



2023 - 2024



KEEP LEARNING...



WORKFORCE TRAINING  PROFESSIONAL DEVELOPMENT

Western Technical College
BUSINESS AND INDUSTRY SERVICES

WELCOME _____

TO BUSINESS & INDUSTRY SERVICES (BIS) AT WESTERN TECHNICAL COLLEGE

The BIS team is honored to serve as the link between the region’s employers and Western Technical College. Through this work, our team has developed a deep understanding of what educational opportunities are needed to keep the region’s incumbent workforce ready to serve in an everchanging employment landscape.

Here in BIS, we pride ourselves on providing training solutions that are adaptable, resourceful, and affordable. When you or your employees need to learn a new technology, obtain an industry certification, or simply brush up on existing skills, our experts are here to help and will meet you where you are at in your educational journey.

On behalf of BIS, I thank you for reviewing this catalog and encourage all employees at every level of your organization to....keep learning!

Best wishes and much success,



Angie M. Martin
 Director of Business & Industry Services
 Western Technical College

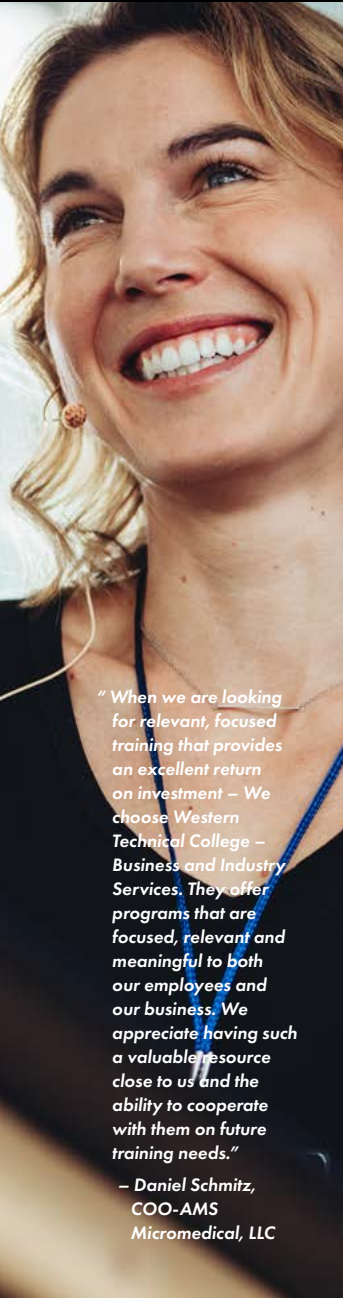
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"When we are looking for relevant, focused training that provides an excellent return on investment – We choose Western Technical College – Business and Industry Services. They offer programs that are focused, relevant and meaningful to both our employees and our business. We appreciate having such a valuable resource close to us and the ability to cooperate with them on future training needs."

– Daniel Schmitz,
COO-AMS
Micromedical, LLC

There's a reason why every year companies in the Seven Rivers Region select Western as their partner for delivering training and professional development opportunities for their employees.

BIS is committed to providing training solutions that meet employer needs by focusing on employee productivity, quality, and first choice service. Western Technical College BIS makes it our mission to bring the region training solutions focused on relevant topics, presented by industry experts, in a format that fits the needs of your business. By selecting BIS as your training provider, you work with us to customize content that meets the goals of your organization. Delivered at a Western campus location or on-site at your company, day or night, Western BIS has the solutions your company needs.

- **CUSTOMIZED TRAINING AND SERVICE**
- **WORKPLACE ASSESSMENTS AND EVALUATIONS**
- **BUSINESS OPERATIONS AND PLANNING**
- **PROFESSIONAL DEVELOPMENT**
- **EMPLOYER RESOURCES**

CUSTOMIZED SERVICES

By utilizing Western's broad portfolio of industry experts, BIS will work with your business to develop a customized training program that will bring high-impact training to your site on your schedule. We help businesses, large and small, with employees who need to brush up on basic skills or those with skilled workers who are ready to take it to the next level. It's our job to empower your employees with new skills they can apply immediately to make your business better.

- Industrial Automation
- Essential Workplace Skills
- Computer Skills
- Mechanical Design
- Industrial and Technical
- Welding
- Marketing and Sales
- Healthcare and EMS
- Safety Training
- Lean
- Leadership and Supervision
- **Plus Many More!**

BUSINESS

Six Sigma: Total Quality Applications

Learn how to effectively apply the elements and methods of Six Sigma. Understand how more than 25 tools and methods relate to the DMAIC (define, measure, analyze, improve, and control) model. Determine the relationship of basic statistics to Six Sigma and learn about the Six Sigma business case, including strategic planning, the voice of the customer (VOC), quality function deployment (QFD), benchmarking, and financial investment methods. Discover how to use brainstorming; Pareto charts, and critical quality help define processes, problems, and opportunities. Master the use of other key tools such as cause and effect diagrams, check sheets, scatter diagrams, failure mode and effects analysis (FMEA), and force field analysis. In this course you will learn how to apply the DMAIC model each step of the way. You will learn how to define, plan, implement, and close a Six Sigma project. You will also know how to use process capability and how to apply lean thinking. You will understand the basics of advanced Six Sigma tools. This course will help you prepare for the internationally recognized Six Sigma Black Belt and Quality Manager exams offered by the American Society for Quality® (ASQ®)

Location: Ed2Go | **Fee:** \$135.00

Notes: Instructor-led and self-paced enrollment options

 REGISTER

Speed Spanish

Imagine yourself speaking, reading and writing Spanish. Now you can with Speed Spanish. This course is designed for anyone who wants to learn Spanish pronto. You will learn six easy recipes for gluing Spanish words together to form sentences. In no time at all, you will be able to go into any Spanish speaking situation and converse in Spanish. ¡Qué Bueno!

Location: Ed2Go | **Fee:** \$125.00

Notes: Instructor-led and self-paced enrollment options

 REGISTER

Achieving Top Search Engine Positions

If you want to increase website traffic, you must understand how to improve your search engine ranking. This course will give you the knowledge you need to boost website visibility with proven, step-by-step SEO strategies you can implement immediately.

Location: Ed2Go

Fee: \$135.00

Notes: Instructor-led and self-paced enrollment options

 REGISTER

Writing Essentials

Master the essentials of writing so you can excel at business communications, engage online audiences, and take your creative literary talents to a new level. This course provides you with the writing tools you need for success.

Location: Ed2Go

Fee: \$129.00

Notes: Instructor-led and self-paced enrollment options

 REGISTER

Business Finance for Non-Finance Personnel

Are you interested in making better business decisions to increase your company's profits, move you up the corporate ladder, and help you reach a better, personal financial position? If so, this course is for you. Using practical explanations and real-life examples, this course will show you how money flows through a typical business. You will learn the basics of how a business operates, including how to develop successful business strategies and how to use financial statements to make better business decisions. Whether you're an employee, sales executive, supervisor, or manager, this course will help you understand basic financial information and use that information to make decisions that will positively affect your company's financial situation. This is a business finance course for non-financial employees and managers. By taking it, you will obtain significantly improved business acumen skills and financial understanding. Position yourself to be more confident in your business and financial decisions.

Location: Ed2Go | **Fee:** \$129.00

Notes: Instructor-led and self-paced enrollment options

 REGISTER

Recruiting and Retention Strategies

As business leaders charge ahead with ever changing work plans, they need an energized, motivated, and skilled workforce. The challenge? Employers are facing the biggest labor and skills shortage in modern history. This session will provide an opportunity to:

- Review the employee lifecycle from key considerations to effectively attracting the right talent and successfully onboarding
- Learn strategies to increase your overall retention rates at each stage
- Analyze data trends to help create recruiting and retention strategies

Date: 11/17 | **Day:** F | **Time:** 8:00 AM - 12:00 PM

Location: La Crosse

Fee: \$119.00 | **Instructor:** Herricks

Notes: Materials provided in class

 REGISTER

For more information about UGotClass, contact BIS at bis@westerntc.edu

UGotClass is a third party educational provider whose course offerings are not specific to Western Technical College. UGotClass determines course curriculum, establishes course offering dates, employs the instructors, and assesses student progress and completion.



UGotClass

We've partnered with Learning Resources Network (LERN) to provide the UGotClass series of online courses and certificates. Learn and collaborate with experts in their fields right from your home or office! All courses are available for CEUs, and some courses are even available for graduate and undergraduate credit! Find a program to fit your needs today.

CERTIFICATE PROGRAMS ARE AVAILABLE IN:

- Accounting and Finance
- Business Writing
- Digital Marketing
- Data Analysis
- Web Design
- Mobile Marketing
- Sales

AND MANY MORE!



WORKPLACE ASSESSMENTS & EVALUATIONS

Matching an employee's strengths and skills with the right professional opportunities is a powerful plan for success in any organization. Western Technical College BIS couples competency-based workplace assessments, performed by industry experts, with an intensive needs analysis process. This strategic approach to assessments maintains focus on increasing productivity and profitability by matching employees' strengths with employment objectives.

- Needs Analysis
- Machine Maintenance
- Welding
- Workplace Strengths
- Pre-Employment
- Customized Assessments and Testing

"Utilizing BIS to conduct pre-employment mechanical aptitude assessments has given City Brewing Company a validated tool to better gauge the potential success of our candidates."

– Monica Redmond, Human Resources Manager - City Brewing Company

EMERGING LEADERS

Western Technical College Business & Industry Services is proud to host the Emerging Leaders development program. The lessons taught in these three hour training modules will teach new and underdeveloped leaders how to foster the levels of employee engagement needed to reduce employee turnover, prevent attrition, and improve your workforce in an everchanging employment landscape.

Participants will learn skills in the following topics:

- Communication in Today's Work Environment
- Managing Projects & Processes
- Embracing Teamwork
- Emotional Intelligence
- Conflict Resolution
- Cultivating Culture

***email BIS@westerntc.edu
for more information***

\$595.00
per person

 **MORE INFO**

La Crosse Campus
& Tomah RLC





**PROJECT
MANAGEMENT
CERTIFICATION TRAINING**

Introducing Western's innovative, flexible, and fully customized approach to project management training!

THE STEPS IN YOUR COLLABORATIVE AND CUSTOMIZED CERTIFICATE PATHWAY

STEP 1:

Select your coach from a pool of over a dozen knowledgeable experts all prepared to lead you through this six-session project management journey

STEP 2:

Schedule a one-on-one session with your coach to share your professional goals and learning style. Popular tracks for Project Management Certificate Training can include:

- **Project Management Professional (PMP) Exam Track**
- **Project Management Fundamentals and Building Your Project Portfolio**
- **Multiple special areas of interest including: Project Management Office (PMO), Rescuing a Problem Project, and Agile Project Management Methodology**
- **Mix and Match Tracks to Meet Your Needs!**

STEP 3:

Your coach will design a fully customized certificate training program complete with 56 hours of project management learning activities designed to be in-sync with your professional goals and learning style!

Want more information?

Contact BIS at 608.785.9232 or bis@westerntc.edu

Payment is due at registration (PayPal, credit card, check, or PO). Call or email for alternate payment options.

Fee: \$2,200.00

Notes: This is an ongoing, instructor led program. Upon registration you will select start dates and schedule. Cancellation and refund policies apply.



MORE INFO

STRENGTHSFINDER

DIGITAL DISCOVERY SERIES: NAME IT, AIM IT, CLAIM IT

In this three part course, participants will gain a better understanding of what the Strengthsfinder assessment is and how to review their individual Strengths report. You will identify what it is that you do best. You will make your signature Strengths your own while learning to create partnerships and build strong teams.

LEARNING OBJECTIVES:

- What Strengths-based development is
- Review and understand the Clifton Strengths Report
- Start to recognize the unique talents of yourself and others
- What is a weakness -- How Strengths can help or hinder you?
- Understand the four domains of Strengths
- The power and edge of teams and partnerships
- Identify your values and how your Strengths play a role in living by them
- Applying your Strengths to meet your personal and/or professional goals and improve your interactions with and understanding of others
- How Strengths support your leadership development

* **Three (3) sessions range from 30 - 90 minutes in length**

Location: Online/On Demand/Virtual
Fee: \$99.00 | Instructor: Wallace

Notes: For information about the Strengthsfinder Digital Discovery Series or to register, please email BIS@westerntc.edu or call (608) 785-9232



Using Your Personal Strengths for Career Development

What am I great at? How do I pinpoint what I do best? How do I use my natural talents to be more successful? The search for both meaning and success starts with these three questions. The CliftonStrengths Discovery Course will help participants answer these crucial questions. This course incorporates findings from Gallup's extensive, ongoing research into how people can become highly effective and efficient by intentionally applying their talents and strengths. This discovery session will take participants on a journey that begins with an awareness of their own unique blend of talents. Participants will learn how to take ownership of their personal talents and strengths and to appreciate their individuality and the valuable contributions they offer. This knowledge will then help them focus on specific goals to achieve greater personal and professional success. *Before attending this course, participants must complete Strengthsfinder Digital Discovery Series and the CliftonStrengths assessment (both included in course fee).

Date: 10/11 | **Day:** W | **Time:** 8:00 AM - 12:00 PM

Location: La Crosse

Fee: \$129.00 | **Instructor:** Granum

Notes: Cost includes Top 5 CliftonStrengths assessment. Call for access code once registration is processed. Complete and print your assessment and bring it to class.

 REGISTER

CliftonStrengths for Managers

Great managers make or break a workplace. And while the most successful managers do have a few things in common, their specific strengths are as varied as their fingerprints. This interactive session will utilize Gallup's newest assessment, the CliftonStrengths for Managers report, which helps individuals see how their unique talents can make them, their teams, and their organizations more successful. Get your top 10 themes, personalized reports, manager-specific insights, and more. *Before attending this course, participants must complete Strengthsfinder Digital Discovery Series and the CliftonStrengths assessment (both included in course fee).

Date: 12/13 | **Day:** W | **Time:** 8:00 AM - 12:00 PM

Location: La Crosse

Fee: \$159.00 | **Instructor:** Granum

Notes: Cost includes CliftonStrengths for Managers report. Call for access code once registration is processed. Complete and print your assessment and bring it to class.

 REGISTER



Western Technical College

BUSINESS AND
INDUSTRY SERVICES



ONLINE COURSES

Accounting Fundamentals Series

Whether you're a sole proprietor looking to manage your business finances or you simply want to gain an understanding of accounting basics for career advancement or for personal use, the courses in this bundle will give you a solid foundation in financial matters. If you're interested in increasing your financial awareness while also gaining a marketable skill, this series of courses is perfect for you.

Mastering Public Speaking

Become an effective public speaker by discovering how to talk confidently and persuasively to both large and small groups. This course will help you equip yourself with the skills you need to communicate with ease and authority on the job or in any social setting.

Discover Sign Language Series

Gain confidence in your ability to sign with the Deaf community. This course bundle will help you understand the perspective of the hard of hearing through use of videos to demonstrate how to make signs and communicate by facial expression.

These **high-quality courses** are taught by **industry experts** and designed to quickly deliver specific skills and knowledge that **help to advance personal or professional development**.

Our online classroom is informative, convenient, and highly interactive.

Microsoft Excel 2019 Office 365 Series

Whether you're new to Excel or need a refresher, the Microsoft Excel 2019 Series bundle will help you master this long standing spreadsheet software.

Speed Spanish

Learn six easy recipes to glue Spanish words together into sentences, and you'll be engaging in conversational Spanish in no time.

Introduction to SQL

Gain a solid working knowledge of the most powerful and widely used database programming language.

Accounting Fundamentals

Gain a marketable new skill by learning the basics of double-entry bookkeeping, financial reporting, and more.

VISIT OUR ONLINE STORE FOR MORE FEATURED CLASS OFFERINGS.

24/7 Access • All classes start new every month
Certificate of completion • 6 - week format
Average 24 work hours • Discussion boards • Mobile accessible

Scan the code to view all our online courses
www.ed2go.com/westernnc





ed2go CAREER

**Learn in-demand skills around the world
designed to prepare you for e**

FEATURES INCLUDE:

- **Self-paced, Start anytime**
- **24/7 Access**
- **Books and materials included**
- **Certificate of Completion**
- **Certification Exam Voucher may be included**
- **Financial assistance available**
- **Student Advisors Included**
- **Industry Recognized Certifications**
- **Counselors help match your interests**

ONLINE ADVANCED CNC MACHINIST TRAINING

Fit your schedule. This online, self-paced training is perfect for entry or advancement in career opportunities.

CNC Machinist

Computers control much of the world today. The manufacturing industry is no exception, and you can make yourself an indispensable part of the future of manufacturing by training to become a Computer Numerical Control (CNC) Machinist. This online CNC Machinist course will provide you with the knowledge and skills you need to prove competency and begin your career quickly.

The course provides an intensive overview of the skills necessary to perform CNC machining, including workholding, math, inspection, safety, metal cutting, materials, quality, and grinding.

Quality Inspector

Do you have a keen attention to detail? A career as a quality inspector could be a great fit. This online Quality Inspector course will provide you with the knowledge and skills you need to prove competency and begin your new career quickly.

This accelerated Quality Inspector course provides an intensive overview of the skills necessary for quality assurance and inspection, including math, inspection, safety, materials, quality, and management. This course provides an intensive overview of the skills necessary for quality assurance and inspection.

**VISIT OUR ONLINE STORE FOR MORE
FEATURED CLASS OFFERINGS.**

Scan the code to view all our online courses
www.careertraining.ed2go/westerntc



BUSINESS OPERATIONS AND PLANNING

Successful organizational development can take on many forms. BIS can help your business gain access to industry experts who will help your team navigate the changing methods, regulatory requirements, and continuous improvement actions required to stay competitive in business today.

- Strategic Planning
- Coaching and Mentoring
- Train the Trainer Program Development
- Marketing and Sales Planning
- Cultural Awareness Programs
- Continuous Improvement and Lean
- ISO 9000 Implementation and Planning
- Team Building
- Retreats and Staff Development

"When Western first came in, we did an overall training for Lean and 5s organizational skills, and then after that we slowly chipped away at different projects. We drastically dropped our operating expenses. It allowed us to get more business out the door with the same amount of people."

– Sean Rezin, VP Operations - USEMCO, Inc.

Professional Development

Western Technical College BIS offers a comprehensive variety of classes and seminars to enhance your current career and assist you in meeting new professional goals. BIS leverages our close connection with organizations in the region to identify training topics and trends important to businesses today. That data informs the development of hot topics in professional development available to you at a reasonable cost at Western campus locations throughout our region. These non-degree, industry validated courses are published in catalogs available in the Spring and Fall of each year. Contact BIS at (608) 785-9232 or email BIS@westerntc.edu to be added to our mailing list.



WAT GRANTS

PURPOSE

(Workforce Advancement Training grants)
Increase Wisconsin's investment in incumbent worker training while supporting increased business productivity and regional economic strategies

BENEFIT TO EMPLOYERS

Enables small, medium, and large businesses to grow by implementing training projects addressing needs for multiple categories of employees and topics

EXAMPLES OF TYPES OF TRAINING PROVIDED:

- Trade Specific (e.g. medical, CNC, welding, electromechanical, etc.)
- Lean
- Critical Core Employee & Supervisor Skills
- Safety
- Medical Support Areas
- Supervisory Management/Leadership
- Communication/Team Building
- Diversity/Change Management
- Computer Skills
- Basic Skills (e.g. math, writing, e-mail etc.)

PROCESS:

- BIS Consultant will meet with each approved partner to discuss training plan
- Involves small time commitment on the part of the company(s)
- Western grant writer will have questions for company on history, demographics, measurements of success, etc.
- Follow-up meeting to capture results of training upon grant completion

MINIMUM GRANT REQUIREMENTS:

- Commitment and application process starts in January 2024
- \$5,000 to \$200,000 per application
- Training must begin after July 1, 2024 and end by July 31, 2025
- Employer match required (WAT Grant funds approximately 50 – 55% of the training)

**For more information,
contact John Zimprich at (608) 785-9916.**





COMPUTER

Getting Started with Google Workspace

More and more businesses are switching to Google Workspace for their business documents and communications. Are you ready? In this course, you will get experience with nine great Google apps for business and personal use, including Gmail, Docs, Sheets, and Slides, and learn how they all work together in a seamless suite.

Location: Ed2Go

Fee: \$139.00

Notes: Instructor-led and self-paced enrollment options

 REGISTER

Introduction to QuickBooks Online

This QuickBooks course will teach you how to manage your business finances with QuickBooks Online. This powerful accounting software has helped millions of small business owners oversee their finances. Now that the cloud-based version is outpacing the desktop version, there's no better time to refresh your QuickBooks knowledge.

You will learn to use key features of QuickBooks Online and gain hands-on experience creating invoices, receipts, and statements; track payables, inventory, and receivables; generating reports; and more. Whether you're new to QuickBooks or need a quick refresher, this course will empower you to take control of your business's financial accounting, all with the ease and convenience of an online platform.

Location: Ed2Go | **Fee:** \$139.00

Notes: Instructor-led and self-paced enrollment options

 REGISTER

WESTERN TECHNICAL COLLEGE IS NOW A CERTIPOINT AUTHORIZED TESTING CENTER (CATC).

THE MICROSOFT OFFICE SPECIALIST

PROGRAM provides industry-leading assessments of skills and knowledge through our new project-based testing, giving students and professionals real-world exercises to appraise their understanding of Microsoft Office. This guarantees that every certified user has demonstrated the ability to command the full features and functionality of Microsoft Office, preparing them for future academic or workforce opportunities.

COST: \$145 per exam. The Microsoft Office Specialist certifications that are available are Word Associate, Excel Associate, PowerPoint Associate, and Outlook Associate.

Exam prep classes can also be scheduled at your location, at your convenience. Please call our office to discuss scheduling options.



MS EXCEL TRAINING

Microsoft Excel Level 1 (Beginner)

This course helps students become familiar with the fundamental functions of Excel, including: creating spreadsheets, working with rows, columns and cells, formatting worksheets and performing basic calculations.

**see website
for upcoming classes
and locations**

westerntc.edu/professional-development

EXCEL

Microsoft Excel Level 2 (Intermediate)

Learn to use templates, to create and modify charts, learn commonly used functions, absolute cell referencing, 3-D formulas, conditional formatting, sorting, and filtering data. Ideal for those who know the basic fundamentals of Excel and want to become more productive users.

Microsoft Excel Level 3 (Advanced)

This course covers advanced features of Excel. We will learn how to create and modify PivotTables and PivotCharts, the Vlookup function, internal/external links, data analysis, and other time saving features. Ideal for users that want to use Excel to get more from their data.



EMPLOYER RESOURCES: Hiring Western Graduates

Handshake is your online employment connection for employers looking to hire Wisconsin Technical College graduates. This system is available to students and graduates at all 16 Wisconsin Technical Colleges. Visit www.westerntc.edu/handshake to learn more.

 **Handshake**
The #1 way college students find jobs



FOOD SERVICE

Food Manager Certification

Course meets state requirements for Food Manager Certification in Wisconsin and Minnesota utilizing the ServSafe curriculum. Upon successful completion, the student must apply to the state for certification. Book and exam cost included in registration fee. Zoom link will be provided for training dates and send via email; zoom participants will be required to pick up their book at the LaCrosse campus prior to class. Training is offered in person at the La Crosse campus and online via zoom at any regional location campus. **PHOTO ID REQUIRED** for testing.

Date: 9/12, 9/14, 9/19 | **Day:** T/TH
Time: 5:30 PM - 9:00 PM

Location: La Crosse and Zoom to all regional locations
Fee: \$175.00 | **Instructor:** Granum

Notes: Registration deadline is one week prior to class state date. Testing is on September 19, 2023, starting at 5:30pm at the La Crosse campus only.

 REGISTER

Date: 11/7, 11/9, 11/14 | **Day:** T/TH
Time: 5:30 PM - 9:00 PM

Location: La Crosse and Zoom to all regional locations
Fee: \$175.00 | **Instructor:** Granum

Notes: Registration deadline is one week prior to class state date. Testing is on November 14, 2023, starting at 5:30pm at the La Crosse campus only.

 REGISTER

Date: 3/12, 3/14, 3/19, | **Day:** T/TH
Time: 5:30 PM - 9:00 PM

Location: La Crosse and Zoom to all regional locations
Fee: \$175.00 | **Instructor:** Granum

Notes: Testing on March 19, 2024 in La Crosse only.

 REGISTER

Date: 6/4, 6/6, 6/11 | **Day:** T/TH
Time: 5:30 PM - 9:00 PM

Location: La Crosse and Zoom to all regional locations
Fee: \$175.00 | **Instructor:** Granum

Notes: Testing on June 11, 2024 in La Crosse only.

 REGISTER



"If you are an organization that is going to invest in training, Western BIS is a wonderful organization. They develop programs that are affordable, great, and drive bottom line results."

- Pete Johnson, President, Duratech Industries

TRADES

Forklift

Train the Trainer

This Forklift Train the Trainer session will focus on the OSHA forklift regulations 29 CFR 1910.178. It is designed for forklift trainers and individuals desiring to become forklift trainers. It is also recommended for current forklift trainers and operators as an avenue to stay current and up to date.

Date: 10/25 | **Day:** W

Time: 8:00 AM - 12:00 PM

Location: La Crosse

Fee: \$200.00 | **Instructor:** Scafe

Notes: Materials provided in class

 REGISTER

Date: 11/9 | **Day:** TH

Time: 8:00 AM - 12:00 PM

Location: La Crosse

Fee: \$200.00 | **Instructor:** Scafe

Notes: Materials provided in class

 REGISTER

Date: 4/10 | **Day:** W

Time: 8:00 AM - 12:00 PM

Location: La Crosse

Fee: \$200.00 | **Instructor:** Scafe

Notes: See future course dates online

westernnc.edu/professional-development

 REGISTER

Date: 6/13 | **Day:** TH

Time: 8:00 AM - 12:00 PM

Location: Tomah

Fee: \$200.00 | **Instructor:** Scafe

Notes: Materials provided in class

 REGISTER



ROBOTICS TRAINING

- Hands on training with primarily Yaskawa robots and review on Fanuc robots
- Working safely in and around the robot cell
- Powering up/down
- Jogging the robot using all coordinate systems
- Create, test, run, and edit robot programs
- Touch up points in robot programs
- Checking programmed and current positions
- Programming I/O instructions & connections
- Controller hardware architecture
- Circuit board replacement
- Power Distributions
- Signal Flow
- Preventative maintenance schedule
- Robot calibration procedures

ADVANCED INDUSTRIAL C

40-hour Training includes hands-on activities for participants to hard-wire components and systems including:

Basic knowledge of electrical machine wiring recommended and experience with Relays, Motor Controls, and Motor Drives Systems is helpful

- Pilot Devices
- Relays
- Timing Relays
- Proximity & Photoelectric Senors
- Motors and Motor Starters
- VFD'S



**see website
for upcoming
classes and
locations**

westernnc.edu/professional-development

Electrical Theory

In this interactive course, participants will learn about electrical theory and fundamentals. Topics will include AC, DC, Voltage, Current, Resistance, Power, Magnetism, Motors, Transformers, Circuits, Controls, Troubleshooting, and Basic Code requirements.

Date: 11/15,11/16 | **Day:** W & TH

Time: 7:30 AM - 11:30 AM

Location: La Crosse

Fee: \$275.00 | **Instructor:** Artschwager

Notes: Textbook and materials provided in class



CONTROLS TRAINING



**see website
for upcoming
classes and
locations**

westernnc.edu/professional-development





OSHA 10-Hour

This course is a real life look at how OSHA regulations affect the way we do business and how to apply these regulations to specific industries. This class is fully interactive with instruction on job-specific subjects as well as the basics of how to read and interpret the OSHA regulations. Through this training, OSHA helps to ensure that workers are more knowledgeable about workplace hazards and their rights and contribute to our nation's productivity. Upon course completion, participants will receive a OSHA 10-Hour completion card.

Date: 11/8, 11/9 | **Day:** W, TH

Time: 11:30 AM - 5:30 PM

Location: La Crosse

Fee: \$175.00 | **Instructor:** TBD

Notes: Materials provided in class

 REGISTER

OSHA 30-Hour

This course will provide training for workers and employers on the recognition of, avoidance, abatement, and prevention of safety and health hazards in the workplace. The program also provides information regarding workers' rights and employer responsibilities. This OSHA 30-hour class is more appropriate for supervisors or workers with some safety responsibility. Through this training, OSHA helps to ensure that workers are more knowledgeable about workplace hazards and their rights and contribute to our nation's productivity. Upon course completion, participants will receive a OSHA 30-Hour completion card.

Date: 10/16 - 10/19 & 10/23 - 10/25

Day: TH

Time: 10/16 - 8 AM - 2:20 PM

10/17 - 1:30 PM - 4:40 PM

10/18 & 10/19 - 11:30 AM - 4:50 PM

10/23 - 1:30 PM - 4:50 PM

10/24 - 1:30 PM - 4:40 PM

10/25 - 11:30 AM - 4:50 PM

Location: La Crosse

Fee: \$550.00 | **Instructor:** TBD

Notes: Materials provided in class

 REGISTER

SAFETY CIRCUITS & MACHINE SAFEGUARDING

- Safety Switches & Relays
- Door Interlocks & Barriers
- Safety Circuits & Machine Guarding
- Programmable Safety Controllers
- Wiring Light Curtains & Area Scanners into
- Safety Circuit
- Safety Devices & Work Conditions
- Review EM Devices Designed for the Purpose of Monitoring a Machine's Safety System



see website for upcoming classes and locations

westerntc.edu/professional-development

TECHNICAL SKILLS TRAINING

Virtual, Self Paced, and Affordable

Western's Business and Industry Services (BIS) is proud to partner with Amatrol to offer on-demand, interactive technical skills training. Eye-popping graphics, interactive 3-D simulations, and comprehensive assessments make Western's Virtual Technical Skills trainings the region's best option in virtual learning and assessment. This training is easily completed online using the Google Chrome or Firefox web browsers.

Troubleshooting concepts are integrated throughout the training to challenge learners, and pre/post assessments demonstrate knowledge. With 24/7 access, these on-demand options offer high quality, accessible, and affordable training from a name you trust...Western!

Click button for more information



Contact BIS by phone at (608) 785-9232 or e-mail bis@westerntc.edu



FANUC PROGRAMMING AND APPLICATIONS

The Fanuc Programming and Applications course will present an employee with a basic understanding of Fanuc teach pendant programming using a 30ib Mate Plus controller along with Roboguide simulation software.

- Understanding robot cells and safety
- Performing jogging methods
- Creating user and tool frames
- Programming motion and non-motion instructions
- Program editing
- Creating and off setting registers
- Using robot inputs, outputs, and end effectors
- Mapping Digital I/O
- Wiring I/O
- Understanding and Programming Ethernet I/O
- Manipulating files and program backups

**CLASS IS LIMITED
TO 12 PARTICIPANTS**





**see website
for upcoming
classes and
locations**

westerntc.edu/professional-development

A close-up photograph of a hand placing a purple puzzle piece into a larger assembly of colorful (red, orange, green, blue) puzzle pieces. Each piece has a white silhouette of a person on it, symbolizing career services or workforce development.

CAREER SERVICES

Looking to connect directly with Western students?

Career Services at Western Technical College is your resource for career fairs, events, and student work-based learning opportunities. For the latest information, contact the Career Services office at (608) 785-9440 or email careerservices@westerntc.edu.

ADVISORY COMMITTEE

Every academic program at Western has an advisory committee made up of experts who work in the field of study. The committee provides advice and feedback on the skills students should have as they enter the workforce. For more information, contact BIS at (608) 785-9232 or email BIS@westerntc.edu.



MANUFACTURING EVENT

SAVE THE DATE
WEDNESDAY,
OCTOBER 18, 2023
11AM - 1:30PM

Western Technical College Business and Industry Services hosts an annual luncheon every October that celebrates the partnerships built between our local school districts and businesses. The luncheon includes a keynote speaker, local student STEM projects on display, and tours of our Integrated Technology Center.

Please join us as we celebrate manufacturing and support its connection to education and workforce development. We encourage area manufacturers, educators, and all others to attend this event. For more information on the event, please reach out to John Zimprich at zimprichj@westerntc.edu.



WORKFORCE TRAINING PROFESSIONAL DEVELOPMENT

Any of the courses listed in our brochure can be delivered on-site and customized for your business. For more information, please visit www.westerntc.edu/bis or call (608) 785-9232.



Western Technical
College
BUSINESS AND INDUSTRY
SERVICES



HAVE YOU EVER THOUGHT ABOUT TRAINING OTHERS?

DO YOU HAVE KNOWLEDGE AND SKILLS YOU COULD PASS ON?

IF SO, WE WANT YOU!

BIS is always looking for qualified instructors in a variety of topics to help train the workforce in our region. We offer flexible scheduling and great compensation.

Some topics include: CNC, Blueprint Reading, Welding Training, Medication Aide, IV Skills, Heartsaver, Computer Skills, Electro-Mechanical, Robotics, Employee and Leadership Skills, Customer Service, Lean, Refrigeration, Ammonia, OSHA, Safety, and many more.

Western Technical College is committed to principles of equal opportunity and affirmative action. The College shall not discriminate on the grounds of race, color, religion, sex, sexual orientation, national origin or citizenship status, age, disability, veteran status, or genetic information in employment, education, and all other areas of the College. The College provides reasonable accommodations to qualified individuals with disabilities upon request. Questions, requests and/or complaints about discrimination should be directed to the Employment, Benefits, and EEO Manager, 608-785-9274.

CUSTOMIZED TRAINING

Western's Business and Industry Services Division offers a wide array of training options designed to meet your needs. We deliver what you want, when and where you want it. How do you get the essential training you need? Contact Business and Industry Services at (608) 785-9232, bis@westernnc.edu, or visit us online at westernnc.edu/bis

Western Technical
College
THE ESSENTIAL EXPERIENCE

La Crosse Campus
400 seventh street north
La Crosse WI, 54601

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LA CROSSE, WI
PERMIT 373

"The facility was extremely well equipped and laid out. It was a safe learning environment for all levels of students and set up in such a way to make it easy for us to communicate with each other throughout each day. There was ample room for our group of 15 and equal opportunity to work with the different welding machines/processes. The instructor was very knowledgeable and personable. He was kind and patient with everyone in the group. Despite our large group size, Josh was able to spend time working with each individual teaching to their specific level of ability. He answered any questions presented to him and was able to offer great insights. He was a great fit for our group."

- US Army Corps of Engineers

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