



Shawano CTE prepares students for careers after high school

## Welding and Metals Recommended Course Sequence

This document will help you plan your courses in the Welding and Metals Pathway. You should make an appointment with your CTE Instructor to be sure you are scheduled for the correct courses and professional experiences.

Mr. Eggert

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| 9th Grade-Freshman                                                                                | 10th Grade-Sophomore                                                                                      | 11th Grade-Junior                                                                                                                                                                                     | 12th Grade-Senior                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Metals and Manufacturing 1:</b><br>Introduction to welding and metals manufacturing processes. | <b>Metals and Manufacturing 1:</b><br>Introduction to welding and metals manufacturing processes.         | <b>Metals and Manufacturing 1:</b><br>Introduction to welding and metals manufacturing processes.                                                                                                     | <b>Metals and Manufacturing 1:</b><br>Introduction to welding and metals manufacturing processes.                                                                                                     |
|                                                                                                   | <b>Metals and Manufacturing 2:</b><br>Welding and metal manufacturing processes at an intermediate level. | <b>Metals and Manufacturing 2:</b><br>Welding and metal manufacturing processes at an intermediate level.                                                                                             | <b>Metals and Manufacturing 2:</b><br>Welding and metal manufacturing processes at an intermediate level.                                                                                             |
|                                                                                                   |                                                                                                           | <b>Advanced Machine Tool:</b><br>Creating projects from blueprints using manual and CNC machining equipment. * <u>Dual Credit NWTC CNC</u>                                                            | <b>Advanced Machine Tool:</b><br>Creating projects from blueprints using manual and CNC machining equipment. * <u>Dual Credit NWTC CNC</u>                                                            |
|                                                                                                   |                                                                                                           | <b>Welding:</b><br>Intermediate welding course that will teach students to read welding blueprints to properly layout welding joints that are used throughout the industry. * <u>Dual Credit NWTC</u> | <b>Welding:</b><br>Intermediate welding course that will teach students to read welding blueprints to properly layout welding joints that are used throughout the industry. * <u>Dual Credit NWTC</u> |
|                                                                                                   |                                                                                                           | <b>Advanced Welding:</b><br>Advanced welding processes involving MIG and TIG welding on steel, stainless steel, and aluminum. * <u>Dual Credit NWTC</u>                                               | <b>Advanced Welding</b><br>Advanced welding processes involving MIG and TIG welding on steel, stainless steel, and aluminum. * <u>Dual Credit NWTC</u>                                                |



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Recommended Course(s) for 2023/2024 are:

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## SCHS Career and Technical Education Recommended Professional Experience(s)

Students who gain professional experience in high school have strong resumes and are prepared for future internships and entrance to post secondary institutions. In the world of business, experience and networking are crucial. Talk with your SCHS CTE Instructor in order to schedule your CTE experiences

| 9th Grade-Freshman                                                                                                                                                                                                                                                                                                              | 10th Grade-Sophomore                                                                                                                                                                                                                                                                                                                                                                     | 11th Grade-Junior                                                                                                                                                                                                                                                                                                                                                                        | 12th Grade-Senior                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Skills USA</b><br>Skills USA empowers its members to become world-class workers, leaders and responsible American citizens. SkillsUSA improves the quality of our nation's future skilled workforce through the development of Framework skills that include personal, workplace and technical skills grounded in academics. | <ul style="list-style-type: none"><li>• <b>Skills USA</b></li><li>• Skills USA empowers its members to become world-class workers, leaders and responsible American citizens. SkillsUSA improves the quality of our nation's future skilled workforce through the development of Framework skills that include personal, workplace and technical skills grounded in academics.</li></ul> | <ul style="list-style-type: none"><li>• <b>Skills USA</b></li><li>• Skills USA empowers its members to become world-class workers, leaders and responsible American citizens. SkillsUSA improves the quality of our nation's future skilled workforce through the development of Framework skills that include personal, workplace and technical skills grounded in academics.</li></ul> | <ul style="list-style-type: none"><li>• <b>Skills USA</b></li><li>• Skills USA empowers its members to become world-class workers, leaders and responsible American citizens. SkillsUSA improves the quality of our nation's future skilled workforce through the development of Framework skills that include personal, workplace and technical skills grounded in academics.</li></ul> |
| <b>DECA</b><br>An association for Marketing students. DECA focuses on four main areas of student development: <ul style="list-style-type: none"><li>• Competitive Events</li><li>• Community Service</li><li>• Social Intelligence</li><li>• Professional Development</li></ul>                                                 | <b>DECA</b><br>An association for Marketing students. DECA focuses on four main areas of student development: <ul style="list-style-type: none"><li>• Competitive Events</li><li>• Community Service</li><li>• Social Intelligence</li><li>• Professional Development</li></ul>                                                                                                          | <b>DECA</b><br>An association for Marketing students. DECA focuses on four main areas of student development: <ul style="list-style-type: none"><li>• Competitive Events</li><li>• Community Service</li><li>• Social Intelligence</li><li>• Professional Development</li></ul>                                                                                                          | <b>DECA</b><br>An association for Marketing students. DECA focuses on four main areas of student development: <ul style="list-style-type: none"><li>• Competitive Events</li><li>• Community Service</li><li>• Social Intelligence</li><li>• Professional Development</li></ul>                                                                                                          |



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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>FFA</b><br>FFA continues to help the next generation rise up to meet those challenges by helping its members to develop their own unique talents and explore their interests in a broad range of agricultural career pathways. So today, we are still the Future Farmers of America. But, we are the Future Biologists, Future Chemists, Future Veterinarians, Future Engineers and Future Entrepreneurs of America, too. | <b>FFA</b><br>FFA continues to help the next generation rise up to meet those challenges by helping its members to develop their own unique talents and explore their interests in a broad range of agricultural career pathways. So today, we are still the Future Farmers of America. But, we are the Future Biologists, Future Chemists, Future Veterinarians, Future Engineers and Future Entrepreneurs of America, too. | <b>FFA</b><br>FFA continues to help the next generation rise up to meet those challenges by helping its members to develop their own unique talents and explore their interests in a broad range of agricultural career pathways. So today, we are still the Future Farmers of America. But, we are the Future Biologists, Future Chemists, Future Veterinarians, Future Engineers and Future Entrepreneurs of America, too. | <b>FFA</b><br>FFA continues to help the next generation rise up to meet those challenges by helping its members to develop their own unique talents and explore their interests in a broad range of agricultural career pathways. So today, we are still the Future Farmers of America. But, we are the Future Biologists, Future Chemists, Future Veterinarians, Future Engineers and Future Entrepreneurs of America, too. |
| <b>Leadership Experience</b> <ul style="list-style-type: none"> <li>• Student Council</li> <li>• Sources of Strength</li> <li>• Art Club</li> <li>• E-Sports</li> <li>• NHS</li> </ul>                                                                                                                                                                                                                                       | <b>Leadership Experience</b> <ul style="list-style-type: none"> <li>• Student Council</li> <li>• Sources of Strength</li> <li>• Art Club</li> <li>• E-Sports</li> <li>• NHS</li> </ul>                                                                                                                                                                                                                                       | <b>Leadership Experience</b> <ul style="list-style-type: none"> <li>• Student Council</li> <li>• Sources of Strength</li> <li>• Art Club</li> <li>• E-Sports</li> <li>• NHS</li> </ul>                                                                                                                                                                                                                                       | <b>Summer Student Marketing Team</b> <ul style="list-style-type: none"> <li>• Dual Credit Internship</li> <li>• Client Marketing Strategy Experience</li> </ul>                                                                                                                                                                                                                                                              |
| <br><b>Attend Career Conversations during Hawk Time</b>                                                                                                                                                                                                                                                                                     | <br><b>Attend Career Conversations during Hawk Time</b>                                                                                                                                                                                                                                                                                    | <br><b>Attend Career Conversations during Hawk Time</b>                                                                                                                                                                                                                                                                                    | <b>Launch Studio</b><br>                                                                                                                                                                                                                                                                                                                |
| <b>Job Shadow</b><br>Meet with your marketing instructor to set up a job shadow                                                                                                                                                                                                                                                                                                                                              | <b>Job Shadow</b><br>Meet with your marketing instructor to set up a job shadow                                                                                                                                                                                                                                                                                                                                              | <b>Job Shadow</b><br>Meet with your marketing instructor to set up a job shadow                                                                                                                                                                                                                                                                                                                                              | <b>Job Shadow</b><br>Meet with your marketing instructor to set up a job shadow                                                                                                                                                                                                                                                                                                                                              |
| <b>Get Professional</b> <ul style="list-style-type: none"> <li>• Make a Resume</li> <li>• Get a part-time job</li> <li>• Join a sports team</li> </ul>                                                                                                                                                                                                                                                                       | <b>Get Professional</b> <ul style="list-style-type: none"> <li>• Make a Resume</li> <li>• Get a part-time job</li> <li>• Join a sports team</li> </ul>                                                                                                                                                                                                                                                                       | <b>Get Professional</b> <ul style="list-style-type: none"> <li>• Make a Resume</li> <li>• Get a part-time job</li> <li>• Join a sports team</li> </ul>                                                                                                                                                                                                                                                                       | <b>Youth Apprenticeship Opportunities</b> <ul style="list-style-type: none"> <li>• Skilled Trades</li> <li>• Finance</li> <li>• Marketing</li> <li>• Hospitality</li> <li>• Health</li> </ul> <b>CTE Internship Opportunities</b> <ul style="list-style-type: none"> <li>• Community Business</li> <li>• EC-8 Classroom</li> <li>• Non-profit Internship</li> </ul>                                                          |

Recommended student experience(s) for 2022/2023 is/are:

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