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|                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                              | <br>Southwestern Illinois Partnership<br>for College and Career Success |                                                      | Pathway: Construction<br>Program of Study: Construction Carpentry |                                                                              |  |                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <p><b>This Career Pathway Plan of Study should serve as a guide, along with other career planning materials, as learners continue on a career path.</b></p> <p><b>Career Goal:</b> The Construction Carpentry Program embraces the collective mission to fulfill the needs of the carpentry industry by preparing graduates with the skills and experience necessary to enter a variety of carpentry fields at an apprentice level set forth by industry.</p> |                                                                                                                                              |                                                                                                                                                          |                                                      |                                                                   |                                                                              |                                                                                     |                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| EDUCATION LEVELS                                                                                                                                                                                                                                                                                                                                                                                                                                              | GRADE                                                                                                                                        | English                                                                                                                                                  | Math                                                 | Science                                                           | Social Studies/<br>Sciences                                                  | Other Required<br>Courses or<br>Recommended<br>Electives                            | Career & Technical Courses<br>and/or Degree Major Courses                                                                                                                                                                                                                                                                                        | Employment<br>Opportunities in<br>Construction<br>Carpentry                                                                                                                                                                                                 | Access the<br>Construction<br>Carpentry Program at<br><a href="http://SWIC.edu">SWIC.edu</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SECONDARY                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Cluster Overview: Preparing high school students for employment in a career pathway in Construction Carpentry                                |                                                                                                                                                          |                                                      |                                                                   |                                                                              |                                                                                     |                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Please be sure to check with your counselor to explore course offerings available at your area career center.                                |                                                                                                                                                          |                                                      |                                                                   |                                                                              |                                                                                     |                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 9                                                                                                                                            | English I<br>Writing<br>Language Arts                                                                                                                    | Algebra I<br>or Pre-Algebra                          | Biology I<br>or Earth Science<br>or Physical Science              | Geography<br>or World History                                                | Driver's ED*<br>or Health*<br>or P.E.<br>or Music/Art<br>or Foreign Language        | Intro to Manufacturing<br>or Intro to Metals<br>or Intro to Technology<br>or Intro to Welding<br>or Intro to Engineering                                                                                                                                                                                                                         | Career Options:<br>Carpenter; millwright;<br>cabinet maker; cement or<br>stone mason; drywall and<br>ceiling tile installer or taper;<br>tile and marble setter;<br>insulation installer; carpet<br>installer and carpenter<br>laborer or helper.           | For further information about<br>the SWIC Construction<br>Carpentry Program visit<br><a href="http://SWIC.edu">SWIC.edu</a><br><br>• Take placement testing at<br>SWIC in March/April of junior<br>year.<br><br>Certificates:<br>Department of Labor's<br>Journeyman's Certificate<br><br>Bachelor's Degrees:<br>To be developed<br><br>Service Learning Experiences:<br>• Boy Scouts of America<br>• Girl Scouts of the USA<br>• Community Service<br>Volunteer<br>• Peer Tutoring or<br>Mentoring<br>• Any school-sponsored<br>activity or organization |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 10                                                                                                                                           | English II<br>Writing<br>Language Arts                                                                                                                   | Geometry<br>or Algebra I                             | Chemistry<br>or Biology I                                         | U.S. Government*<br>or Consumer Ed*                                          | Driver's ED*<br>or Health*<br>or P.E.<br>or Music/Art<br>or Foreign Language        | Intro to Manufacturing<br>or Intro to Metals<br>or Intro to Technology<br>or Intro to Welding<br>or Intro to Engineering                                                                                                                                                                                                                         | Career Learning<br>Experiences:<br>• Apprenticeship<br>• Internship<br>• Job shadowing<br>• Part-time job<br>• Any work experience                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 11                                                                                                                                           | English III<br>Writing<br>Language Arts                                                                                                                  | Algebra II<br>or Geometry                            | Chemistry<br>or Biology I                                         | U.S. History                                                                 | Driver's ED*<br>or Health*<br>or P.E.<br>or Music/Art<br>or Foreign Language        | 11th & 12th Grade<br>Course Work<br>• **Automotive Mechanics<br>• **Construction Trades<br>• **Drafting and Design<br>• **Electrical/Electronics<br>• **HVAC<br>• Engineering Technology<br>• Interrelated Cooperative Education<br>• **Manufacturing Technology<br>• **Precision Metalworking<br>• **Precision Production Trades<br>• **Welding |                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                               | College Credit Opportunities in High School: Students should take advantage of dual-credit courses offered by Southwestern Illinois College. |                                                                                                                                                          |                                                      |                                                                   |                                                                              |                                                                                     |                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                            | **English IV<br>COMP/Research*<br>**Speech/Oral<br>Communication*                                                                            | Pre-Calculus<br>or Trigonometry                                                                                                                          | Biology I<br>or Earth Science<br>or Physical Science | Sociology*<br>or **Psychology*                                    | Driver's ED*<br>or Health*<br>or P.E.<br>or Music/Art<br>or Foreign Language |                                                                                     |                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Successfully completed dual credit/enrollment courses do not have to be repeated at post secondary level.                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                              |                                                                                                                                                          |                                                      |                                                                   |                                                                              |                                                                                     |                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| POSTSECONDARY                                                                                                                                                                                                                                                                                                                                                                                                                                                 | refer to<br><br><a href="http://swic.edu">swic.edu</a><br><br>for Construction Carpentry Program requirements                                |                                                                                                                                                          |                                                      |                                                                   |                                                                              |                                                                                     |                                                                                                                                                                                                                                                                                                                                                  | Curricular Experiences:<br>• Skills USA<br>• Auto Clubs<br><br>Extracurricular Learning<br>Experiences:<br>• Student Government<br>• School Newspaper<br>• School Yearbook<br>• Science Club<br>• FFA<br>• Any school-sponsored<br>activity or organization |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

\* One Semester      \*\*Dual Credit/Dual Enrollment opportunities- students must meet college requirements to enroll.

02/23/26