication skills needed to develop and manage integrated digital marketing campaigns. Learn to identify and target potential customers and create appropriate content for a variety of audiences using websites, email campaigns, social media and online advertising. Explore how to use platform-based analytics to measure campaign effectiveness.

Social Media Marketing I 10-credit Cert

Marketing Management I 12-credit Cert

Marketing Leadership & Innovation | 18-credit Cert Marketing Media | 23-credit Cert

WCTC PROGRAM LISTING

Quality Management



60-credit AAS I wctc.edu/quality-mgmt

Quality management (QM) is a commitment to understanding a customer's precise needs and delivering results on time and within budget. This program offers strategic skill sets in preparation for QM practices that extend to suppliers and distributors, including global supply chain networks.

Lean/Six Sigma

21-credit TD | wctc.edu/lean-six-sigma

Prepare to lead and facilitate continuous improvement project teams by using Lean and Six Sigma practices, including data analysis, process documentation, project management and risk analysis.

- Six Sigma Black Belt I 6-credit Cert
- Six Sigma Green Belt | 9-credit Cert
- Lean Enterprise I 12-credit Cert

Why WCTC?

DEDICATED INSTRUCTORS WITH REAL-WORLD WORK EXPERIENCE BRING ENTHUSIASM TO THE CLASSROOM.

BUSINESS AND MANAGEMENT (CONTINUED)

Real Estate

62-credit AAS | wctc.edu/real-estate

Prepare for a rewarding career in real estate sales, property management, mortgage lending, property appraisal or property assessment. Study real estate law, real estate finance, building design and structure, accounting and real estate investments in an active learning environment, while earning valuable industry credentials along the way.

Property Management Associate

18-credit TD I wctc.edu/property-mgmt

Property management combines real estate knowledge with management skills. Explore topics including property inspection, budgeting and maintenance program development. Learn to project trends in tenant needs and rental rates. Gain an understanding of management leasing to commercial properties including office buildings, shopping centers and industrial properties.

Mortgage Lending | 12-credit Cert

Property Assessment | 11-credit Cert



Supply Chain Management

62-credit AAS I wctc.edu/supply-chain-mgmt

Businesses of all sizes rely on effective supply chain management to ensure an efficient flow of goods and services. Learn how to prepare and implement a comprehensive supply chain strategy. Plus, explore how lean principles can improve wasteful processes for a more efficient supply chain.

Supply Chain Professional

25-credit TD I wctc.edu/supply-chain-prof

Effective supply chain operations ensure an efficient flow of goods and services. Explore transportation, operations management, purchasing, logistics management, and supplier selection and evaluation. Learn how lean principles can improve wasteful processes to increase productivity, work quality and customer/stakeholder satisfaction. Develop skills in accounting, Excel, problem solving and critical thinking.

Supply Chain Specialist I 12-credit Cert

Change Management I 12-credit Cert Entrepreneurship I 17- Credit Cert Operational Effectiveness I 12-credit Cert

EDUCATION AND HUMAN SERVICES

Cosmetology

37-credit TD I wctc.edu/cosmetology

Those working in cosmetology have a taste for style, helping clients enhance their experience and look their best. Combine theory with practice to study haircutting, styling, color, perm waving, chemical relaxing, and learn about nail and skin care. Learn business aspects of working in a salon, including professional and personal development, communication and Wisconsin law.



WCTC PROGRAM LISTING

Master Aesthetician

60-credit AAS I wctc.edu/skin-care-adv

Go beyond the basics of aesthetics by learning the skills and techniques needed to perform skin care services in medical settings. This program provides training in advanced skin treatments like chemical peels, microdermabrasion and various laser treatments. Train to work in plastic surgery, dermatology, medical spas and other medical environments.

<u>88</u>8

EDUCATION AND HUMAN SERVICES (CONTINUED)

Early Childhood Education

60-credit AAS I wctc.edu/early-edu

Learning that happens in early childhood settings provides children with a strong educational foundation. In this program, gain an understanding of the principles of early childhood education and learn to facilitate young children's learning and development through class work and practical experience. Explore child development, child behavior, developmentally appropriate practices and strategies for working with parents.

Early Childhood Education Preschool (Registry Credential) 24-credit TD I wctc.edu/preschool

Gain specialized training to work directly with preschool-aged children in a variety of early care and education settings. Learn to support the healthy growth, development and learning of children ages three to five years.

Infant Toddler Credential I 12-credit Cert

Child Care Administrator Credential (Wisconsin) I 18-credit Cert

Foundations of Teacher Education

60-credit AAS | wctc.edu/teacher-ed

Those working with elementary/middle school students understand the complex educational issues involving children. In this program, acquire skills to help students learn by providing individualized instruction under the supervision of a licensed teacher. Provide support with reading, writing, math and science; develop strategies to guide young children's behavior; and gain skills to work with children with special needs.

Instructional Strategies | 18-credit Cert

Inclusion | 15-credit Cert

Autism for Educators I 9-credit Cert Developmental Disabilities I 12-credit Cert

WCTC PROGRAM LISTING

Human Services Associate

60-credit AAS I wctc.edu/human-services

Human services professionals provide resources, counsel and assistance to individuals in an effort to improve their quality of life. In this program, develop and practice direct client care, treatment, rehabilitation, education and behavioral direction to individuals or groups. Learn behavioral rehabilitation techniques, counseling methods, ethics and family systems. Those in this field work closely with social workers, psychologists and counselors.

Youth Care Counselor I 15-credit Cert

Substance Use Disorder Counseling

60-credit AAS I wctc.edu/sud-counseling

Prepare to work with people experiencing substance use disorders by developing skills in counseling, addiction assessment, case management/treatment planning, group facilitation, trauma-informed care and crisis management.

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GRAPHIC COMMUNICATIONS

63-credit AAS I wctc.edu/front-end-web-dev

Prepare for an exciting career designing and developing websites. Learn to create the visual and interactive elements for users of web applications. Gain hands-on experience while building a portfolio and exploring topics including HTML, CSS, JavaScript, PHP, user interface design, responsive web design, project management, content management systems and more.



Graphic Design

60-credit AAS I wctc.edu/graphic-design

Graphic designers create appealing, informative and on-message visual communications requested by clients. In this program, design materials for business, industry and nonprofit areas. Refine creative processes in layout and illustration for print and web campaigns. Advance your knowledge of Adobe InDesign, Photoshop and Illustrator software, as well as pre-press and various printing (Digital, offset and flexographic) methods.

Digital Production/DTP I 15-credit Cert

Web Design I 17-credit Cert

HEALTH

Central Service Technician

6-credit TD I wctc.edu/central-service

Central service technicians provide patient care services in the healthcare facility by maintaining the equipment and supplies used in hospital and clinical settings. Learn the principles, procedures and skills needed to process, package, sterilize and distribute tools and equipment used in surgery and other patient care areas.

Dental Assistant

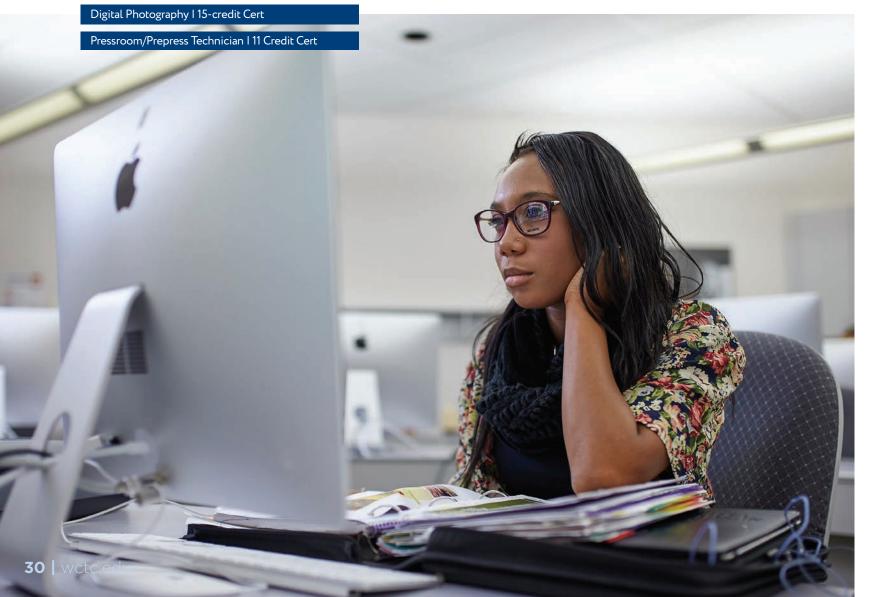
16-credit TD I wctc.edu/dental-asst

Dental assistants perform a variety of patient care, office and laboratory responsibilities. In this program, learn to use dental equipment, expose and process radiographs, assist with dental emergencies, record medical and dental information, maintain a supply inventory, and perform related dental office and laboratory procedures under the direction and supervision of a dentist.

Dental Hygienist

69-credit AAS I wctc.edu/dental-hygiene

Dental hygienists educate patients on good oral hygiene, and they perform preventive dental care, such as teeth cleaning to remove tartar, stains and plaque; apply sealants and fluoride treatments; and develop x-rays. In this program, learn to provide therapeutic/ preventive services with a dentist and become involved in dental health counseling.



WCTC PROGRAM LISTING

Health Information Technology

64-credit AAS I wctc.edu/hit

Health information technicians contribute to the quality of care by collecting, analyzing and reporting healthcare data while protecting the integrity and security of patient health information. In this program, gain knowledge of disease processes and treatments, data and information standards, regulatory and ethical issues, and application of organizational management skills.

Medical Coding Specialist

28-credit TD I wctc.edu/med-coding

Medical coders review physician documentation in records in order to assign diagnoses and procedure codes used for reimbursement and data purposes. Medical coders work in hospitals, physician's offices, other healthcare facilities and insurance companies. In this program, learn two different systems in order to assign codes to the reimbursement systems for patient and outpatient coding.

"I began this journey to achieve new technical skills so I could help supplement my family income upon my husband's retirement, and I feel blessed to have **found my passion**."

Darsi Matyszczyk, Health Information Technology

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HEALTH (CONTINUED)

Medical Assistant

32-credit TD | wctc.edu/med-asst

Medical assistants' work directly influences the public's health and well-being. They perform administrative, laboratory and clinical duties in the offices of physicians, podiatrists, chiropractors and other healthcare practitioners. In this program, learn to take health histories, measure vital signs, administer medications, perform electrocardiograms, conduct laboratory tests among other tasks.

Introduction to Health Careers I 8-credit Cert

Medical Interpreter for Healthcare

16-credit TD I wctc.edu/lang-interp

Medical interpreters facilitate communication between Spanish-speaking patients and their physicians, nurses and other healthcare providers to convey accurate messages. Gain knowledge needed to provide medical language interpretation for limited Englishproficient patients and families. Interpreters are skilled in spoken and written translation and interpretation, nonverbal communication and nuances of various dialects and subcultures.

Nursing Assistant (CNA)

2-credit TD I wctc.edu/nursing-asst

Learn fundamental nursing assistant skills through lectures, demonstrations and skills practice in this 99-hour program. After mastering the skills, complete training in a nursing home or hospital setting under the supervision of an instructor. Medication Assistant course is available for gualified CNAs. See wctc.edu for information.

Nursing - Associate Degree

65-credit AAS I wctc.edu/nursing

Nurses are key to the healthcare team, serving as caregivers, educators and patient advocates. Integrate the science and art of nursing to prepare for the national licensing exam to become a registered nurse. Licensed nurses may work in hospitals, clinics, long-term care facilities or on the business side of healthcare.

Additional Pathways to the Nursing -Associate Degree program are available: - Licensed Practical Nursing (LPN) to Nursing - Associate Degree - Parmedic to Nursing Associate Degree

Why WCTC?

DEDICATED INSTRUCTORS WITH REAL-WORLD WORK EXPERIENCE BRING ENTHUSIASM TO THE CLASSROOM.

WCTC PROGRAM LISTING

Phlebotomy Technician

16-credit TD I wctc.edu/phlebotomy

A phlebotomy technician's primary responsibility is drawing blood and conducting other specimen collections. They must recognize conditions that might alter collections, correlate types of lab tests to the written diagnosis, and communicate with the lab and patients. Learn to draw blood from a patient for laboratory analysis, understand lab test requirements and maintain specimen quality.

Introduction to Health Careers I 7-credit Cert

Medication Assistant I 2-credit Cert

Surgical Technology

65-credit AAS I wctc.edu/surg-tech

The surgical technologist's primary task is to assist the surgeon in the operating room. In this program, develop knowledge in human anatomy, microbiology and medical terminology, and learn to identify and handle surgical instruments and equipment. Spend time in a hospital operating room to apply knowledge and skills in actual surgical conditions.

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HOSPITALITY, CULINARY AND DESIGN

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Baking and Pastry Management

61-credit AAS I wctc.edu/baking-pastry-mgmt

Bakers prepare items such as breads, pastries, muffins and other items for general sale or specialty orders. Gain hands-on practice in state-of-the-art baking labs, while focusing on ingredients, techniques and production skills. Develop management skills and expand techniques of production, cost and staff control in the operation of a bakeshop.

Baking and Pastry Production

27-credit TD I wctc.edu/baking-pastry

Professional bakers possess the skills and creativity necessary to prepare everything from artisan breads to decadent desserts. Focus on baking concepts, principles and techniques, and devote more than 500 hours to lab course time gaining hands-on practice. Learn to prepare specialty breads, desserts and pastries, and refine techniques in cake production and decorating.

61-credit AAS I wctc.edu/culinary-mgmt

Culinary management is a field for those who are passionate about food and business savvy, and want to combine the two for a rewarding career. Devote 1,000-plus lab hours to learn the latest culinary techniques and trends, and gain practical, hands-on experience in meal planning, preparation, presentation and serving at the on-campus training restaurant.

Food Service Production

30-credit TD I wctc.edu/food-service

It takes a well-trained kitchen staff to create a memorable dining experience for restaurant patrons, and those in food service production are an integral part of that team. In this program, develop proper cooking methods and learn techniques for hot and cold food preparation, baking and garde manger.

Culinary Skills I 12-credit Cert

Hospitality Management 62-credit AAS I wctc.edu/hospitality-mgmt

Those in the hospitality industry know the importance of a warm, welcoming reception and the friendly treatment of guests. The vast industry encompasses management careers in full-service resorts, fine-dining restaurants, cruise ships and more. Develop skills in supervision, budgeting, marketing and purchasing as related to the hospitality industry, including food service, lodging and tourism.





"I am **grateful for the instructors** who took time and worked alongside me to get me where I am at today."

Kelly Gonzales, Baking and Pastry Management

WCTC PROGRAM LISTING

Hospitality Specialist

29-credit TD I wctc.edu/hospitality-specialist

The leisure and hospitality industry includes fullservice hotels and resorts, fine-dining restaurants, bed and breakfast inns, cruise ships, casinos, and theme and amusement parks. Those working in this industry train to work in various areas such as lodging, event planning, operations and more. In this program, focus on supervision, budgeting, marketing and purchasing skillss

InteriorDesign

64-credit AAS I wctc.edu/interior-design

Interior designers have a flair for combining color and texture with design elements to create aesthetically pleasing and environmentally friendly surroundings. In this program, develop a strong foundation in computer-assisted design, furnishings, lighting, textiles and sales. Learn the fundamentals for success in the field, including designing interiors for residential and commercial spaces. [°] Can be combined with the Architectural Drafting/ Construction Technology program (page 20) or Interior Design - Kitchen and Bath Design to complete two

associate degrees in three years.

Interior Design - Kitchen and Bath Design

60-credit AAS I wctc.edu/kitchen-bath

Learn to create aesthetically pleasing, environmentally focused kitchen and bath spaces. Gain foundational design skills and a specialized understanding of kitchen and bath features. Build expertise in cabinetry, fixtures, appliances, and electrical and plumbing solutions. Learn to work with architects and builders, specifying materials and producing floor and lighting plans.

["] Can be combined with the Interior Design program to complete two associate degrees in three years.



INFORMATION TECHNOLOGY

Al Technician I 23-<u>credit Cert</u> Foundations of AI I 17-credit Cert Foundations of Data Analytics I 12-credit Cert

Python Programming I 4-credit Cert

IT - Computer Support Specialist

60-credit AAS I wctc.edu/computer-support

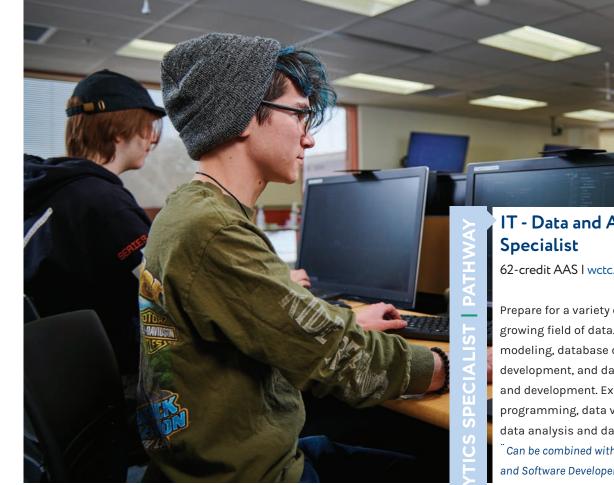
Computer support specialists install equipment, assist computer users with technology or software issues, troubleshoot when technical or application problems arise, and serve as a resource for end users. Gain skills in problem-solving, team building, service management and interpersonal communication. Become proficient at installing and updating computer software, and working with hardware and networks. " Can be combined with the IT - Network Specialist program (page 37) to complete two associate degrees in three years.

Desktop Support Technician

26-credit TD I wctc.edu/desktop-support

Desktop support technicians are among the first ones called when a technology problem arises with an employee's computer or a company's network. They provide remote or on-site support, troubleshooting and problemsolving. Develop skills in hardware/software installation and configuration, troubleshooting and problem resolution, customer support and networking fundamentals.

IT Support Technician I 10-credit Cert



IT - Cybersecurity Specialist

63-credit AAS I wctc.edu/cyber-spec

Cybersecurity specialists implement, maintain and audit the security of an organization's computer networks and systems. Learn to protect data confidentiality, integrity and availability by implementing current real-world technology, processes and procedures. Emphasis is placed on vigilant security awareness, identifying security threats and implementing appropriate incident responses.

["]Can be combined with the IT - Network Specialist program (page 37) to complete two associate degrees in three years.

IT Security Administrator I 17-credit Cert

IT Security Manager I 22-credit Cert

CAE2Y Cybersecurity | 32-credit Cert

IT - Data and Analytics

62-credit AAS | wctc.edu/data-spec

Prepare for a variety of careers in the rapidlygrowing field of data. Gain skills in data modeling, database development, report development, and data warehouse design and development. Explore the basics of programming, data visualization, statistical data analysis and data analytics. Can be combined with the IT - Web and Software Developer program (page 38) to complete two associate degrees in three years.

Business Systems Analyst I 10-credit Cert

Database Server Administrator I 8-credit Cert

- Database Developer I 14-credit Cert
- Data Warehouse Developer I 20-credit Cert
- Report Analyst I 10-credit Cert

WCTC PROGRAM LISTING

IT - Network Specialist

62-credit AAS I wctc.edu/network-spec

Network specialists create and maintain computer systems essential for day-to-day business operations, ensuring network security and connectivity. Install and troubleshoot network and client operating systems, configure routers and switches, and manage remote clients and devices. Explore cloud security, cost and core services, and understand and implement virtualization in an enterprise.

Can be combined with the IT - Cybersecurity Specialist program (page 36) or IT - Computer Support Specialist (page 36) to complete two associate degrees in three years.

IT - Cloud Technical Solution Specialist 27-credit TD I wctc.edu/cloud-tech

Learn to research, implement, manage, maintain, monitor and troubleshoot a secure cloud infrastructure essential for day-to-day business operations. Leverage cloud services to meet business objectives, and explore cloud security, cost, core services and business continuity. Implement the visibility of data for governance and auditing.

Network Enterprise Administrator

28-credit TD I wctc.edu/network-enterprise-admin

Computer networks are a critical part of almost every organization and affect our daily lives. Network enterprise administrators are responsible for the dayto-day operations and security of these networks. Gain valuable hands-on experience in computer hardware, Cisco networking, Microsoft and Linux operating systems, virtualization/storage technologies and security system hardening techniques.

Enterprise Support Technician I 12-credit Cert

IT Network Support Specialist I 12-credit Cert

Storage And Virtualization Administrator I 15-credit Cert

Cisco CCNA I 9-credit Cert

INFORMATION TECHNOLOGY (CONTINUED)

IT - Web and Software Developer

62-credit AAS | wctc.edu/web-software

Creating interactive, inviting and functional web applications requires the skills of a web and software developer. Learn to develop software solutions using multiple programming languages, tools and frameworks. Apply design patterns, object-oriented analysis and SOLID principles to create robust and scalable applications. Explore web server administration and mobile application development. "Can be combined with the IT - Data and Analytics Specialist (page 37) to complete two associate degrees in three years.

IT - Mobile Programmer

27-credit TD I wctc.edu/mobile-programmer

Mobile programmers develop and program mobile applications and games. Gain valuable technical skills to design and create mobile applications for Android and iOS devices, as well as web-based applications for any mobile device with a browser.

IT - Software Development Specialist

18-credit TD I wctc.edu/software-dev-specialist

Software development specialists work to create and modify general computer applications and software to provide solutions to various business needs. In this program, develop a solid foundation in Java Programming, architecture and database skills. Upon completion of the diploma program, possess the skills to build stand-alone and client-server applications, including web applications.

Java Programming | 16-credit Cert

LIBERAL ARTS AND GENERAL STUDIES

Liberal Arts - Associate of Arts

61-credit AA | wctc.edu/arts

Work with an advisor to design a customized set of courses from a variety of academic areas. Gain a strong foundation of liberal arts credits in disciplines like social sciences and humanities. Prepare for seamless transfer to four-year bachelor's degree programs and gain a credential to take into the workforce.

Liberal Arts - Associate of Science

61-credit AS | wctc.edu/science

Work with an advisor to design a customized set of courses from a variety of academic areas. Gain a strong foundation of STEM credits in disciplines like math and science. Prepare for seamless transfer to four-year bachelor's degree programs and gain a credential to take into the workforce.

Individualized Technical Studies

60-credit AAS | wctc.edu/its

If you have specific career objectives that are not met by any one WCTC degree, this flexible program is for you. With help from college representatives and an industry mentor, design a unique associate degree that combines courses from two or more existing WCTC programs.

Communication I 12-credit Cert Communication - Verbal Emphasis I 9-credit Cert Communication - Writing Emphasis I 9-credit Cert

MANUFACTURING

Automation Systems Technology (Robotics)

60-credit AAS I wctc.edu/automation-systems

Automated systems have become standard in many industries to provide reliable ways to program and control machine movements. In this program, learn about robotics and programmable logic controllers, discover how automation principles apply to business/industry, and develop skills to work with complex computers and machinery in automated production lines.

Automation - Industrial PLCS | 8-credit Cert

Automation - Control and Interface I 11-credit Cert

Electrical and Instrumentation

36-credit APPR I wctc.edu/electrical-inst

Learn to install, troubleshoot and maintain plant lighting equipment and receptacle circuits, motors, starters, motor control centers, programmable controllers, control panels, electrical control systems and transformers. Learn to service high voltage electrical systems in accordance with relevant codes. Learn to install, calibrate, test and repair electronic equipment.

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WCTC PROGRAM LISTING

Industrial Electrician

28-credit APPR I wctc.edu/industrial-elec

Industrial electricians work to install, test, troubleshoot, maintain and repair electrical equipment in industrial/commercial settings. They ensure electrical systems run safely and efficiently, as the systems they work on power large, complex facilities. Receive high-quality, hands-on classroom instruction that complements on-the-job apprenticeship training critical for success in the industrial trades.



59-credit TD I wctc.edu/imt

Industrial maintenance technicians repair and maintain commercial or industrial machinery to ensure the machines' proper functionality. In this program, gain practical experience in welding, hydraulics, electricity, mechanical fundamentals and machine alignment. Build skills in electronics, computerized equipment maintenance and preventative/predictive maintenance.

Maintenance Technician 1 | 13-credit Cert Maintenance Technician 2 | 9-credit Cert

Maintenance Technician 3 I 12-credit Cert

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MANUFACTURING (CONTINUED)

Injection Mold Setup (Plastic)

16-credit APPR I wctc.edu/injection-mold

Injection mold machine setters handle the setup and operation of equipment to produce parts by injecting materials, such as plastic, into a cavity and turning the molded pieces into usable parts for a variety of industries. Receive high-quality, hands-on classroom instruction that complements on-the-job apprenticeship training critical for success in the industrial trades.

Machinist

16-credit APPR I wctc.edu/machine-appr

Machinists operate a variety of computerand mechanically controlled machine tools to produce intricate, precision parts that are used in different industries. They possess the skills to take a single part through an entire operational procedure to completion. Receive high-quality, hands-on classroom instruction that complements on-the-job apprenticeship training critical for success in the industrial trades.

Maintenance Mechanic/ Millwright

16-credit APPR I wctc.edu/millwright

Maintenance mechanics/millwrights install, dismantle, repair, maintain and move heavy industrial equipment based on blueprints, layouts or other drawings. Machine tools, conveyor systems and specialized maintenance equipment are among the types of machinery repaired by maintenance mechanic/millwrights. Receive high-quality, hands-on classroom instruction that complements on-the-job apprenticeship training critical for success in the industrial trades.

Maintenance Technician

24-credit APPR I wctc.edu/maint-tech

Maintenance technicians perform tasks involving the maintenance, modification and repair of electrical and mechanical systems. Learn safety practices, machine operation and repair, metallurgy, electricity, hydraulics, pneumatics, blueprint reading, motor and logic controls, transformers, electrical codes and how to interpret schematics. Receive high-quality, hands-on classroom instruction that complements on-the-job apprenticeship training critical for success in the industrial trades.

Mechatronics Technician

24-credit APPR I wctc.edu/mechatronics

Mechatronics technicians combine knowledge of electrical, electronic and mechanical systems. They are tasked with installing, repairing and maintaining equipment and devices, operating industrial computer systems, supporting automation technologies and handling related tasks. Receive high-quality, hands-on classroom instruction that complements on-the-job apprenticeship training critical for success in the industrial trades.

Metal Fabrication/Welding -Advanced

60-credit AAS I wctc.edu/metal-fab-adv

Metal fabrication manipulates metal from one form to another for a particular purpose, while welding fuses parts together. In this program, develop advanced skills involving the intricate planning and preparing a part for cutting, fabrication and welding, and produce parts by employing new techniques and using a variety of materials.

Metal Fabrication/Welding

33-credit TD I wctc.edu/metal-fab

Metal fabrication involves preparing and manipulating materials, while welding fuses parts together. In this program, learn to read prints; create the shape of a part for cutting, fabrication and welding; and produce quality parts. Develop skills to program/ operate computer-controlled press brakes/ shears, plasma arc cutting machines and microprocessor-based power sources.

Welding Technician

19-credit TD I wctc.edu/welding-tech

Welders fuse metal parts together to create a permanent bond. In this program, develop knowledge of print reading; learn safe handling techniques for gas cylinders, manual and machine oxy-fuel cutting, plasma cutting and air carbon arc cutting; and become introduced to gas metal arc welding/flux core arc welding techniques.

GMAW/Fabricator I 9-Credit Cert

Industrial Laser Operator I 9-credit Cert

Apply Online Now wctc.edu/apply-online

WCTC PROGRAM LISTING

Tool and Die Making

59-credit TD I wctc.edu/tool-die

A tool and die maker's craft is an exacting one; the parts they make enable machines to produce various products for different industries. In this program, use stateof-the-art equipment to learn complex and conventional machining, computer numerical control machining and grinding operations. Develop skills in precision work, and make molds/dies.

Machine Tool Operation

33-credit TD I wctc.edu/machine-tool

Machinists, or machine tool operators, produce parts to precise specifications, generally from setup to operation. In this program, acquire skills for the safe operation of engine lathes, vertical milling machines and surface grinders. Learn to operate computer numerical control (CNC) machines, interpret engineering drawings and use applied mathematics.

CNC Setup Technician

20-credit TD I wctc.edu/cnc-setup-tech

CNC setup technicians read blueprint drawings and convert them to machine code. They operate machines that produce precision parts used in numerous products for various industries. In this program, learn how to interpret prints and make parts to accepted tolerances, and develop skills to program computer numerical control machines.



MANUFACTURING (CONTINUED)

Technical Studies -Journeyworker

60-credit AAS I wctc.edu/tech-studies

Build on the technical skills developed in your apprenticeship by completing coursework in communications, social science, behavioral science, and math or science. Work with an academic advisor to develop a plan that meets your individual needs and goals

Tool and Die

16-credit APPR I wctc.edu/tool-appr

Tool and die makers create precision tools or dies that are used to form, cut and shape metal and other materials. They make jigs and fixtures, which hold metal while it is bored, stamped or drilled, along with gauges and other devices. Receive high-quality, handson classroom instruction that complements on-the-job apprenticeship training critical for success in the industrial trades.

Welding

12-credit APPR I wctc.edu/welding-appr

Welders work in a wide variety of industries - from automobile manufacturing, shipbuilding, aerospace and many others. Their duties include joining metal parts by fusing them together and creating a permanent bond using different welding techniques. Receive high-quality, hands-on classroom instruction that complements onthe-job apprenticeship training critical for success in the industrial trades.

PROTECTIVE SERVICES

Criminal Justice Studies

60-credit AAS I wctc.edu/criminal-justice

Explore the framework of the criminal justice system, and prepare for jobs in a variety of professions or easily transfer into bachelor's degree programs at select four-year colleges. Develop critical life skills necessary for any public safety or human service job.

Criminal Justice -Law Enforcement Academy wctc.edu/law-academy

WCTC's Criminal Justice - Law Enforcement Academy prepares you to become certified as a law enforcement officer and enhances your ability to gain employment with a law enforcement agency. Build upon your previous classroom knowledge through additional training in topics such as defense and arrest tactics, emergency vehicle operation, firearms and vehicle contacts.

Fire Medic

POLICE

66-credit AAS I wctc.edu/fire-medic

Fire medics cross-train in the areas of emergency medical services and fire protection/suppression. They respond to all types of emergencies, such as house fires, traffic accidents and rescue situations. Develop skills in emergency medical response at the paramedic technician level; learn about fire behavior, firefighter safety and survival; and develop critical thinking skills for effective emergency response.

Paramedic Technician (Diploma)

38-credit TD I wctc.edu/paramedic-tech

Paramedics provide emergency pre-hospital care to those experiencing a medical emergency such as illness, injury or trauma. In the diploma program, develop skills in emergency medical systems and paramedic principles; patient assessment; pharmacology, anatomy and physiology; paramedic respiratory and cardiac management; prehospital treatment and care; EMS operations; and caring for special populations.



FIRE PROTECTION TECHNICIAN | PATHWA

60-credit AAS | wctc.edu/fire

Firefighters protect life, property and the environment through fire suppression, hazardous materials mitigation and emergency medical services. They also improve their communities through fire prevention activities. Learn from experienced firefighters and practice skills using state-of-the-art training facilities and equipment. Being a member of a fire department is highly recommended, but it is not an admissions requirement.

Emergency Medical Technician

5-credit TD | wctc.edu/emt

Emergency medical services providers are the first to respond to emergency calls. In this program, develop the skills and knowledge necessary to assess and manage all types of injuries and acute illnesses, while providing safe and rapid transport to a medical facility. Learn about airway management, bleeding and shock, emergency childbirth and automated defibrillation.

PROTECTIVE SERVICES (CONTINUED)

Paramedic Technician (Degree)

60-credit AAS I wctc.edu/paramedic

Paramedics provide advanced-level care during medical emergencies. Their quick response and competent care may mean the difference between life and death for those injured, wounded or sick. Learn to perform comprehensive patient assessments, provide advanced cardiac life support, administer medications and perform interventions. Additional Pathways to the Nursing - Associate Degree program are available: Paramedic to RN Bridge

Paramedic Technician (Diploma)

38-credit TD I wctc.edu/paramedic-tech

Paramedics provide emergency prehospital care to those experiencing a medical emergency such as illness, injury or trauma. In the diploma program, develop skills in emergency medical systems and paramedic principles; patient assessment; pharmacology, anatomy and physiology; paramedic respiratory and cardiac management; pre-hospital treatment and care; EMS operations; and caring for special populations.

Advanced EMT

4-credit TD | wctc.edu/aemt

Advanced emergency medical technicians perform certain medical procedures, provide ambulance transportation and administer prehospital care in preparation for getting patients to an emergency department. In this program, participate in advanced-level clinical experiences, and gain skills in IV access and fluid therapy as well as administration of aspirin, 50 percent dextrose, Narcan, Atrovent, epinephrine, glucagon and nitroglycerin.

SCIENCE, **ENGINEERING AND** MATH (STEM)

Biomedical Electronics Technology

70-credit AAS I wctc.edu/bio-medical

With a reliance on technology to test and monitor patients, biomedical electronics technicians ensure medical equipment is safe, functional and properly set up. In this program, gain skills to work with technical equipment, including bedside monitor systems, electrocardiogram (EKG) machines and other devices related to patient care. Learn to install, test, calibrate and repair biomedical equipment. This is a Milwaukee Area Technical College partnership program

Electrical Engineering Technology

60-credit AAS I wctc.edu/electrical-eng

Electrical engineering technologists' work involves the design, development, production, testing, manufacturing and repair of electronic and electrical equipment. In this calculus-based program, gain skills necessary to apply knowledge of electrical theory to numerous settings, including research and development, manufacturing, field service engineering among others.



Electronics Systems Technology

60-credit AAS I wctc.edu/electronics

Develop the skills needed to design, fabricate, test, troubleshoot and repair electronic systems. Gain hands-on skills with microcontrollers, communications, data acquisition, electronic assembly, motors and controls, programmable logic controllers and mechanical repair. Learn to effectively use hand tools and electronic test equipment.

Manufacturing Engineering Technology

60-credit AAS I wctc.edu/mfg-eng

Manufacturing engineering technology blends knowledge from multiple subject areas, such as science, math, computers and mechanical/electrical engineering to solve problems in manufacturing. Technicians assist engineering and management in the creation of new products and improvement of production processes. In this program, develop a comprehensive background in manufacturing and lean processes, automated manufacturing and modern design methods.

Lean Enterprise | 12-credit Cert

WCTC PROGRAM LISTING

Mechanical Design Technology

60-credit AAS I wctc.edu/mech-design

Mechanical designers combine design skills with mechanics to develop complex visual plans that assist engineers in creating specific products. These technical renderings show intricate details, dimensions and structures, and indicate materials and procedures. In this program, study computer-aided drafting using current computer-aided design applications, and learn about manufacturing processes, material strength, basic mechanisms and three-dimensional modeling.

Mechanical Engineering Technology

66-credit AAS I wctc.edu/mech-eng

Mechanical engineers solve problems and determine functional solutions through math, science and technology. In this program, learn how to model design concepts in two and three dimensions. Use calculus to analyze forces, determine how they influence motion, and assess the combined stresses they produce within materials. Specify engineering design parameters and select materials for given applications.

Mechatronics for Electronic Technicians I 17-credit Cert

"When I started at WCTC, I knew in the first semester that I made the right decision. What I was learning was interesting and challenging."

Michael Leggett, Mechanical Engineering Technology

TRANSPORTATION

Automotive Technology -GM ASEP option

60-credit AAS I wctc.edu/auto-gm

This program addresses the growing need for highly professional, competent technicians in automotive dealerships. Learn on the latest automotive vehicles, components, educational materials and cutting-edge equipment available. Develop knowledge on engines, fuel management, electronics, transmissions/transaxles, brakes and air conditioning.

This specialized program emphasizes repairing, servicing and maintaining vehicles within the General Motors (GM) brand.

GM Service Technician

45-credit TD I wctc.edu/gm-tech

This program addresses the growing need for highly professional, competent technicians in automotive dealerships. Learn on the latest automotive vehicles, components, educational materials and cutting-edge equipment available. Develop knowledge on engines, fuel management, electronics, transmissions/transaxles, brakes and air conditioning. This specialized program emphasizes repairing, s

ervicing and maintaining vehicles within the General Motors (GM) brand.

Automotive Technology -General Option

60-credit AAS | wctc.edu/auto-general

This program addresses the growing need for highly professional, competent technicians to work in automotive dealerships. Learn on the latest automotive vehicles, components, educational materials and state-of-the-art equipment available. Develop knowledge on engines, fuel management, electronics, transmissions/transaxles, brakes and air conditioning, and get an introduction to hybrids and diesel technology.

Automotive Maintenance Technician

45-credit TD I wctc.edu/auto-main-tech

Automotive maintenance technicians use high-tech and traditional equipment to complete service work, replace worn parts and conduct diagnostic tests on vehicles. In this program, gain skills to work on engines, drive trains, brakes, electrical, steering and suspension systems. Develop knowledge of hybrid vehicle safety, advanced chassis systems, and transmissions and transaxles. Training combines classroom and lab instruction.

Automotive Maintenance and Light Repair

21-credit TD I wctc.edu/auto-main-light-repair

Automotive technicians use computerized equipment and traditional tools to complete basic repairs, handle routine maintenance and conduct diagnostic tests on cars and light trucks. In this program, gain skills to work on a variety of systems such as engine, drive train, brakes, electrical, steering and suspension. Training includes classroom and lab instruction.

Automotive Basics | 8-credit Cert

Automotive Leaders I 12-credit Cert

Diesel Equipment Technology

60-credit AAS I wctc.edu/diesel

As the commercial truck driving industry has experienced growth, so has the need for trained technicians to service and repair heavy-duty equipment and vehicles. In this program, receive training in diesel engines, suspension and steering, electronics, drive train, hydraulics, brakes and preventive maintenance, heavy equipment welding, heavy equipment fuel systems, as well as HVAC and refrigeration systems.

Diesel Equipment Mechanic 45-credit TD I wctc.edu/diesel-mechanic

Diesel equipment technicians complete service work, replace worn parts and conduct diagnostic tests on heavy-duty equipment and vehicles. In this program, receive classroom and handson training in diesel engines, suspension and steering, electronics, drive train, hydraulics, brakes and preventative maintenance, heavy equipment welding and fuel systems, HVAC and refrigeration systems.

Diesel Maintenance Technician

22-credit TD I wctc.edu/diesel-main-tech

Diesel maintenance technicians complete service work, replace worn parts and conduct diagnostic tests on heavy-duty equipment and vehicles. In this program, receive classroom and handson training in diesel engines, brakes and air systems, drivetrains, preventative maintenance, and electrical and electronic systems.



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WCTC PROGRAM LISTING

Truck Driving (CDL Class A)

12-credit TD I wctc.edu/truck

Truck drivers transport goods from one point to another, oftentimes traveling through multiple states and navigating adverse road and weather conditions. In this program, prepare to earn a Class A Commercial Truck Driver's License. Gain knowledge of federal and state regulations, safety procedures, hazardous materials, bills of lading, loading and securing, and air brake systems.

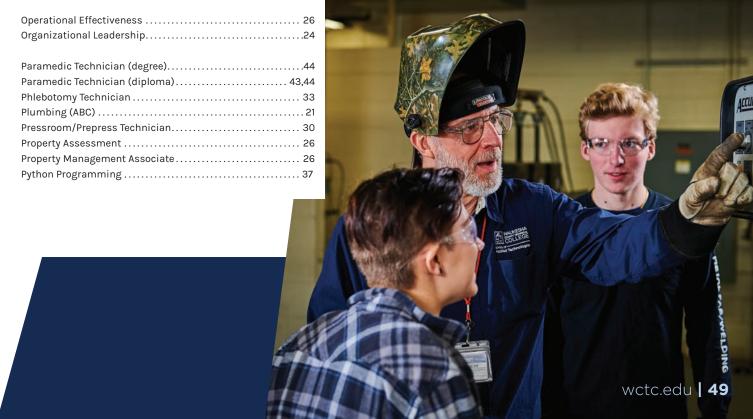


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Ready to take a closer look?

We'd love to show you around! Explore our state-of-the-art training facilities, cutting-edge technology, helpful student resources and more – in person or online.

Take a Campus Tour

Join us for a guided walking tour to get a first-hand look at our facilities and learn about all WCTC has to offer.

wctc.edu/visit

Connect with an Enrollment Counselor

Eliminate the stress and get your questions answered by meeting with an enrollment counselor who is here to help you navigate the process of becoming a WCTC student. enroll@wctc.edu l 262.691.5129

Join us for an Open House

Take us for a test drive at an upcoming Open House event! Held twice a year, Open House is your one-stop shop for all things WCTC.



