

Education and Workforce Development Cabinet

CURRICULUM MAP

School:	Lake Cumberland ATC-Adair	Program:	Welding Technology
Teacher:	Barney Taylor	School Year:	2020-2021
KCTCS Course Number:	WLD 120 and 121	KY Tech Course Name	Shielded Metal Arc Welding and Fillet Lab
Length of Course:	Semester	Length of Period	85 Minutes
High School Credit(s)	1		



Time Wks/Month	Dates Taught	Objectives	Content Tasks (#'s and E, I, C), Activities, Assessment	Essential Questions	Core Content Skill Standards										
Unit 1 Week 1 Days 1,2,3,4,5		Lab Equipment and Safety	<p>TASKS 1.WLD 120 TASK 1-E 2.WLD 121 TASK 1-E</p> <p>ACTIVITIES 1.Students will go through class orientation 2.Course syllabus, class and lab rules read and signed by students and parents 3.Show power point on lab safety and lecture 4.Show video on lab safety and lecture 5.Show video on fire safety and lecture 6.Show video on personal protective equipment and lecture 7.Show video on equipment safety and lecture</p> <p>ASSESSMENT 1.Written test on lab and equipment safety 2.Written test on fire safety 3.Written test on personal protective equipment</p>	<ol style="list-style-type: none"> Who is the person most responsible for your safety? What is the proper PPE for welding? Why is it important to have procedures in place for emergency situations? 	<p>Skill Standards:</p> <table border="1" data-bbox="1661 310 1829 480"> <tr><td>AA</td><td>001</td></tr> <tr><td>EB</td><td>001</td></tr> <tr><td>EB</td><td>003</td></tr> <tr><td>EB</td><td>004</td></tr> <tr><td>OB</td><td>009</td></tr> </table> <p>Core Content: RST-2 RST-4. RST-7.</p>	AA	001	EB	001	EB	003	EB	004	OB	009
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Unit 2 Week 2 Days 6,7,8,9,10		SMAW Equipment set up and Electrode Identification	<p>TASKS WLD 120 TASK 2-E WLD 121 TASK 2-E WLD 120 TASK 6-E WLD 121 TASK 6-E</p> <p>ACTIVITIES 1. Show power point on SMAW equipment set up and use and lecture 2. Show video from Lincoln Electric on SMAW equipment and use 3. Show power point on SMAW electrode identification</p>	<p>What is the proper way to set up an SMAW machine for use?</p> <p>What are the advantages and disadvantages of the SMAW process?</p> <p>What do the letters and numbers on a welding electrode mean?</p> <p>How do I strike an arc and weld properly?</p>	<p>Skill Standards:</p> <table border="1" data-bbox="1661 1068 1812 1170"> <tr><td>AD</td><td>002</td></tr> <tr><td>AD</td><td>003</td></tr> <tr><td>EG</td><td>016</td></tr> </table> <p>Core Content: RST-2 RST-4. RST-7.</p>	AD	002	AD	003	EG	016				
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			<p>4. Discuss proper selection of electrodes for a particular application.</p> <p>5. Show videos from Lincoln Electric and Welding Tips and Tricks . com of actual SMAW welding</p> <p>ASSESSMENT</p> <p>1. Written test given on SMAW equipment and set up</p> <p>2. Written test given on SMAW electrode identification</p>														
Unit 3 Week 3 Day 11		SMAW Welding in Flat Position	<p>TASKS</p> <p>WLD 120 and 121 TASK 3-E</p> <p>WLD 120 and 121 TASK 4-I</p> <p>WLD 120 and 121 TASK 5-C</p> <p>WLD 120 and 121 TASK 6-E</p> <p>ACTIVITIES</p> <p>Students will start and restart an arc and run a bead using a 1/8"E6011 electrode</p> <p>ASSESSMENT</p> <p>Instructor will give a grade for weld</p>	<p>What amperage and polarity is required to make this weld?</p> <p>What is the proper weld speed, electrode angle, and manipulation of electrode to make this weld?</p> <p>How can I make my welds better?</p>	<p>Skill Standards:</p> <table border="1"> <tr><td>AD</td><td>002</td></tr> <tr><td>AD</td><td>003</td></tr> <tr><td>EG</td><td>016</td></tr> <tr><td>EG</td><td>006</td></tr> <tr><td>OB</td><td>002</td></tr> <tr><td>EB</td><td>001</td></tr> </table> <p>Core Content:</p> <p>RST-2</p> <p>RST-4.</p> <p>RST-7.</p>	AD	002	AD	003	EG	016	EG	006	OB	002	EB	001
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Unit 3 Week 3 Day 12,13		SMAW Welding in Flat Position	<p>TASKS</p> <p>WLD 120 and 121 TASK 3-E</p> <p>WLD 120 and 121 TASK 4-I</p> <p>WLD 120 and 121 TASK 5-C</p> <p>WLD 120 and 121 TASK 6-E</p> <p>ACTIVITIES</p> <p>Students will stack straight stringer beads using a 1/8"E6011 and a 1/8" E7018 electrode</p>	<p>What amperage and polarity is required to make this weld?</p> <p>What is the proper weld speed, electrode angle, and manipulation of electrode to make this weld?</p> <p>How can I make my welds better?</p>	<p>Skill Standards:</p> <table border="1"> <tr><td>AD</td><td>002</td></tr> <tr><td>AD</td><td>003</td></tr> <tr><td>EG</td><td>016</td></tr> <tr><td>EG</td><td>006</td></tr> <tr><td>OB</td><td>002</td></tr> <tr><td>EB</td><td>001</td></tr> </table> <p>Core Content:</p> <p>RST-2</p> <p>RST-4.</p>	AD	002	AD	003	EG	016	EG	006	OB	002	EB	001
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<p>Unit 3 Week 3 Day 14,15</p>		<p>SMAW Welding in Flat Position</p>	<p>TASKS WLD 120 and 121 TASK 3-E WLD 120 and 121 TASK 4-I WLD 120 and 121 TASK 5-C WLD 120 and 121 TASK 6-E</p> <p>ACTIVITIES Students will weld a multi pass T joint on ¼” steel plate in the flat position using a 1/8” E6011 electrode</p> <p>ASSESSMENT Instructor will give a grade for weld</p>	<p>What amperage and polarity is required to make this weld? What is the proper weld speed, electrode angle, and manipulation of electrode to make this weld? How can I make my welds better?</p>	<p>Skill Standards:</p> <table border="1"> <tr><td>AD</td><td>002</td></tr> <tr><td>AD</td><td>003</td></tr> <tr><td>EG</td><td>016</td></tr> <tr><td>EG</td><td>006</td></tr> <tr><td>OB</td><td>002</td></tr> <tr><td>EB</td><td>001</td></tr> </table> <p>Core Content: RST-2 RST-4. RST-7.</p>	AD	002	AD	003	EG	016	EG	006	OB	002	EB	001
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Unit 3 Week 4 and 5 Day 18,19,20,21		SMAW Welding in Flat Position	<p>TASKS WLD 120 and 121 TASK 3-E WLD 120 and 121 TASK 4-I WLD 120 and 121 TASK 5-C WLD 120 and 121 TASK 6-E</p> <p>ACTIVITIES Students will weld a multi pass T joint on ¼” steel plate in the flat position using a 1/8” E7018 electrode</p> <p>ASSESSMENT Instructor will give a grade for weld</p>	What amperage and polarity is required to make this weld? What is the proper weld speed, electrode angle, and manipulation of electrode to make this weld? How can I make my welds better?	<p>Skill Standards:</p> <table border="1" data-bbox="1705 215 1908 418"> <tr><td>AD</td><td>002</td></tr> <tr><td>AD</td><td>003</td></tr> <tr><td>EG</td><td>016</td></tr> <tr><td>EG</td><td>006</td></tr> <tr><td>OB</td><td>002</td></tr> <tr><td>EB</td><td>001</td></tr> </table> <p>Core Content: RST-2 RST-4. RST-7.</p>	AD	002	AD	003	EG	016	EG	006	OB	002	EB	001
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Unit 3 Week 5 Day 22,23,24,25		SMAW Welding in Flat Position	<p>TASKS WLD 120 and 121 TASK 3-E WLD 120 and 121 TASK 4-I WLD 120 and 121 TASK 5-C WLD 120 and 121 TASK 6-E</p> <p>ACTIVITIES Students will weld a multi pass lap joint on 1/2” steel plate in the flat position using a 1/8” E6011 electrode</p> <p>ASSESSMENT Instructor will give a grade for weld</p>	What amperage and polarity is required to make this weld? What is the proper weld speed, electrode angle, and manipulation of electrode to make this weld? How can I make my welds better?	<p>Skill Standards:</p> <table border="1" data-bbox="1705 941 1908 1144"> <tr><td>AD</td><td>002</td></tr> <tr><td>AD</td><td>003</td></tr> <tr><td>EG</td><td>016</td></tr> <tr><td>EG</td><td>006</td></tr> <tr><td>OB</td><td>002</td></tr> <tr><td>EB</td><td>001</td></tr> </table> <p>Core Content: RST-2 RST-4. RST-7.</p>	AD	002	AD	003	EG	016	EG	006	OB	002	EB	001
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<p>Unit 3 Week 6 Day 26,27,28,29</p>		<p>SMAW Welding in Flat Position</p>	<p>TASKS WLD 120 and 121 TASK 3-E WLD 120 and 121 TASK 4-I WLD 120 and 121 TASK 5-C WLD 120 and 121 TASK 6-E</p> <p>ACTIVITIES Students will weld a multi pass lap joint on 1/2" steel plate in the flat position using a 1/8" E7018 electrode</p> <p>ASSESSMENT Instructor will give a grade for weld</p>	<p>What amperage and polarity is required to make this weld? What is the proper weld speed, electrode angle, and manipulation of electrode to make this weld? How can I make my welds better?</p>	<p>Skill Standards:</p> <table border="1" data-bbox="1707 215 1908 418"> <tr><td>AD</td><td>002</td></tr> <tr><td>AD</td><td>003</td></tr> <tr><td>EG</td><td>016</td></tr> <tr><td>EG</td><td>006</td></tr> <tr><td>OB</td><td>002</td></tr> <tr><td>EB</td><td>001</td></tr> </table> <p>Core Content: RST-2 RST-4. RST-7.</p>	AD	002	AD	003	EG	016	EG	006	OB	002	EB	001
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<p>Unit 3 Week 6 and 7 Day 30,31,32,33</p>		<p>SMAW Welding in Flat Position</p>	<p>TASKS WLD 120 and 121 TASK 3-E WLD 120 and 121 TASK 4-I WLD 120 and 121 TASK 5-C WLD 120 and 121 TASK 6-E</p> <p>ACTIVITIES Students will weld a multi pass corner joint on 1/2" steel plate in the flat position using a 1/8" E6011 electrode</p> <p>ASSESSMENT Instructor will give a grade for weld</p>	<p>What amperage and polarity is required to make this weld? What is the proper weld speed, electrode angle, and manipulation of electrode to make this weld? How can I make my welds better?</p>	<p>Skill Standards:</p> <table border="1" data-bbox="1707 771 1908 974"> <tr><td>AD</td><td>002</td></tr> <tr><td>AD</td><td>003</td></tr> <tr><td>EG</td><td>016</td></tr> <tr><td>EG</td><td>006</td></tr> <tr><td>OB</td><td>002</td></tr> <tr><td>EB</td><td>001</td></tr> </table> <p>Core Content: RST-2 RST-4. RST-7.</p>	AD	002	AD	003	EG	016	EG	006	OB	002	EB	001
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<p>Unit 3 Week 7 and 8 Day 34,35,36,37</p>		<p>SMAW Welding in Flat Position</p>	<p>TASKS WLD 120 and 121 TASK 3-E WLD 120 and 121 TASK 4-I WLD 120 and 121 TASK 5-C WLD 120 and 121 TASK 6-E</p>	<p>What amperage and polarity is required to make this weld? What is the proper weld speed, electrode angle,</p>	<p>Skill Standards:</p> <table border="1" data-bbox="1707 1360 1908 1495"> <tr><td>AD</td><td>002</td></tr> <tr><td>AD</td><td>003</td></tr> <tr><td>EG</td><td>016</td></tr> <tr><td>EG</td><td>006</td></tr> </table>	AD	002	AD	003	EG	016	EG	006				
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<p>Unit 3 Week 8 and 9 Day 38,39,40,41</p>		<p>SMAW Welding in vertical Position</p>	<p>TASKS WLD 120 and 121 TASK 3-E WLD 120 and 121 TASK 4-I WLD 120 and 121 TASK 5-C WLD 120 and 121 TASK 6-E</p> <p>ACTIVITIES Students will weld a multi pass T joint on 1/4" steel plate in the vertical up position using a 1/8" E6011 electrode</p> <p>ASSESSMENT Instructor will give a grade for weld</p>	<p>What amperage and polarity is required to make this weld? What is the proper weld speed, electrode angle, and manipulation of electrode to make this weld? How can I make my welds better?</p>	<p>Skill Standards:</p> <table border="1"> <tr> <td>AD</td> <td>002</td> </tr> <tr> <td>AD</td> <td>003</td> </tr> <tr> <td>EG</td> <td>016</td> </tr> <tr> <td>EG</td> <td>006</td> </tr> <tr> <td>OB</td> <td>002</td> </tr> <tr> <td>EB</td> <td>001</td> </tr> </table> <p>Core Content: RST-2 RST-4. RST-7.</p>	AD	002	AD	003	EG	016	EG	006	OB	002	EB	001
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<p>Unit 3 Week 9 Day 42,43,44,45</p>		<p>SMAW Welding in vertical Position</p>	<p>TASKS WLD 120 and 121 TASK 3-E WLD 120 and 121 TASK 4-I WLD 120 and 121 TASK 5-C WLD 120 and 121 TASK 6-E</p> <p>ACTIVITIES</p>	<p>What amperage and polarity is required to make this weld? What is the proper weld speed, electrode angle, and manipulation of electrode to make this weld?</p>	<p>Skill Standards:</p> <table border="1"> <tr> <td>AD</td> <td>002</td> </tr> <tr> <td>AD</td> <td>003</td> </tr> <tr> <td>EG</td> <td>016</td> </tr> <tr> <td>EG</td> <td>006</td> </tr> <tr> <td>OB</td> <td>002</td> </tr> <tr> <td>EB</td> <td>001</td> </tr> </table> <p>Core Content: RST-2</p>	AD	002	AD	003	EG	016	EG	006	OB	002	EB	001
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<p>Unit 3 Week 10 Day 46,47,48,49</p>		<p>SMAW Welding in vertical Position</p>	<p>TASKS WLD 120 and 121 TASK 3-E WLD 120 and 121 TASK 4-I WLD 120 and 121 TASK 5-C WLD 120 and 121 TASK 6-E</p> <p>ACTIVITIES Students will weld a multi pass T joint on 1/4" steel plate in the vertical up position using a 1/8" E7018 electrode</p> <p>ASSESSMENT Instructor will give a grade for weld</p>	<p>What amperage and polarity is required to make this weld? What is the proper weld speed, electrode angle, and manipulation of electrode to make this weld? How can I make my welds better?</p>	<p>Skill Standards:</p> <table border="1"> <tr><td>AD</td><td>002</td></tr> <tr><td>AD</td><td>003</td></tr> <tr><td>EG</td><td>016</td></tr> <tr><td>EG</td><td>006</td></tr> <tr><td>OB</td><td>002</td></tr> <tr><td>EB</td><td>001</td></tr> </table> <p>Core Content: RST-2 RST-4. RST-7.</p>	AD	002	AD	003	EG	016	EG	006	OB	002	EB	001
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<p>Unit 3 Week 10 and 11 Day 50,51,52,53</p>		<p>SMAW Welding in vertical Position</p>	<p>TASKS WLD 120 and 121 TASK 3-E WLD 120 and 121 TASK 4-I WLD 120 and 121 TASK 5-C WLD 120 and 121 TASK 6-E</p>	<p>What amperage and polarity is required to make this weld? What is the proper weld speed, electrode angle, and manipulation of</p>	<p>Skill Standards:</p> <table border="1"> <tr><td>AD</td><td>002</td></tr> <tr><td>AD</td><td>003</td></tr> <tr><td>EG</td><td>016</td></tr> <tr><td>EG</td><td>006</td></tr> <tr><td>OB</td><td>002</td></tr> </table>	AD	002	AD	003	EG	016	EG	006	OB	002
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<p>Unit 3 Week 11 and 12 Day 54,55,56,57</p>		<p>SMAW Welding in vertical Position</p>	<p>TASKS WLD 120 and 121 TASK 3-E WLD 120 and 121 TASK 4-I WLD 120 and 121 TASK 5-C WLD 120 and 121 TASK 6-E</p> <p>ACTIVITIES Students will weld a multi pass lap joint on 1/2" steel plate in the vertical up position using a 1/8" E7018 electrode</p> <p>ASSESSMENT Instructor will give a grade for weld</p>	<p>What amperage and polarity is required to make this weld? What is the proper weld speed, electrode angle, and manipulation of electrode to make this weld? How can I make my welds better?</p>	<p>Skill Standards:</p> <table border="1"> <tr> <td>AD</td> <td>002</td> </tr> <tr> <td>AD</td> <td>003</td> </tr> <tr> <td>EG</td> <td>016</td> </tr> <tr> <td>EG</td> <td>006</td> </tr> <tr> <td>OB</td> <td>002</td> </tr> <tr> <td>EB</td> <td>001</td> </tr> </table> <p>Core Content: RST-2 RST-4. RST-7.</p>	AD	002	AD	003	EG	016	EG	006	OB	002	EB	001
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<p>Unit 3 Week 12 and 13 Day 58,59,60,61</p>		<p>SMAW Welding in vertical Position</p>	<p>TASKS WLD 120 and 121 TASK 3-E WLD 120 and 121 TASK 4-I WLD 120 and 121 TASK 5-C WLD 120 and 121 TASK 6-E</p> <p>ACTIVITIES</p>	<p>What amperage and polarity is required to make this weld? What is the proper weld speed, electrode angle, and manipulation of electrode to make this weld? How can I make my welds better?</p>	<p>Skill Standards:</p> <table border="1"> <tr> <td>AD</td> <td>002</td> </tr> <tr> <td>AD</td> <td>003</td> </tr> <tr> <td>EG</td> <td>016</td> </tr> <tr> <td>EG</td> <td>006</td> </tr> <tr> <td>OB</td> <td>002</td> </tr> <tr> <td>EB</td> <td>001</td> </tr> </table> <p>Core Content: RST-2 RST-4.</p>	AD	002	AD	003	EG	016	EG	006	OB	002	EB	001
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<p>Unit 3 Week 13 Day 62,63,64,65</p>		<p>SMAW Welding in vertical Position</p>	<p>TASKS WLD 120 and 121 TASK 3-E WLD 120 and 121 TASK 4-I WLD 120 and 121 TASK 5-C WLD 120 and 121 TASK 6-E</p> <p>ACTIVITIES Students will weld a multi pass corner joint on 1/2” steel plate in the vertical up position using a 3/32” E7018 electrode</p> <p>ASSESSMENT Instructor will give a grade for weld</p>	<p>What amperage and polarity is required to make this weld? What is the proper weld speed, electrode angle, and manipulation of electrode to make this weld? How can I make my welds better?</p>	<p>Skill Standards:</p> <table border="1"> <tr><td>AD</td><td>002</td></tr> <tr><td>AD</td><td>003</td></tr> <tr><td>EG</td><td>016</td></tr> <tr><td>EG</td><td>006</td></tr> <tr><td>OB</td><td>002</td></tr> <tr><td>EB</td><td>001</td></tr> </table> <p>Core Content: RST-2 RST-4. RST-7.</p>	AD	002	AD	003	EG	016	EG	006	OB	002	EB	001
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<p>Unit 4 Week 14 Day 66,67,68,69</p>		<p>SMAW Welding in overhead Position</p>	<p>TASKS WLD 120 and 121 TASK 3-E WLD 120 and 121 TASK 4-I WLD 120 and 121 TASK 5-C WLD 120 and 121 TASK 6-E</p> <p>ACTIVITIES Students will weld a multi pass T joint on 1/4” steel plate in the overhead position using a 1/8” E6011 electrode</p>	<p>What amperage and polarity is required to make this weld? What is the proper weld speed, electrode angle, and manipulation of electrode to make this weld? How can I make my welds better?</p>	<p>Skill Standards:</p> <table border="1"> <tr><td>AD</td><td>002</td></tr> <tr><td>AD</td><td>003</td></tr> <tr><td>EG</td><td>016</td></tr> <tr><td>EG</td><td>006</td></tr> <tr><td>OB</td><td>002</td></tr> <tr><td>EB</td><td>001</td></tr> </table> <p>Core Content: RST-2 RST-4. RST-7.</p>	AD	002	AD	003	EG	016	EG	006	OB	002	EB	001
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			<p>ASSESSMENT Instructor will give a grade for weld</p>														
<p>Unit 4 Week 14 and 15 Day 70,71,72,73</p>		<p>SMAW Welding in overhead Position</p>	<p>TASKS WLD 120 and 121 TASK 3-E WLD 120 and 121 TASK 4-I WLD 120 and 121 TASK 5-C WLD 120 and 121 TASK 6-E</p> <p>ACTIVITIES Students will weld a multi pass T joint on 1/4" steel plate in the overhead position using a 1/8" E7018 electrode</p> <p>ASSESSMENT Instructor will give a grade for weld</p>	<p>What amperage and polarity is required to make this weld? What is the proper weld speed, electrode angle, and manipulation of electrode to make this weld? How can I make my welds better?</p>	<p>Skill Standards:</p> <table border="1"> <tr><td>AD</td><td>002</td></tr> <tr><td>AD</td><td>003</td></tr> <tr><td>EG</td><td>016</td></tr> <tr><td>EG</td><td>006</td></tr> <tr><td>OB</td><td>002</td></tr> <tr><td>EB</td><td>001</td></tr> </table> <p>Core Content: RST-2 RST-4. RST-7.</p>	AD	002	AD	003	EG	016	EG	006	OB	002	EB	001
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<p>Unit 4 Week 15 and 16 Day 74,75,76,77</p>		<p>SMAW Welding in overhead Position</p>	<p>TASKS WLD 120 and 121 TASK 3-E WLD 120 and 121 TASK 4-I WLD 120 and 121 TASK 5-C WLD 120 and 121 TASK 6-E</p> <p>ACTIVITIES Students will weld a multi pass lap joint on 1/2" steel plate in the overhead position using a 1/8" E6011 electrode</p> <p>ASSESSMENT Instructor will give a grade for weld</p>	<p>What amperage and polarity is required to make this weld? What is the proper weld speed, electrode angle, and manipulation of electrode to make this weld? How can I make my welds better?</p>	<p>Skill Standards:</p> <table border="1"> <tr><td>AD</td><td>002</td></tr> <tr><td>AD</td><td>003</td></tr> <tr><td>EG</td><td>016</td></tr> <tr><td>EG</td><td>006</td></tr> <tr><td>OB</td><td>002</td></tr> <tr><td>EB</td><td>001</td></tr> </table> <p>Core Content: RST-2 RST-4. RST-7.</p>	AD	002	AD	003	EG	016	EG	006	OB	002	EB	001
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Time Wks/Month	Dates Taught	Unit Topics	Content Tasks (#'s and E, I, C), Activities, Assessment	Essential Questions	Core Content Skill Standards												
Unit 4 Week 16 and 17 Day 78,79		SMAW Welding in overhead Position	<p>TASKS WLD 120 and 121 TASK 3-E WLD 120 and 121 TASK 4-I WLD 120 and 121 TASK 5-C WLD 120 and 121 TASK 6-E</p> <p>ACTIVITIES Students will weld a multi pass lap joint on 1/2" steel plate in the overhead position using a 1/8" E7018 electrode</p> <p>ASSESSMENT Instructor will give a grade for weld</p>	<p>What amperage and polarity is required to make this weld? What is the proper weld speed, electrode angle, and manipulation of electrode to make this weld? How can I make my welds better?</p>	<p>Skill Standards:</p> <table border="1"> <tr><td>AD</td><td>002</td></tr> <tr><td>AD</td><td>003</td></tr> <tr><td>EG</td><td>016</td></tr> <tr><td>EG</td><td>006</td></tr> <tr><td>OB</td><td>002</td></tr> <tr><td>EB</td><td>001</td></tr> </table> <p>Core Content: RST-2 RST-4. RST-7.</p>	AD	002	AD	003	EG	016	EG	006	OB	002	EB	001
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Unit 4 Week 17 Day 80'81		SMAW Welding in overhead Position	<p>TASKS WLD 120 and 121 TASK 3-E WLD 120 and 121 TASK 4-I WLD 120 and 121 TASK 5-C WLD 120 and 121 TASK 6-E</p> <p>ACTIVITIES Students will weld a multi pass corner joint on 1/2" steel plate in the overhead position using a 1/8"E6011 root pass and E7018 electrode fill and cover passes</p>	<p>What amperage and polarity is required to make this weld? What is the proper weld speed, electrode angle, and manipulation of electrode to make this weld? How can I make my welds better?</p>	<p>Skill Standards:</p> <table border="1"> <tr><td>AD</td><td>002</td></tr> <tr><td>AD</td><td>003</td></tr> <tr><td>EG</td><td>016</td></tr> <tr><td>EG</td><td>006</td></tr> <tr><td>OB</td><td>002</td></tr> <tr><td>EB</td><td>001</td></tr> </table> <p>Core Content: RST-2 RST-4. RST-7.</p>	AD	002	AD	003	EG	016	EG	006	OB	002	EB	001
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<p>Unit 4 Week 18 Day 83,84,85,86</p>		<p>SMAW Welding in overhead Position</p>	<p>TASKS WLD 120 and 121 TASK 3-E WLD 120 and 121 TASK 4-I WLD 120 and 121 TASK 5-C WLD 120 and 121 TASK 6-E</p> <p>ACTIVITIES 1. Students will be given 3 extra days to finish all the welds required for class. 2. Last 2 days of class will be spent cleaning shop for next semester.</p> <p>ASSESSMENT Instructor will give a grade for weld</p>	<p>What amperage and polarity is required to make this weld? What is the proper weld speed, electrode angle, and manipulation of electrode to make this weld? How can I make my welds better?</p>	<p>Skill Standards:</p> <table border="1"> <tr><td>AD</td><td>002</td></tr> <tr><td>AD</td><td>003</td></tr> <tr><td>EG</td><td>016</td></tr> <tr><td>EG</td><td>006</td></tr> <tr><td>OB</td><td>002</td></tr> <tr><td>EB</td><td>001</td></tr> </table> <p>Core Content: RST-2 RST-4. RST-7.</p>	AD	002	AD	003	EG	016	EG	006	OB	002	EB	001
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<p>Unit 4 Week 18 Day 87,88,89,90</p>			<p>TASKS WLD 120 and 121 TASK 3-E WLD 120 and 121 TASK 4-I WLD 120 and 121 TASK 5-C WLD 120 and 121 TASK 6-E</p> <p>ACTIVITIES 1. Students will be given 3 extra days to finish all the welds required for class.</p> <p>ASSESSMENT Instructor will give a grade for weld</p>	<p>What amperage and polarity is required to make this weld? What is the proper weld speed, electrode angle, and manipulation of electrode to make this weld? How can I make my welds better?</p>	<p>Skill Standards:</p> <table border="1"> <tr><td>AD</td><td>002</td></tr> <tr><td>AD</td><td>003</td></tr> <tr><td>EG</td><td>016</td></tr> <tr><td>EG</td><td>006</td></tr> <tr><td>OB</td><td>002</td></tr> <tr><td>EB</td><td>001</td></tr> </table> <p>Core Content: RST-2 RST-4. RST-7.</p>	AD	002	AD	003	EG	016	EG	006	OB	002	EB	001
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