

## WASC Action Plan – Vocational Education-Welding Student Achievement

Date	Tasks	Persons Responsible	Resources Needed
Current	<ul style="list-style-type: none"> <li>• Continue development of Welding 1,2 and 3,4 classes</li> <li>• Provide students with state-of the art equipment and commercially used methodologies</li> <li>• Train students for employability upon graduation</li> <li>• Continue to work on projects to be shown at the Sonoma County Fair</li> <li>• Provide support for the diverse population in welding classes</li> </ul>	Welding teacher	Continued support from site administration, district office and Perkins funding
Spring 2007 and Ongoing	<ul style="list-style-type: none"> <li>• Students in the Voc. Ed program will improve their understanding of project plans and drawings with a drafting class</li> </ul>	Welding teacher, Curriculum and Instruction, SRHS administrative team	District and site financial support, qualified teachers, School Board approval

## Professional Development

Date	Tasks	Persons Responsible	Resources Needed
2006 and Ongoing	<ul style="list-style-type: none"> <li>• The welding teacher will participate in training needed to provide new courses in drafting and capstone welding</li> <li>• Create proposal for new courses and submit to School Board</li> <li>• Implement new curriculum</li> <li>• Evaluate program for changes and improvements needed</li> <li>• Continue to attend training on current safe practices</li> <li>• Collaborate with core departments to create links with core curricula</li> <li>• Develop formative and summative assessments</li> <li>• Assess program goals and achievements yearly</li> <li>• Visit other welding facilities to observe and learn additional methodologies and strategies</li> <li>• Complete CLAD certification</li> <li>• Collaborate with Lincoln Electric Welding Company</li> <li>• Attend CNC machine tool training courses</li> </ul>	Welding teacher	Funding and support from site administration and district office

### Culture, Facilities, Support

Date	Tasks	Persons Responsible	Resources Needed
Fall 2006 Ongoing	<ul style="list-style-type: none"> <li>• Improve investments in capital equipment, including electrical supply upgrade. Request competitive bids for electrical upgrade</li> <li>• Assess effectiveness of computer lab with CAD/CAM software</li> <li>• Program CNC machine tools to improve quality of program</li> <li>• Write grant for sheet metal forming equipment</li> <li>• Install sheet metal shear</li> <li>• Create and fulfill contract for electrical upgrade</li> <li>• Write grant for pipe tubing fabrication equipment Order pipe/tubing fabrication equipment Install pipe/tubing fabrication equipment</li> <li>• Install sheet metal fabrication equipment</li> <li>• Write grant for foundry equipment Order and install foundry equipment</li> <li>• Write grant for machine shop equipment Order machine shop equipment</li> <li>• Develop a capstone welding course focusing on those skills necessary to be journeyman welder</li> </ul>	Welding teacher, site administration	Funding and administrative support, both site and district office