

2021 HYBRID TOUR OF MANUFACTURING

FEATURING **8**
MANUFACTURING
FACILITIES

1 HIGHER EDUCATION
LOCATION

In Person Tours:

Thursday, October 7th 9am – 3pm

Saturday, October 9th 9am – 1pm

Virtual Tours:

Available the entire month of October

Tours and magazine content available at

www.tourofmanufacturing.com

FREE
AND OPEN TO
THE PUBLIC

Photo courtesy of
South Central College





INSPIRED TO MANUFACTURE SUCCESS

Eide Bailly is proud to support our local manufacturers in the South Central Tour of Manufacturing. As a top 25 CPA firm in the nation, we've been helping manufacturers reach their goals through services that go well beyond traditional tax and audit. Whether you're updating your technology, filing for R&D tax credits or planning for succession, we can help you make confident business decisions and keep our local economy growing strong.



CPAs & BUSINESS ADVISORS

What inspires you, inspires us.

507.387.6031 | eidebailly.com



Tour of Manufacturing

of South Central Minnesota

www.tourofmanufacturing.com

Sponsored by:



CPAs & BUSINESS ADVISORS

Welcome to the Tour of Manufacturing

In celebration of manufacturing in South Central Minnesota, we are excited to showcase manufacturers each October during the South Central Tour of Manufacturing. Manufacturers across the region have historically opened their doors to showcase their facilities, products, machines, and the variety of opportunities in their in-demand and high paying sector. Last year, our partnership was determined to continue this celebration of manufacturing, made up largely of essential employers, for all that they have done, and continue to do, to support our region as we navigate through the COVID-19 pandemic. In response to social distancing and safety concerns, our partnership looked within to create a virtual tour, aiming to continue the spirit of lifting the veil on the creative work being done in our own backyards. This year is no different. Welcome to the 2021 Hybrid Tour of Manufacturing, where employers made the choice in engagement—with some hosting in person tours, some are virtual, and some are even offering live virtual tours.

Participants in this year's tour can look forward to accessing information about each contributing manufacturer through this publication, including information about in person tours, career opportunities, and links to virtual tours, allowing you to experience a peek into what is happening inside the walls of the buildings you drive by every day. Students, job seekers, and those who are just curious, can experience the tours, learn about how products are made and how to get started in a career in manufacturing. This tour is a great opportunity for both high school students exploring careers, as well as, current job seekers looking to advance their skillset or make a career change.

Manufacturing employers are hiring and are excited to show the variety of careers they offer: finance, production, marketing, IT, and more. Manufacturing isn't just assembly—it's innovative and high-tech, in-demand and secure, clean and safe, and offers a wage much higher than the regional average.

We would like to thank our participating manufacturers for opening their doors and sharing their story, Eide Bailly for their generous sponsorship and continued investment in this tour, and all of you for participating in this great event year after year. The Tour of Manufacturing wouldn't be possible without the continuing generous sponsorship by Eide Bailly. Enjoy the tour!

— South Central Tour of Manufacturing Partnership

Tour Options

Thursday, October 7 th	Saturday, October 9 th
In Person Tours <ul style="list-style-type: none">• Cambria• South Central College	In Person Tours <ul style="list-style-type: none">• Cambria• Alumacraft
Tour Videos available throughout October	
Alumacraft Cambria Cinch Connectivity Solutions Jones Metal Products Michael Foods MICO, Inc. South Central College Taylor Corporation	

South Central Tour of Manufacturing Partnership:

City of Fairmont
Eide Bailly
Greater Mankato Growth
Mankato Free Press
Mankato Public Schools
MN Dept. of Employment & Economic Development
MN State Engineering Center of Excellence
South Central College
South Central Service Cooperative
South Central WorkForce Council
Waseca Chamber of Commerce

2021 Tour of Manufacturing - Thursday Sites -

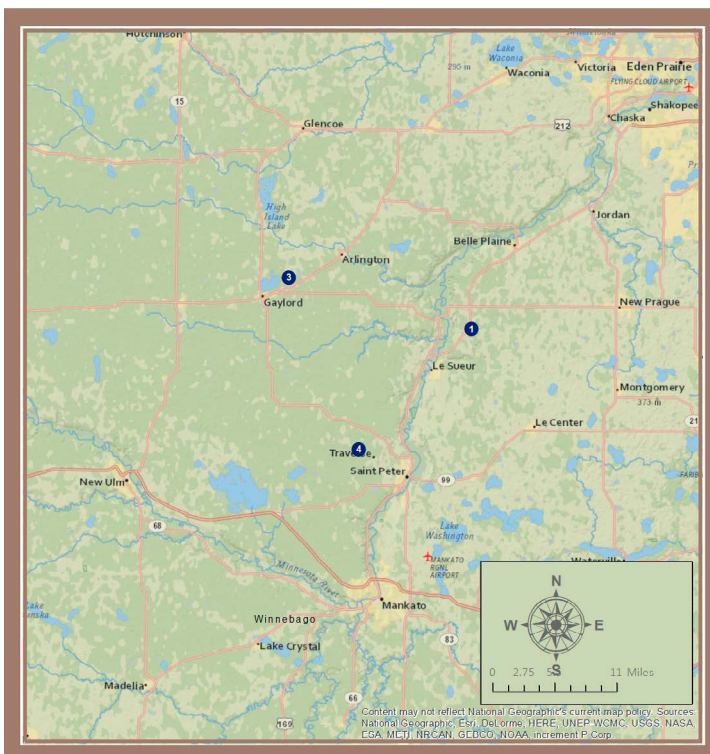


1. Cambria
31496 Cambria Avenue Le Sueur
2. South Central College North Mankato

When touring look for this sign.



2021 Tour of Manufacturing - Saturday Sites -



1. Cambria
31496 Cambria Avenue Le Sueur
3. Michael Foods
120 Tower **CANCELLED** Gaylord
4. Alumacraft
315 W Julian Street St. Peter



Manufacturing in South Central Minnesota

The manufacturing industry is a significant contributor to the South Central Minnesota regional economy. According to DEED's Quarterly Census of Employment and Wages (QCEW) data, the 9-county South Central Region (region 9) was home to 345 manufacturing establishments providing 17,764 jobs on average in 2020. That was 5.7% of total manufacturing employment in the state. Manufacturing accounted for 17.8 % of the total employment, making it the second largest industry sector in the region. South Central has the fourth largest concentration of manufacturing employment of the 13 regions in the state.

These manufacturers provided about \$1 billion in total payroll in 2020, making it the largest industry in terms of payroll. Average weekly wages in manufacturing were \$1,093 in 2020, which was 19.7 percent higher than the average across all industries. (See table 1)

NAICS Code	Industry Title	Number of Jobs	Number of Firms	Total Payroll	Average Weekly Wage
0	Total, All Industries	99,645	6,860	\$4,730,172,384	\$913
31	Manufacturing	17,764	345	\$1,010,333,374	\$1,093
311	Food Manufacturing	5,726	53	\$345,509,744	\$1,161
323	Printing and Related Support Activities	2,178	38	\$92,602,487	\$812
335	Electrical Equipment, Appliance, and Component Manufacturing	1,841	17	\$111,403,551	\$1,164
327	Nonmetallic Mineral Product Manufacturing	1,309	24	\$86,076,756	\$1,259
332	Fabricated Metal Product Manufacturing	1,262	60	\$68,565,288	\$1,046
334	Computer and Electronic Product Manufacturing	1,235	11	\$72,397,871	\$1,128
333	Machinery Manufacturing	839	36	\$45,736,176	\$1,048
336	Transportation Equipment Manufacturing	696	12	\$37,936,491	\$1,045
326	Plastics and Rubber Products Manufacturing	684	16	\$36,228,334	\$1,020
339	Miscellaneous Manufacturing	481	21	\$27,888,232	\$1,119
325	Chemical Manufacturing	464	12	\$31,517,001	\$1,305
312	Beverage and Tobacco Product Manufacturing	326	12	\$14,377,581	\$852

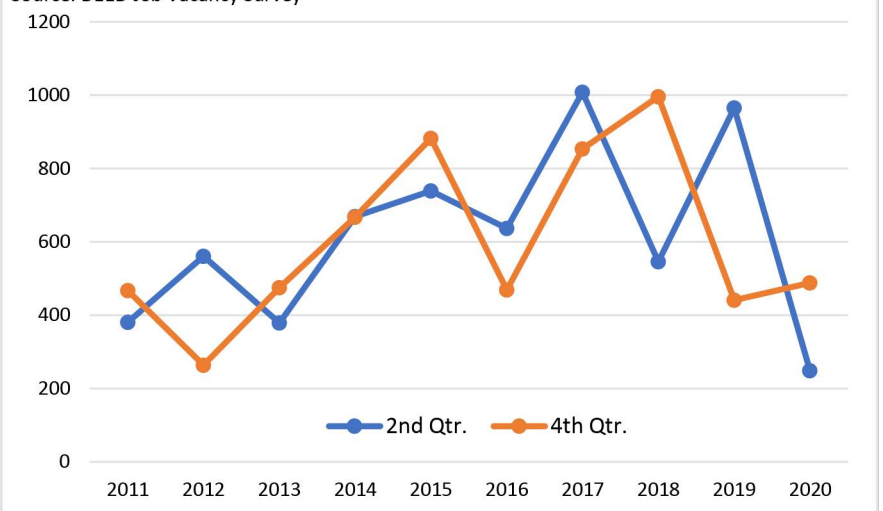
Source: DEED Quarterly Census of Employment and Wages

OCCUPATIONAL DEMAND

Most recent estimates of job vacancies in the Southwest region show that there were 488 manufacturing vacancies in the fourth quarter of 2020, which was up from last year's estimate of 441. The pandemic certainly has had an impact on the job vacancy numbers however as shown by the second quarter estimates (blue line) in figure 2. Even with fewer vacancies employers continue to struggle with finding applicants to fill their job vacancies and there are plenty of jobs available in manufacturing.

Figure 2. Southwest Minnesota Manufacturing Job Vacancies (2010-2020)

Source: DEED Job Vacancy Survey



OCCUPATIONAL EMPLOYMENT STATISTICS

DEED's Occupational Employment Statistics program provides detailed employment and wage data for a wide range of occupations involved in manufacturing. In sum, there were an estimated 10,510 people working in production occupations in the South Central Minnesota, accounting for about 10.5% of the total regional employment and earning a median wage of \$19.31 per hour.

As noted above, in addition to production occupations, manufacturers also require the services of workers in several other occupational groups, such as office and administrative support, transportation and material moving, architecture and engineering, management, and installation, maintenance and repair, sales, business and financial operations, and computer and mathematical. Not surprisingly, wages were higher for the higher level positions such as management, computer and mathematical, architecture and engineering, and business and financial operations, all of which pay median wages over \$30.00 an hour. See table 3.

Table 3. South Central Occupational Employment and Wage Statistics - 1st Qtr. 2019				
Occupation	South Central		Minnesota	
	Employment	Median Hourly Wage	Employment	Median Hourly Wage
Total, All Occupations	99,840	\$19.76	2,708,760	\$23.00
Production	10,510	\$19.31	202,240	\$19.82
Office & Administrative Support	12,340	\$19.31	338,050	\$20.93
Transportation & Material Moving	8,780	\$18.43	209,210	\$18.83
Architecture & Engineering	1,770	\$32.85	54,880	\$38.90
Management	4,550	\$43.81	164,530	\$54.22
Installation, Maintenance & Repair	4,250	\$23.98	98,840	\$25.45
Sales & Related	8,640	\$15.28	250,430	\$16.83
Business & Financial Operations	3,250	\$30.03	179,670	\$35.24
Computer & Mathematical	1,110	\$32.25	98,240	\$44.89
Source: DEED Occupational Employment Statistics				

Miscellaneous assemblers and fabricators, packaging and filling machine operators, supervisors of production and operating workers, welders, and computer numerically controlled tool operators are among the top five highest employing manufacturing occupations in the region. Combined, these five occupations make up 35.7% of all production employment in South Central Minnesota. Median hourly wages for all production jobs in the region rests at \$19.31 per hour, but ranges from \$12.79 for etchers and engravers to \$47.15 for industrial production managers. Almost all of these manufacturing occupations can be gained with a high school diploma or less, however there is one occupation that requires vocational training, that being machinists, and industrial production managers requires a Bachelor's degree. See table 4.

Regardless of educational requirements, on-the-job training, appears to be the critical element for most of these production occupations. All but two (two occupations had no training data available) of the top 30 employing manufacturing occupations requires some sort of on-the-job training. The training ranges from up to six months, to up to one year, to more than one year. In fact, most of them require up to six months. However, three occupations (miscellaneous assemblers and fabricators, welders, and stationary engineers and boiler operators) require up to one year of on-the-job training while one (power plant operators) requires more than one year.

Table 4. South Central Minnesota Top 30 Manufacturing Occupations (Qtr. 1 2021)				
Occupation	Estimated Regional Employment	Median Hourly Wage	Minnesota Education Requirements	Typical On-the-Job Training Requirements
Total, All Occupations	99,840	\$19.76	NA	NA
Production Occupations	10,510	\$19.31	NA	NA
Miscellaneous Assemblers & Fabricators	1,000	\$16.22	H.S. or Less	up to 1 year
Packaging and Filling Machine Operators	870	\$17.61	H.S. or Less	up to 6 months
First-Line Supervisors of Production & Operating Workers	700	\$29.96	H.S. or Less	up to 6 months
Welders, Cutters, Solderers, & Brazers	620	\$20.78	H.S. or Less	up to 1 year
Computer Numerically Controlled Tool Operators	560	\$18.71	H.S. or Less	up to 6 months
Printing Press Operators	490	\$19.60	H.S. or Less	up to 6 months
Separating, Filtering, Clarifying, Precipitating, & Still Machine Operators	420	\$22.75	H.S. or Less	NA
Production Workers, All Other	410	\$13.99	H.S. or Less	NA
Inspectors, Testers, Sorters, Samplers, & Weighers	380	\$19.26	H.S. or Less	up to 6 months
Meat, Poultry, & Fish Cutters & Trimmers	340	\$14.57	H.S. or Less	up to 6 months
Electrical, Electronic, & Electromechanical Assemblers	330	\$15.24	H.S. or Less	up to 6 months
Food Batchmakers	300	\$22.73	H.S. or Less	up to 6 months
Machinists	300	\$24.58	Vocational Trng.	up to 6 months
Crushing, Grinding, & Polishing Machine Operators	270	\$23.14	H.S. or Less	up to 6 months
Industrial Production Managers	260	\$47.15	Bachelors	up to 6 months
Helpers--Production Workers	240	\$15.33	H.S. or Less	up to 6 months
Mixing & Blending Machine Operators	160	\$22.46	H.S. or Less	up to 6 months
Coating, Painting, & Spraying Machine Operators	160	\$18.81	H.S. or Less	up to 6 months
Water & Wastewater Treatment Plant & System Operators	150	\$26.81	H.S. or Less	up to 6 months
Cutting & Slicing Machine Operators	130	\$20.39	H.S. or Less	up to 6 months
Molders, Shapers, & Casters, Except Metal and Plastic	120	\$18.92	H.S. or Less	up to 6 months
Cutting, Punching, & Press Machine Operators - Metal and Plastic	110	\$18.51	H.S. or Less	up to 6 months
Multiple Machine Tool Operators - Metal and Plastic	110	\$28.69	H.S. or Less	up to 6 months
Power Plant Operators	110	\$46.22	H.S. or Less	more than 1 year
Stationary Engineers & Boiler Operators	110	\$29.88	H.S. or Less	up to 1 year
Extruding & Drawing Machine Operators - Metal and Plastic	100	\$20.80	H.S. or Less	up to 6 months
Extruding, Forming, Pressing, & Compacting Machine Operators	80	\$19.70	H.S. or Less	up to 6 months
Prepress Technicians & Workers	70	\$24.81	H.S. or Less	up to 6 months
Bakers	60	\$15.49	H.S. or Less	up to 6 months
Molding, Coremaking, & Casting Machine Operators - Metal and Plastic	50	\$22.78	H.S. or Less	up to 6 months
Source: DEED Occupational Employment and Wages Statistics and Educational Requirements for Occupations				

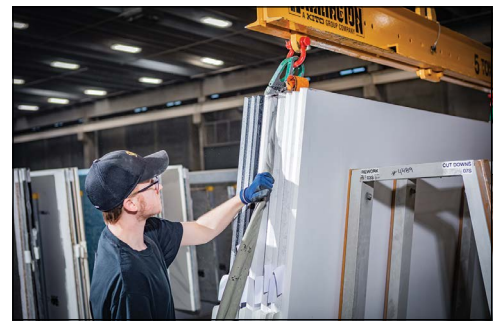
SUMMARY

Manufacturing in South Central Minnesota makes up 5.7% of the total manufacturing jobs in the state, with 17,764 jobs at 345 employing firms, while also making up 17.8% of the total jobs in the region. Over the last decade, the number of manufacturing jobs has decreased by 2.9% after experiencing some ups and downs over the years as well as falling victim to the COVID-19 pandemic over the last year and a half, equaling a loss of 539 jobs from 2010 to 2020. Demand for manufacturing jobs is evident when looking at job vacancy data, which shows that the number of manufacturing job openings has, overall, increased in the region despite the drop seen in the past year due to COVID, as has the median wage offer for these openings. While post-secondary education is required for some of these openings, one or more years of experience appears to be a more sought after requirement. There were an estimated 10,510 people employed in production occupations, making up 10.5% of the total regional employment, with a median hourly wage of \$19.82. Many of these occupations require just a high school diploma or less, however most require some degree of on-the-job training. The region's manufacturing employment is projected to see a 1.9% decrease from 2018 to 2028, equaling a loss of 370 positions. However there are projected to be the need to fill over 7,500 manufacturing job openings due to labor force exits.



C A M B R I A®

**31496 Cambria Ave
Le Sueur
507.665.5003
www.cambriaUSA.com**



**IN PERSON TOUR:
THURSDAY, OCTOBER 7, 2021 • 9AM TO 1PM &
SATURDAY, OCTOBER 9, 2021 • 9AM TO 1PM**

- Must be 16 years of age or older
- Guided Tours every 30 minutes from 9am to 3pm
- Waiver required
- Register to win door prizes
- Refreshments will be served
- Employment application available

VIRTUAL TOUR VIDEO LINK:

www.tourofmanufacturing.com

APPLICATIONS AVAILABLE ONLINE:

www.cambriaUSA.com

EMPLOYMENT

Cambria is the first and only family-owned, American-made producer of natural stone surfaces. Established in 2001, Cambria was built on 70+ years of manufacturing experience in Minnesota. Cambria employs more than 2,000 in the U.S. and Canada, including nearly 600 skilled craftsmen and women at the company's nearly 1 million square foot manufacturing facility.

Their employees take great pride in their work and the company's reputation for quality, exceptional craftsmanship, and beauty. There's never any skimping or cutting corners. Every natural stone surface they create is crafted with hands-on attention down to the smallest details to provide years of flawless performance.

They strongly believe that the best countertops

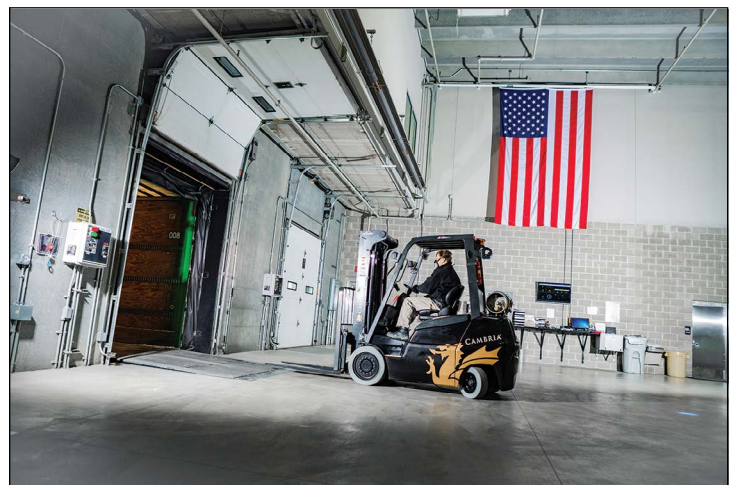
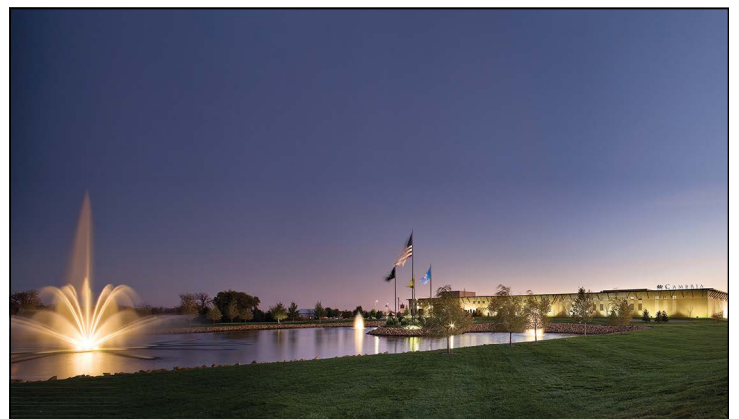
start with the best people. Cambria employees take charge of their career by working for a progressive company where innovation inspires people to grow and reach their full potential. Every job at Cambria is important and great ideas can come from anyone at any time.

Cambria offers competitive benefits, including health insurance, life insurance, profit sharing and 401K with employer match.

CambriaUSA.com/Careers.
#WeAreCambria

QUICK FACTS:

- State-of-the-art-facility
- Family owned company
- Competitive wages + benefits, profit sharing, 401K match
- Unlimited career paths
- Opportunities in: Production, Warehouse, Maintenance, Automation, Engineering





South Central COLLEGE

2

1920 Lee Blvd
North Mankato

507.389.7200

[www.southcentral.edu/
manufacturing](http://www.southcentral.edu/manufacturing)

VIRTUAL TOUR VIDEO LINK:

www.tourofmanufacturing.com



WHY MANUFACTURING?

Manufacturing is a high demand career field with abundant well-paying jobs and advancement opportunities. Today's sophisticated manufacturing environment calls for individuals with a technical education, and South Central College provides a wide variety of options that let students decide how long they want to go to college and progress at their own pace based on their career goals.

WHY SOUTH CENTRAL COLLEGE?

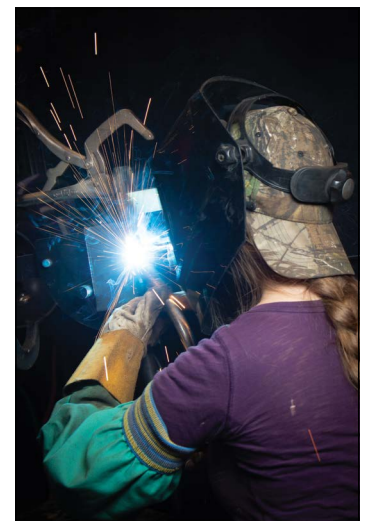
South Central College (SCC) offers many certificate, diploma and associate degree options in programs including manufacturing production technology, machine tool technology, mechatronics, energy technical specialist

and welding. All these programs provide students an opportunity to earn industry-recognized credentials, which lets employers know SCC graduates have the knowledge necessary to work in today's high tech manufacturing world. In addition, students can start their career while completing their college degree. SCC's Learn Work Earn program lets students work part-time for an area manufacturer while going to school. On-the-job training is combined with traditional classroom instruction, allowing students to master their technical skills, gain experience in the field and earn wages to offset the cost of their education. For more information, visit southcentral.edu/manufacturing.

South Central College also has a special division, the Center for Business

and Industry (CBI), which provides employers and employees with customized training and professional development opportunities in manufacturing and trade, workplace safety and more. Each year CBI provides training to approximately 12,000 individuals. For more information, visit www.southcentral.edu/cbi.

- South Central College has been offering advanced manufacturing education since the college's inception in 1946.
- The number of individuals employed in manufacturing in Minnesota increased from 292,203 in 2010 to 309,002 in 2020, a growth rate of 6%.
- The average weekly wage for those working in manufacturing in Minnesota grew 26% from 2010 to 2020,



jumping from \$1,082 to \$1,362 in 2020, a \$280 increase over a 10 year period.

MICHAEL FOODS INC.

120 Tower Street
Gaylord
507.237.4600
www.michaelfoods.com

VIRTUAL TOUR VIDEO LINK:

www.tourofmanufacturing.com

APPLICATIONS AVAILABLE ONLINE:

www.michaelfoods.com



EMPLOYMENT

Michael Foods has plants across the US that manufactures egg, potato and sausage products for restaurants and cafeterias as well as retail grocery. Our flagship facilities are located in Gaylord and are critical to our value-added egg portfolio, manufacturing everything from liquid and hard cooked eggs to fully cooked patties and omelets. Within the Gaylord community, we are very proud of our track record as an employer who creates career opportunities for its employees with the wages and benefits needed to create better lives for themselves and their families. Additionally, we actively participate in community events from parades to food drives and donations – including local food kit giveaways during the COVID-19 pandemic.

Employment:

The Michael Foods family of businesses has grown to become a \$2 billion manufacturer and distributor of foodservice, food ingredient and retail offerings by introducing innovative products that have changed the food landscape. From helping restaurant owners enhance the quality of their menus, to supporting food manufacturers with premium ingredients, to satisfying countless consumers with our popular lines, we're a proven, innovative leader in food.

For over 100 years, the Michael Foods family of businesses has leveraged quality ingredients and innovative processes to offer the finest products and solutions to our customers and to food-loving consumers. Today, we're the nation's largest processor of value-added eggs—but

that's just the beginning.

Michael Foods, INC was purchased by Post Holdings in June of 2014. Now Michael Foods' sister companies include Post Cereal, Power Bar, and Bob Evans.

In 2016 & 2017, the Gaylord Complex was awarded Operations of Excellence Award for outstanding results in Safety, First Past Quality, Overall Equipment Efficiencies and Direct Manufacturing Expenses.

Quick Facts:

- The Gaylord Complex produces over 500 million pounds of egg products each year in their different forms, liquid, precooked and hard cooked.
- Michael Foods employees over 850 employees in the Sibley and LeSueur County.
- We offer competitive wages, great benefits,

tuition reimbursement, annual bonus incentive, and paid time off accrual from hire date.

- Benefits include medical, dental, vision, life insurance, short term and long-term disability, and 401K match up to 6%.
- Gaylord and LeSueur locations include jobs with a rotating shifts of 12 hours and 8 hour shifts in departments for operation, distribution, maintenance, and farm locations.



ALUMACraft

**315 W. St. Julien St
St. Peter**
507.931.1050
www.Alumacraft.com

IN PERSON TOUR:

SATURDAY, OCTOBER 9, 2021 • 9AM TO 1PM

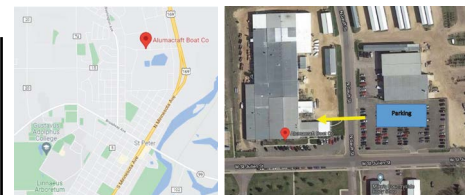
- Guided Tours every 30 minutes from 9am to 1pm
- Refreshments will be served
- Employment applications available

VIRTUAL TOUR VIDEO LINK:

www.tourofmanufacturing.com

APPLICATIONS AVAILABLE ONLINE:

www.alumacraft.com



DIRECTIONS

From the South: Follow US-169 N to W St Julien St. Turn left onto W St Julien St (at the McDonald's). Parking lot will be on your right.
From the North: Follow US-169 S to W St Julien St. Turn right onto W St Julien St (at the McDonald's). Parking lot will be on your right. Parking will be available in the lot on the corner of W St Julien St and N Gault St. Tour participants will cross N Gault St and enter the facility as shown by the yellow arrow

EMPLOYMENT

Alumacraft Boat Company has been building quality aluminum fishing boats in Minnesota for 75 years. The last 50 years of that rich history has been in St. Peter. After a recent acquisition in 2018, Alumacraft is now part of BRP who is a global leader in the world of powersports vehicles, propulsion systems and boats, built on over 75 years of ingenuity and intensive consumer focus. Their portfolio of industry-leading and distinctive products includes Ski-Doo and Lynx snowmobiles, Sea-Doo watercraft, Can-Am on- and off-road vehicles, Alumacraft, Manitou, Quintrex, boats and Rotax marine propulsion systems as well as Rotax engines for karts and recreational aircraft.

Producing more than 30 models of boats, the men and women of Alumacraft

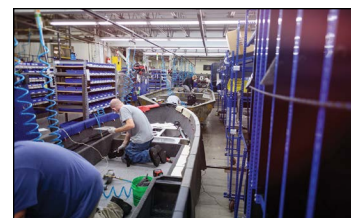
come from many different backgrounds. The more than 200 team members across 2 shifts fabricate, assemble, paint, and test all of the boats that are produced. They bring a coil of aluminum in one side of the plant and a complete boat comes out the other end.

Employment opportunities exist in all areas. Fabrication, painting, welding, heavy assembly, light assembly, and quality inspection opportunities exist on the plant floor as well as engineering, technician, planning, and leadership opportunities for professionals.

For more information and to explore the current employment opportunities, please visit www.alumacraft.com

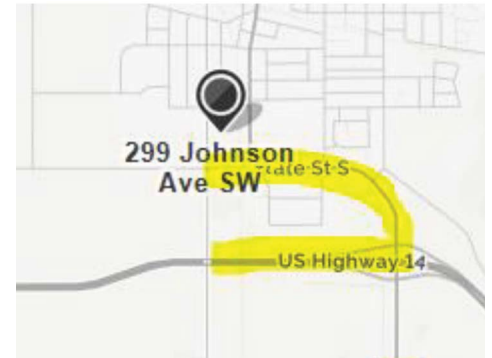
Quick Facts:

- The origins of the company date back to 1946 when The Flour City Ornamental Iron Company made the first boat after supporting the war effort making pontoon bridges and aircraft parts for the United States military out of aluminum.
- Alumacraft's exclusive 2XB full-length, twin-plated hull offers twice the strength and protection from the bow to the transom. A superior hull design that dramatically reduces sound and vibration, paired with larger aircraft grade rivets and a seamless one-piece hull bottom, means a soft, quiet and dry ride, even in rough water.
- Alumacraft is the oldest aluminum boat manufacturer in the United States





**299 Johnson Ave SW
Suite 100
Waseca
507.833.8822
www.belfuse.com/cinch**



DIRECTIONS

Cinch Connectivity Solutions is located at 299 Johnson Avenue S.W. Suite 100. From Highway 14, travel North on Highway 13 and take left onto Johnson Avenue. Parking is available in visitor's parking, on the street and in lot across the street.

CINCH CONNECTIVITY SOLUTIONS VIDEO LINK

<https://www.youtube.com/watch?v=UA71N-vnLPQ&t=64s>

APPLICATIONS AVAILABLE ONLINE:

<https://www.belfuse.com/resource-center/careers/>

EMPLOYMENT

Cinch Connectivity Solutions is a vertically integrated supplier of high quality, high performance connectors, fixed length and semi rigid cable assemblies from DC to 50 GHz, and custom solutions. Their product lines deliver custom-engineered solutions to satisfy the most demanding and complex requirements. Cinch Connectivity's products support aerospace, military, wireless communications, data networking, test and measurement, telecommunications, broadcast, medical, oil and gas and other harsh environment applications. Combined with the strength of our parent company, Bel Fuse Inc., Cinch Connectivity Solutions aims to provide an unparalleled offering to the vast array of industries they serve.

WHY WORK HERE

Cinch Connectivity Solutions offers career opportunities in the Engineering, Finance, IT, HR, Customer Service, Procurement and Production areas such as Machining, Plating, Quality, Warehouse and Assembly. They also offer Job Shadow and a paid CNC Machinist Apprenticeship Program.

QUICK FACTS

- The Waseca business has been an active employer in the Waseca community for over 75 years. Once part of the original E.F. Johnson business, E.F. Johnson began manufacturing radio components in 1923, becoming well-known 20 years later for its radios installed inside WWII military vehicles.
- After a series of acquisitions, the business was eventually sold

to Bel Fuse, the parent company of Cinch Connectivity Solutions. Bel Fuse is a headquartered in Jersey City, NJ with a global footprint which covers the Americas, Europe and Asia.

- The Waseca plant is a vertically integrated facility that employs 220 associates.
- They have the capability of providing design solutions to customers for unique operational challenges in a global environment.
- Machine Shop tolerances include 100th thickness of a human hair. Their machining capabilities also include a high precision turning machine capable of



machining down to 1 micron. This machine is one of only two that exist in the world.

- They are proud to be a member of the Waseca Chamber of Commerce, and annually provide assistance to the community in the form of charitable giving, scholarships and employee volunteers.



**3201 3rd Avenue
Mankato**
507.625.4436
www.jonesmetalinc.com

VIRTUAL TOUR VIDEO LINK:

www.tourofmanufacturing.com

APPLICATIONS AVAILABLE ONLINE:

www.jonesmetalinc.com



EMPLOYMENT

Since 1942 Jones Metal has been known for custom, precision metal fabrication a legacy the Jones team is very proud of. Committed to building on that legacy Jones Metal leads the industry with team expertise, precision manufacturing processes, technology and services to deliver the highest quality custom fabrication for the best total value.

Mildred Jones established the company with strong values and an innovative spirit that is built to last.

76+ years later Jones Metal is a 3rd generation WBE certified woman owned company. Jones Metal also holds the most recent ISO 9001:2015 registration.



Jones Metal provides advanced, precision metal fabrication solutions for original equipment manufacturers in various industries, including power generation, nuclear power generation, renewable energy, agricultural, heavy construction, mining, transportation, food, and the US Military. **Jones Metal supports world-class innovation.**

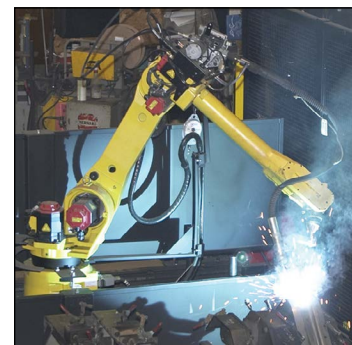
Whether the project is in the idea stage or is fully developed with a full-print specification, the engineers at Jones Metal use the

latest solid modeling and machine-utilization software to ensure each project is optimally designed for Jones Metal's high-tech manufacturing processes. The design for manufacture method integrates quality specifications, shortens production time, reduces waste, and minimizes costs.

Who do they hire? Jones Metal is always looking for the "best manufacturing athletes" says CEO, Sarah Richards, "we want women and men with the best attitude and aptitude, we will train them from that

point. Once trained, they are regarded as world-class metal fabricators."

One of Jones' newest welders commented, "I have been waiting for this opportunity, when I moved to the area and asked about fabrication companies, I was told that the best was Jones Metal that they were hard to get into but a great place to work. I am so glad I got in, I love to weld and run machines like robots laser cutters, this is going to be good."





**1911 Lee Blvd
North Mankato**
507.625.6426
www.mico.com

VIRTUAL TOUR VIDEO LINK:

www.tourofmanufacturing.com

VIRTUAL CAREER FAIR:

<https://www.mico.com/careers>

INFORMATION

- Global workforce of ~153,000 with 271 locations in 24 countries
- North Mankato facility has ~185 employees including careers from Engineering to Machining, Logistics and Sales
- Highly advanced manufacturing facility with the latest technology



EMPLOYMENT

Why Work Here?

Are you innovative and dedicated? Do you want to work for a successful international company on the cutting edge of automotive and industrial technology? Are you looking for a fair and responsible employer? Do you enjoy working in a team? Do you want to grow professionally and take on new responsibilities? Then come to MICO and help us shape the mobility solutions of tomorrow. MICO is now part of ZF, bringing an abundance of career opportunities worldwide.

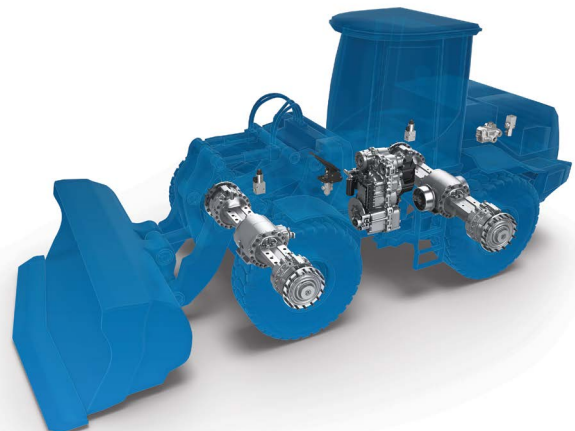
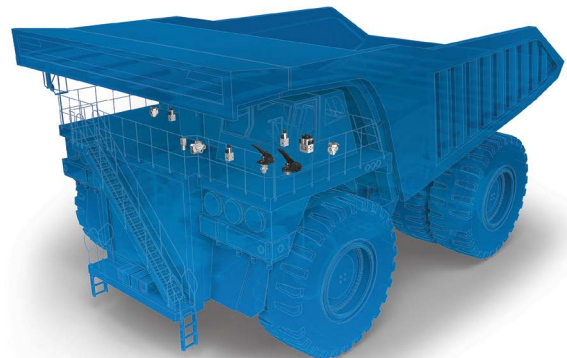
Description

MICO is a global leader in precision-engineered hydraulic and electrohydraulic components, controls, and braking systems for off-highway machines. Their product portfolio serves

customers in the heavy-duty, off-highway industries such as construction, mining, material handling, forestry and agriculture. Providing custom solutions for the world's toughest machines.

MICO will transition to ZF over the next several months, a result of ZF's 2020 acquisition of MICO's parent company, WABCO. MICO is bringing a strong 75 year heritage to the ZF family of off-highway technologies.

ZF and MICO have a shared expertise in the off-highway industry and technology. With this common foundation and knowledge, they will bring opportunities for innovation and complementary technology that will eventually provide fully autonomous systems to the off-highway industry.





**1725 Roe Crest Drive
North Mankato**
507.625.2828
www.taylor.com

VIRTUAL TOUR VIDEO LINK:

www.tourofmanufacturing.com

APPLICATIONS AVAILABLE:

www.WorkForTaylor.com

TAYLOR FACTS:

- Glen Taylor, Owner and Founder, started his career with Carlson Wedding Services before purchasing the company in 1975 for what would become Taylor Corporation.
- Taylor has acquired 187 companies in the graphic arts industry over the past 45 years, changing the landscape of printing in America.
- Taylor has more than 40,000 customers, 115 years of manufacturing experience, 170 active U.S. Patents, and 90 production and warehouse facilities.

EMPLOYMENT

Taylor Corporation is a connected team of dedicated and motivated professionals who seek to create tomorrow's innovations, business processes and marketing solutions for our clients. Our core purpose is to create opportunity and security for our employees. We respect the potential and significance of every individual, have a passion for customers and our work, believe there's always a better way, and embrace personal as well as shared responsibility and accountability.

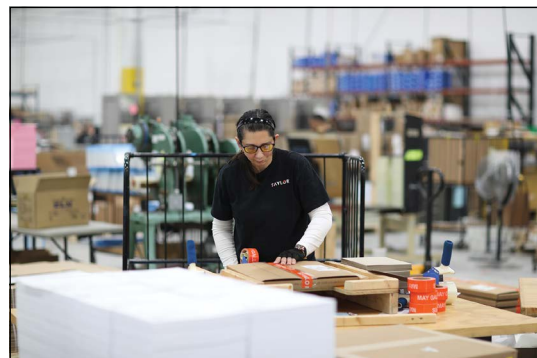
One of the top five graphics communications companies in North America, Taylor's family of companies provide a diverse set of products, services and technologies addressing the toughest communication challenges. For 45 years, Taylor has

been a premier provider of powerful and innovative products, services and expertise for individuals, businesses, and distributors large and small. Our 10,000+ employees spanning more than 25 states and 9 countries work diligently to create the interactive, printing and marketing solutions that have helped build some of the world's more recognizable brands. Everything we do begins with identifying the unique priorities and needs of our customers and creating one-of-a-kind solutions.

Our business and teams of employees help improve the communities in which we live and work. We contribute to the well-being of these communities through charitable giving, volunteerism, and civic leadership. Taylor is committed to creating economic strength — in our

communities and across the country — through our efforts to support and assist minority- and women-owned companies. We are committed to applying our global knowledge and expertise to continually improve safety, wellness, environmental performance, and sustainability. Taylor is an Equal Opportunity and Affirmative Action employer that values diversity.

Learn more about us at Taylor.com and check out our openings at WorkForTaylor.com or text "TAYLOR" to 97211.



CAREER PATHS IN MANUFACTURING

IN SW/SC MN

4-YEAR OR MORE COLLEGE DEGREE AND/OR EQUIVALENT EXPERIENCE

Industrial Engineers
\$39.41

Mechanical Engineers
\$38.15

Sales Representatives,
Wholesale and
Manufacturing, Technical
and Scientific Products
\$25.97

1-2 YEAR COLLEGE DEGREE (OR CREDENTIAL)

Machinists
\$23.07

Industrial Machinery
Mechanics
\$25.32

Industrial Engineering
Technicians
\$24.87

HIGH SCHOOL DIPLOMA OR GED / ON-THE-JOB TRAINING

First-Line Supervisors/
Managers of Production
and Operating Workers
\$30.45

Packaging and Filling
Machine Operators
and Tenders
\$17.55

Welders, Cutters,
Solderers, and Brazers
\$20.77

WHY CHOOSE A CAREER IN MANUFACTURING?

Manufacturing provides just shy of 20 percent of all total employment in the region, making it the largest industry in the region just ahead of health care and social assistance. Southwest and South Central is the only region in the state where manufacturing is the largest employing industry. Average wages in manufacturing are 20.5 percent higher than the total of all industries.

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View videos of career paths in manufacturing:
www.careeronestop.org/Videos/CareerVideos/career-videos.aspx

These jobs are in demand in Southwest and South Central Minnesota and these are SW/SC Minnesota Median wages. Data collected from Department of Employment and Economic Development.

In Demand Manufacturing Careers

CNC PROGRAMMER AND MACHINIST

WELDERS

EDUCATION



Some operators are trained on basic machine operations and functions in a few months. Other workers, such as computer-controlled machine tool operators, may need up to two years to become trained.

High school diploma or equivalent, combined with technical training and on the job training, welding certificate



IMPORTANT QUALITIES



- High degree of autonomy
- Troubleshooting
- Integrity
- Industrial automation
- Process management
- Data entry

- Detail oriented
- Self-starting / Self-motivated
- Problem solving
- Integrity
- Dependability
- Team player
- Work independently
- Basic computer skills



WHAT THEY DO



Operate programming software to generate computer numerically controlled (CNC) programs used to control CNC machine tools that drill, mill, rout, grind, or notch.

Responsible for assembling structural metal products using tools, welding equipment, and their own hands.



EMPLOYMENT OPPORTUNITIES

MEDIAN HOURLY WAGES \$18.39 TO \$25.62

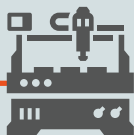
Demand is expected to be strong, as many firms are adopting technologies such as machine tools and robots.

These jobs are in demand in Southwest and South Central Minnesota and these are SW/SC Minnesota Median wages. Data collected from Department of Employment and Economic Development.

MEDIAN HOURLY WAGES \$17.20 TO \$23.29

Types of welders in demand: arc and gas welding

WORK ENVIRONMENT



These workers often operate powerful, high-speed machines. Operators usually wear protective equipment, such as safety glasses, earplugs, and steel-toed boots to protect them from flying particles of metal or plastic, machine noise, and heavy objects.

Welders and cutters may work outdoors, or indoors, sometimes in a confined area designed to contain sparks and glare.

Most welders work full time, and overtime is common.



2021

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Equal Opportunity Employer and Program Provider - Upon request the information in this document can be made available in alternative formats for people with disabilities by contacting Leah Hastad at lhastad@swmnpic.org or 507-760-0199

In Demand Manufacturing Careers

MECHANICAL ENGINEERING TECHS

INDUSTRIAL ENGINEERS

EDUCATION

Most employers prefer to hire candidates with associate's degrees or other postsecondary training in mechanical engineering technology.

Industrial Engineers typically need a bachelor's degree in mechanical engineering or mechanical engineering technology.

IMPORTANT QUALITIES

- Project Management
- Work independently
- Manufacturing process
- Problem solving
- Troubleshooting
- Process Improvement
- Risk Management
- Detail oriented
- Creativity

- Project Management
- Problem solving
- Data Analysis
- Product development
- Work independently
- Management skills

WHAT THEY DO

Mechanical engineering technicians help mechanical engineers design, develop, test, and manufacture mechanical devices, including tools, engines, and machines. They may make sketches and rough layouts, record and analyze data, make calculations and estimates, and report their findings.

Develops and documents the required parameters for machines and tools used to produce products. Analyze problems to see how mechanical and thermal devices might help solve a particular problem. Investigate equipment failures or difficulties to diagnose faulty operation and to recommend remedies. Analyze the test results and change the design or system as needed. Oversee the manufacturing process for the device.

EMPLOYMENT OPPORTUNITIES

MEDIAN HOURLY WAGES \$14.00 TO \$26.38

Employment of industrial machinery mechanics and machinery maintenance workers is projected to grow 6.3 percent from 2018 to 2028.

MEDIAN HOURLY WAGES \$31.95 TO \$45.18

Employment of industrial engineers is projected to grow 6.2 percent from 2018 to 2028.

These jobs are in demand in Southwest and South Central Minnesota and these are SW/SC Minnesota Median wages. Data collected from Department of Employment and Economic Development.

WORK ENVIRONMENT

Mechanical engineering technicians assist with manufacturing processes in factories or with development phases in research and development labs before manufacturing takes place.

Industrial Engineers generally work in offices. They may occasionally visit worksites where a problem or piece of equipment needs their personal attention.





Scholarships for Women

Scholarships are available to women interested in learning the skills needed for excellent paying non-traditional careers such as Welder, Machinist, Auto Mechanic, HVAC, CDL drivers, Law Enforcement, Information Technology and more!

For more information contact
Emily Roiger, 507-344-2638, eroiger@mnnvac.org



700,000 
MN MANUFACTURING WORKERS
PLAN TO RETIRE OVER NEXT DECADE

 **64%** OF
MANUFACTURES SAW
THEIR LARGEST CHALLENGE
ATTRACTING AND RETAINING A
QUALITY WORKFORCE

IN THE NEXT 10 YEARS 
4.6 MILLION JOBS
NEED TO BE FILLED IN MANUFACTURING ALONE

 **40%** OF
MINNESOTA MANUFACTURING BUSINESSES
ABILITY TO GROW WILL BE IMPACTED
BY THE SHORTAGE OF QUALIFIED WORKERS



MINNESOTA STATE

Advanced Manufacturing Center of Excellence



**MINNESOTA
MANUFACTURED**

We are Minnesota's resource for manufacturing career promotion. We lead the annual Minnesota Statewide Tour of Manufacturing and offer FREE resources such as:

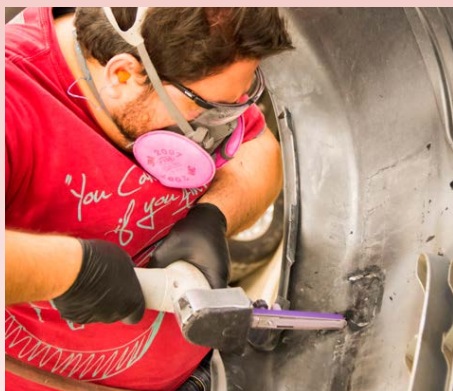
- A Multi-layered Manufacturing Career Tool, including an interactive quiz
- Teacher Guide curriculum including worksheets, activities and facts about MN manufacturing
- Digital Badge Pathway career exploration system, including an opportunity to win a scholarship to our very own manufacturing certificate program, ETECH.
- Library of career videos

To learn more or become a sponsor please visit us at www.mnmfg.org

SCC CONNECTS

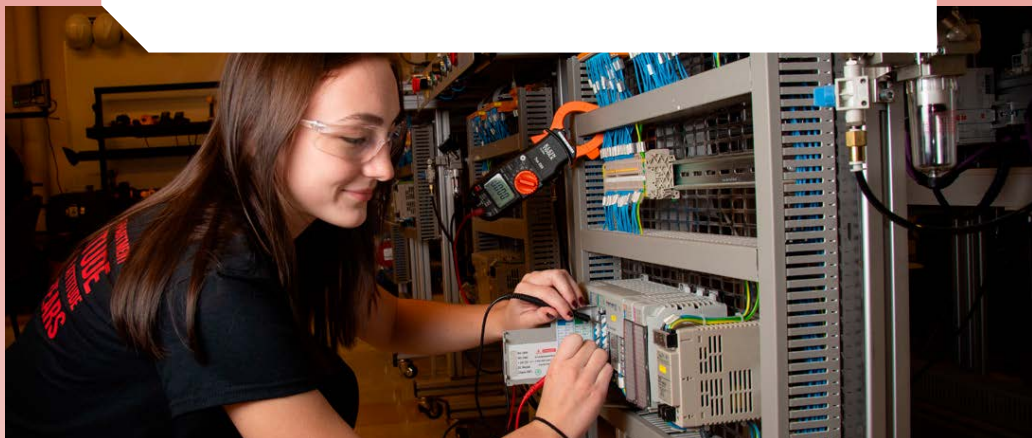
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South Central College
Manufacturing Program:

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- Mechatronics
- HVAC/R
- Auto Body and Collision
- Welding



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TO

Manufacturing CAREERS



***SCC Connects* is a FREE program that connects future SCC students to:**

- A course to get you ready for college (math, reading and career exploration)
- College application and registration assistance
- Guidance navigating the college computer system
- Financial Aid/FAFSA
- Grants and Scholarships
- College classroom support (Tutoring)
- **Financial help with books, tuition, supplies and equipment**

***SCC Connects* Classes:**

November 10 - December 13
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12:00 - 3:00 pm

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