

Welding Dual Credit Academies - Connecting Students to Postsecondary Training and Career Opportunities

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Program Effectiveness

Gateway Technical College

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Youth Apprenticeship Coordinator

Kenosha Unified School District

Gateway Facts



- One of 16 colleges in the Wisconsin Technical College System
- Founded in 1911
- Serve approximately 20,000 students annually
- Three main campuses split across a tri-county district
- Five discipline-specific technology centers

KUSD Facts



- 4K through 12 public school system
- Student Population - 21,233
- Kenosha Unified consists of three high schools (grades 9-12), five middle schools (grades 6-8), 22 elementary schools (4K-5), five charter schools, five choice schools, one specialty school, one Head Start facility and one district office.

Career Pathways

- Intentional focus on designing systems in 2015
- Use WTCS-approved pathway credentials (certificates and diplomas) to build entry and exit points
 - 20 certificates - 2-18 credits, first year of program
 - 15 diplomas - 2-54 credits, more flexibility
- Developed with employers, lead to in-demand jobs in our district
- Require no or very little prior experience
- Most courses were already being offered for transcribed credit in the high schools

Career Pathway Maps

- Launched in 2016 to highlight all pathway-related options for each program
- Expanded to all programs, including apprenticeship
- 66 total maps; new maps are added as programs are developed
- Updated annually to reflect changes in options, salary information, etc.
- High school partners are provided with a bound, color copy as well as access to electronic versions

Previous Credit

There are many opportunities, both in high school and through previous college, work, and/or military experience, to earn credit at Gateway.

For more information about earning credit in high school and opportunities for credit for prior learning, please see reverse side.

Technical Diploma

Welding/ Maintenance & Fabrications (16 Credits)

Potential Jobs:
- Production Welder
- Maintenance Welder
- Brazer

Median Income*:
\$16.00 per hour
\$33,280 annually
*Based on locally reported wage data.

Students who complete this program are prepared to earn industry-recognized certifications, including:
- MSSC Safety

Technical Diploma

Welding (43 Credits)

Concentration available in:
- **Robotics**

Potential Jobs:
- Welding Technician
- Welder Fabricator

Median Income:
\$19.89 per hour
\$41,371 annually

Career

Students are prepared to enter their career field at any point along the pathway and advance as they complete higher-level credentials.

Continuing Education

Students who complete this program are eligible for apprenticeship opportunities through Steamfitters Local 601, including:

- Construction Steamfitter

Please visit their website at www.steam601.org for additional information.

CAREER PATHWAY

GATEWAY TECHNICAL COLLEGE

Welding

Have questions or need assistance with getting started?

Gateway's New Student Specialists are ready to help. Call 1-800-247-7122 or stop into any Student Services Center to make an appointment or register for an upcoming new student event.

Elkhorn Campus

400 County Road H
Elkhorn, WI 53121

Kenosha Campus

3520 30th Ave.
Kenosha, WI 53144

Racine Campus

1001 S. Main St.
Racine, WI 53403

gtc.edu/welding

Credit for Prior Learning

Experience Pays! You've been there . . .
You've done that . . . Let us give you credit for it!

Gateway Technical College recognizes you have knowledge and skills gained through previous educational, life and work experiences. We want to help you receive credit for those experiences—saving you time, money and helping you enter your new career more quickly.

There are various ways to earn credit including Degree Course Substitution, Prior Learning Assessment and Transfer Credit. Credit for Prior Learning opportunities for this program include:

Please visit www.gtc.edu/PLA for future Credit for Prior Learning

For more information visit gtc.edu/cfpl or contact the Registrar's Office at cfpl@gtc.edu or 262-564-2162.

Earn College Credit in High School

Get an edge by earning college credit before you graduate and save money at the same time.

There are many ways to earn college credit while you're still in high school, including transcribed and advanced standing credit, Start College Now and youth apprenticeship. Suggested courses to take in high school for this program include:

- 442-321 Welding/Gas Metal Arc Welding
- 442-322 Welding/Shielded Metal Arc Welding
- 442-323 Welding/Gas Tungsten Arc Welding
- 442-324 Weld Printreading & Fab Procedures
- 442-334 Welding/Oxyacetylene
- 457-309 Metal Fabrication I

For more information on earning college credit in high school connect with your high school counselor or the Gateway New Student Specialist at your high school. Visit gtc.edu/highschool.

Get started at
Gateway today!


Visit gtc.edu
to request information
or to apply.

This ACT program is 100% funded with a TAACOCIT Round IV \$19.9 million grant awarded by the U.S. Department of Labor's Employment and Training Administration. This program is an equal opportunity program and auxiliary aids and services are available upon request to individuals with disabilities. This workforce product was funded by a grant awarded by the U.S. Department of Labor's Employment and Training Administration.

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High School Infographics



WELDING CAREER PATHWAY 2019-2020

Earn your Welding/Maintenance & Fabrication Technical Diploma

Students that complete the six required courses will earn their Gateway Welding/Maintenance & Fabrication technical diploma. Earning this certificate (**for free!**) prepares you to either begin your career or continue your education after graduation. Courses can be taken through a variety of Dual Credit opportunities:


442-321 Welding / Gas Metal Arc Welding	3 credits
442-322 Welding / Shielded Metal Arc Welding	3 credits
442-323 Welding / Gas Tungsten Arc Welding	3 credits
442-324 Weld Printreading & Fab. Procedures	2 credits
442-334 Welding / Oxyacetylene	3 credits
457-309 Metal Fabrication I	2 credits

Students

have the opportunity to earn

16 college credits

in the Gateway Technical College Welding program at **no cost** while they are in **high school.**



\$16.00

per hour


16 CREDITS TOWARD A DIPLOMA

Apply your credits toward a Welding diploma at Gateway.

Welding Maintenance & Fabrication technical diploma	Welding technical diploma	Apprenticeship
<h2 style="color: white;">16</h2> <p style="color: white;">Credits</p>	<h2 style="color: white;">42</h2> <p style="color: white;">Credits</p>	<p>Students who complete this program are eligible for apprenticeship opportunities through Steamfitters Local 601, including:</p> <ul style="list-style-type: none"> - Construction - Steamfitter <p>Please visit their website at www.steam601.org for additional information.</p>
<p>Potential Jobs:</p> <ul style="list-style-type: none"> - Production Welder - Maintenance Welder - Brazer <p>Median Income:</p> <h2 style="color: white;">\$16.00</h2> <p style="color: white;">per hour</p> <h2 style="color: white;">\$33,280</h2> <p style="color: white;">annually</p>	<p>Potential Jobs:</p> <ul style="list-style-type: none"> - Welding Technician - Welder Fabricator <p>Median Income:</p> <h2 style="color: white;">\$19.05</h2> <p style="color: white;">per hour</p> <h2 style="color: white;">\$39,624</h2> <p style="color: white;">annually</p>	

Certifications

- MSSC Safety



info

Get Started

Contact our New Student Specialists for more information.

Email: newstudentspecialist@gtc.edu

Phone: 1-800-247-7122

Web: gtc.edu/nss

Updated 10/2019
 Equal opportunity/access/employer & educator
 igualdad de oportunidades / acceso / empleador/educador

- Designed for specific event, but high school partners requested for all pathways
- Print in various sizes
- Displayed in high school hallways and classrooms
- Updated annually to match pathway maps

A Strong Partnership Between Pathways and Dual Credit

- Partner together on pathway-specific recruitment events
- Target courses that are part of pathway credentials to offer to the high schools
- Collaborate on infographics and other pathways/high school materials
- Present on pathways to the career prep consortium and high school administrators
- Leverage pathway systems to target grants

Gateway Supporting High Schools

3,000

Middle school students attended
Middle School Expos



\$192,528

wages earned through Gateway
Youth Apprenticeship

7,930

students positively
impacted by KIDS Lab

\$3.06 million

saved through
Transcribed Credit



\$899,076

in grants to support area high
school students and teachers

219



Students signed Letters
of Intent at National
Signing Day in 2019



“Our missions share a common purpose: to educate all students to succeed in a world filled with ever changing opportunities. Gateway Technical College is proud to partner with each of our K-12 school districts. We recognize that Southeastern Wisconsin is in a time of unprecedented change and career opportunity. At Gateway, we are committed to supporting your students along their pathway to college and career success.” -Bryan Albrecht, Gateway Technical College President & CEO

High School Dual Credit Opportunities

Path to Success

1. Transcribed Credit
 - Career Pathway Grants
2. Advanced Standing
3. Start College Now
4. Contract For Service (38.14)
- 5. High School Academies**
 - **Grant Funded or 38.14 Contracts**
6. Youth Apprenticeship
7. Distance Learning



High School Academies

High School Academies include:

- Sequence of courses leading to a credential
- Students can continue on at Gateway furthering their career path
- Courses taught at Gateway's campuses & centers by Gateway faculty
- High school students considered dual credit students
 - Earning both high school & college credit
- High school students have access to same services as Gateway's students including tutoring, disability support, etc.
- Transportation not included
- Funding: Grant funded or high schools pay tuition/fees/books



2018-2020 High School Welding Academy

7 Gateway courses offered over three semesters: 17 Credits

Books, Welding Kit & Supplies funded through DWD Fast Forward High School Student Certification Grant

*28 high school students from 15 participating high schools graduated from Gateway **before** they graduated high school (11 students graduates when they were juniors!)*

Certifications Earned:

- Gateway Welding Maintenance & Fabrication Technical Diploma

Additional Options Certifications: MSSC Safety Certification & Youth Apprenticeship

Outcomes & Future Academies

- 2019-2020 High School Academies:
 - Welding Academy: 28 Graduates
 - Waterford Union HS started offering courses in high school, paying tuition/fees
 - CNC Academy: 8 Completers
- 2020-2021 (Funded by high schools paying tuition/fees):
 - *Advanced Manufacturing (8)
 - Criminal Justice (26)
 - CNC (6)
 - Welding (28)

**Funded by a private donor*

Students have the opportunity to continue in Career Path at Gateway after they complete the High School Academy.

Parents & Students' Perspectives

“For Jacob, this was a game changer. He didn’t know anything about welding, but he connected with his instructors right away, he knew some of the students who were from his high school and we was able to do his work on a technical college campus. I can’t say enough on how well he has done with this.” -Michelle Allender, parent

[“Sparking Success Early” STUFF Magazine](#): Ethan Schaefer

[“Badger Student Graduates College, High School” Lake Geneva News](#):
Trevor Statdfield



High School Perspective

- Kenosha Unified School District
 - 7 students participated in Welding Academy from Bradford, Harborside, Indian Trail Academy, Reuther, Tremper
 - Starting in Fall 2019, KUSD offering Transcribed Credit
 - 2020-2021: 10 students participating in Welding Academy; 3 students participating in Criminal Justice Academy & 1 student participating in SMART Manufacturing
 - KUSD Facilities
 - 51.6% Economically Disadvantaged
 - Youth Apprenticeship / Kenosha Pipeline
 - Act 59 / CTE Technical Incentive Grant
 - District Sustainability
 - Story - Bradford graduate

Resources

Gateway Technical College Resources:

[Gateway Technical College K12 Annual Report 2018-2019](#)

gtc.edu/earn-credit

Gateway Technical College

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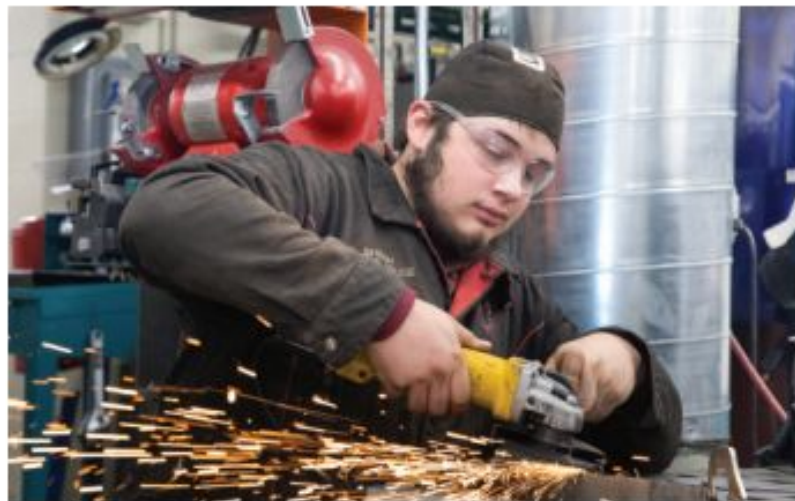
Program Effectiveness

Kenosha Unified School District

Cheryl Kothe ckothe@kUSD.edu

Coordinator of Career & Technical Education/ Youth Apprenticeship

Coordinator



"It feels good to have these certificates right out of high school. Instead of spending four years in college and going into debt, I'll be ready to get a job in my field right away."

-Matt Hahn, a Youth Options welding student