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| **ALIGNMENT WITH THE COLLEGE MISSION** |

**College Mission**

Sauk Valley Community College is an institution of higher education that provides quality learning opportunities to meet the diverse needs of its students and community.

**College Vision**

Sauk Valley Community College will be recognized as a benchmark institution of higher education that provides exceptional learning opportunities in response to the diverse needs of its students and community.

**Program Mission**

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| The Welding program is included in an institution of higher learning to provide exceptional **technical** learning opportunities which result in employment in the welding or maintenance related field. |

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| **VIABILITY COMPONENT**The viability component focuses on quantitative analysis and the need for the program. |

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| **SECTION A: ENROLLMENT & RETENTION DATA** for major field required coursesResources: Annual Reviews, Items 1 & 2 Data Table 1 Operational Plans |

1. Describe a) the five-year enrollment trends, and b) results of the efforts to increase enrollment that were implemented since the last program review.

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| **DATA TABLE 1: Enrollment & Retention for Major Field Requirements** |
|  | **Program:** | **H48--WELDING--ENTRY LEVEL** |   |   |   |
| **Row** |   | **FY04** | **FY05** | **FY06** | **FY07** | **FY08** | **5 Year Total** |
| A | Enrollment (All credit hours) |   |   |   | 222 | 188 |  410.0  |
| B | State Reimbursable enrollment |  |  |  | 190 | 168 |  358.0  |
| C | Non Reimbursable enrollment |  |  |  | 32 | 20 | 52.0 |
| D | % Non Reimbursable |   |   |   | 14.4 | 10.6 | 12.7% |
|   | (Tutorials excluded from following data) |  |  |  |  |  |   |
| E | Number of courses offered  |  |  |  | 1 | 1 | 2 |
| F | Number of sections  |  |  |  | 15 | 11 | 26 |
| G | Average class size  |  |  |  | 7 | 9 | 16 |
| H | Number of students graduated from program |   |   |   | 85 | 73 | 158 |

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| **DATA TABLE 1: Enrollment & Retention for Major Field Requirements** |
|  | **Program:** | **H49--WELDING--ADVANCED LEVEL** |   |   |
| **Row** |   | **FY04** | **FY05** | **FY06** | **FY07** | **FY08** | **5 Year Total** |
| A | Enrollment (All credit hours) |   |   |   | 807 | 926 |  1,733.0  |
| B | State Reimbursable enrollment |  |  |  | 721 | 858 |  1,579.0  |
| C | Non Reimburseble enrollment |  |  |  | 86 | 68 | 154.0 |
| D | % Non Reimbursable |   |   |   | 10.7 | 7.3 | 8.9% |
|   | (Tutorials excluded from following data) |  |  |  |  |  |   |
| E | Number of courses offered  |  |  |  | 5 | 5 | 10 |
| F | Number of sections  |  |  |  | 43 | 44 | 87 |
| G | Average class size  |  |  |  | 7 | 8 | 15 |
| H | Number of students graduated from program |   |   |   | 8 | 19 | 27 |

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| 1. Credit hours from H48 (Entry Level Certificate) and H49 (Advanced Certificate) reflect stable and steady results. Classes that were offered for Fall FY09 began full or over full. We currently have ten welding stations. With the addition of pipe welding courses we will need to add 10 more booths which would create more credits and credit hours.
2. This is the first program review for the welding courses. The efforts that were made to ensure enrollment have included visiting area high schools, visiting area businesses, running an information booth during College Night, and having businesses and temp agencies speak to classes in regards to job opportunities. These efforts were made to advertise the existence of our welding program and to build a relationship with area businesses with the goal being to obtain employment for graduates.
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1. Describe a) the five-year retention trends, and b) results of the efforts to improve retention that were implemented since the last program review.

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| 1. The trend on retention shows an increase. The number of students graduating from the program rose 138%, from 8 to 19, indicating more students are taking all the required classes to earn the Advanced Certificate.
2. This is the first program review for welding so this data is not yet available.
 |

1. Describe what can be done to improve these trends during the next five years.

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| To improve the trends over the next five years we need to a) expand the welding program and offer more classes including pipe welding, b) update equipment to industrial standard, and c) create a larger area for welding with an upgraded ventilation system. |

1. Summarize activities to improve the trends discussed in this section in the operational plan and code as PA. Indicate below if activities will be included in the operational plan.

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|  X Activities included in the operational plan No activities included in the operational plan |

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| **SECTION B: PROGRAM COMPLETIONS & NEED FOR THE PROGRAM** Resources: Annual Reviews, Item 2 Data Table 2  Operational Plans |

1. Describe a) the five-year successful completion trends, and b) results of the efforts to improve the trends that have been implemented since the last program review.

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| a) An average of 80 percent of the students have completed the welding program since it began.b) This information is not available. This is the first program review for the welding program. |

1. List any concerns identified in the *Career and Technical Follow-Up Study* and discuss solutions, ***OR*** if there were no concerns identified, indicate “None.”

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| None |

1. Use data from the Illinois Workforce Development System <http://iwds.state.il.us/iwdshome.html> (click on *Consumer Information* and enter *Sauk Valley Community College*) which tracks WIA eligible students, to answer the following:

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|  H48 H49Percent of students who complete the program: NA 83% Percent of students employed after exiting WIA: NA 100% Average starting hourly wage: NA $13  |

1. Describe the occupational need for the program. (Create one or more tables that illustrate the projected occupational demand for program completers using information available on the Illinois Department of Employment Security website ([www.ilwrkinfo.com](http://www.ilwrkinfo.com), click on *Workforce Information Center*, click on *Quick Links*; ***OR*** any other reputable source. Include all appropriate job titles. Be sure to site your data source.)

 Illinois Depart of Employment Security

**Table 1**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| [**Code**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1704000195&origgeo=&areaname=Whiteside+County&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=1A) | [**Occupational Title**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1704000195&origgeo=&areaname=Whiteside+County&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=2A) | [**2004 Estimated Employment**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1704000195&origgeo=&areaname=Whiteside+County&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=4A) | [**2014 Projected Employment**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1704000195&origgeo=&areaname=Whiteside+County&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=6A) | [**Total 2004-2014 Employment Change**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1704000195&origgeo=&areaname=Whiteside+County&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=9A) | [**Annual Avg. Percent Change**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1704000195&origgeo=&areaname=Whiteside+County&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=7A) | [**Total Percent Change**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1704000195&origgeo=&areaname=Whiteside+County&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=10A) | **Action** |
| 499042  | General Maintenance & Repair Workers | 205  | 208  | 3  | 0.1  | 1.0  | [Compare](http://wic.ilworkinfo.com/analyzer/saintro2.asp?codetype=2&multiselect=y&matoccode=499042&rolled=&geo=1704000195&origGeo=1704000195&cat=OCC&session=OCCPROJ&subsession=99&tableused=OCCPRJ&rollgeo=&defaultcode=&time=06&currsubsessavail=&codetype=2&sgltime=1%3e) |

**Table 2**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| [**Code**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1704000195&origgeo=&areaname=Whiteside+County&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=1A) | [**Occupational Title**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1704000195&origgeo=&areaname=Whiteside+County&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=2A) | [**2004 Estimated Employment**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1704000195&origgeo=&areaname=Whiteside+County&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=4A) | [**2014 Projected Employment**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1704000195&origgeo=&areaname=Whiteside+County&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=6A) | [**Total 2004-2014 Employment Change**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1704000195&origgeo=&areaname=Whiteside+County&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=9A) | [**Annual Avg. Percent Change**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1704000195&origgeo=&areaname=Whiteside+County&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=7A) | [**Total Percent Change**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1704000195&origgeo=&areaname=Whiteside+County&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=10A) | **Action** |
| 514121  | Welders Cutters Solderers & Brazers | 110  | 104  | -6  | -0.6  | -5.0  | [Compare](http://wic.ilworkinfo.com/analyzer/saintro2.asp?codetype=2&multiselect=y&matoccode=514121&rolled=&geo=1704000195&origGeo=1704000195&cat=OCC&session=OCCPROJ&subsession=99&tableused=OCCPRJ&rollgeo=&defaultcode=&time=06&currsubsessavail=&codetype=2&sgltime=1%3e) |

Table 1 and 2 contain information from Whiteside County.

Illinois Department of Employment Security

**Table 3**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | [**Occupational Title**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1704000103&origgeo=&areaname=Lee+County&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=2A) | [**2004 Estimated Employment**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1704000103&origgeo=&areaname=Lee+County&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=4A) | [**2014 Projected Employment**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1704000103&origgeo=&areaname=Lee+County&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=6A) | [**Total 2004-2014 Employment Change**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1704000103&origgeo=&areaname=Lee+County&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=9A) | [**Annual Avg. Percent Change**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1704000103&origgeo=&areaname=Lee+County&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=7A) | [**Total Percent Change**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1704000103&origgeo=&areaname=Lee+County&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=10A) | **Action** |
| 499042  | General Maintenance & Repair Workers | 152  | 153  | 1  | 0.1  | 1.0  | [Compare](http://wic.ilworkinfo.com/analyzer/saintro2.asp?codetype=2&multiselect=y&matoccode=499042&rolled=&geo=1704000103&origGeo=1704000103&cat=OCC&session=OCCPROJ&subsession=99&tableused=OCCPRJ&rollgeo=&defaultcode=&time=06&currsubsessavail=&codetype=2&sgltime=1%3e) |

**Table 4**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| [**Code**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1704000103&origgeo=&areaname=Lee+County&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=1A) | [**Occupational Title**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1704000103&origgeo=&areaname=Lee+County&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=2A) | [**2004 Estimated Employment**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1704000103&origgeo=&areaname=Lee+County&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=4A) | [**2014 Projected Employment**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1704000103&origgeo=&areaname=Lee+County&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=6A) | [**Total 2004-2014 Employment Change**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1704000103&origgeo=&areaname=Lee+County&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=9A) | [**Annual Avg. Percent Change**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1704000103&origgeo=&areaname=Lee+County&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=7A) | [**Total Percent Change**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1704000103&origgeo=&areaname=Lee+County&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=10A) | **Action** |
| 514121  | Welders Cutters Solderers & Brazers | 93  | 89  | -4  | -0.4  | -4.0  | [Compare](http://wic.ilworkinfo.com/analyzer/saintro2.asp?codetype=2&multiselect=y&matoccode=514121&rolled=&geo=1704000103&origGeo=1704000103&cat=OCC&session=OCCPROJ&subsession=99&tableused=OCCPRJ&rollgeo=&defaultcode=&time=06&currsubsessavail=&codetype=2&sgltime=1%3e) |

Tables 3 and 4 contain information from Lee County.

**Table 5**

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| [**Code**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1721019340&origgeo=&areaname=Davenport%2DMoline%2DRock+Island%2C+IA%2DIL+Metropolitan+Statistical&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=1A) | [**Occupational Title**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1721019340&origgeo=&areaname=Davenport%2DMoline%2DRock+Island%2C+IA%2DIL+Metropolitan+Statistical&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=2A) | [**2004 Estimated Employment**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1721019340&origgeo=&areaname=Davenport%2DMoline%2DRock+Island%2C+IA%2DIL+Metropolitan+Statistical&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=4A) | [**2014 Projected Employment**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1721019340&origgeo=&areaname=Davenport%2DMoline%2DRock+Island%2C+IA%2DIL+Metropolitan+Statistical&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=6A) | [**Total 2004-2014 Employment Change**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1721019340&origgeo=&areaname=Davenport%2DMoline%2DRock+Island%2C+IA%2DIL+Metropolitan+Statistical&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=9A) | [**Annual Avg. Percent Change**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1721019340&origgeo=&areaname=Davenport%2DMoline%2DRock+Island%2C+IA%2DIL+Metropolitan+Statistical&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=7A) | [**Total Percent Change**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1721019340&origgeo=&areaname=Davenport%2DMoline%2DRock+Island%2C+IA%2DIL+Metropolitan+Statistical&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=10A) | **Action** |
| 499042  | General Maintenance & Repair Workers | 928  | 971  | 44  | 0.5  | 4.7  | [Compare](http://wic.ilworkinfo.com/analyzer/saintro2.asp?codetype=2&multiselect=y&matoccode=499042&rolled=&geo=1721019340&origGeo=1721019340&cat=OCC&session=OCCPROJ&subsession=99&tableused=OCCPRJ&rollgeo=&defaultcode=&time=06&currsubsessavail=&codetype=2&sgltime=1%3e) |

Table 5 contains information from the Quad Cities Area.

Illinois Department of Employment Security

**Table 6**

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| [**Code**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1701000000&origgeo=&areaname=Illinois&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=1A) | [**Occupational Title**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1701000000&origgeo=&areaname=Illinois&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=2A) | [**2004 Estimated Employment**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1701000000&origgeo=&areaname=Illinois&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=4A) | [**2014 Projected Employment**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1701000000&origgeo=&areaname=Illinois&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=6A) | [**Total 2004-2014 Employment Change**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1701000000&origgeo=&areaname=Illinois&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=9A) | [**Annual Avg. Percent Change**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1701000000&origgeo=&areaname=Illinois&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=7A) | [**Total Percent Change**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1701000000&origgeo=&areaname=Illinois&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=10A) |
| 499042  | General Maintenance & Repair Workers | 54,022  | 57,919  | 3,897  | 0.7  | 7.2  |

**Table 7**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| [**Code**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1701000000&origgeo=&areaname=Illinois&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=1A) | [**Occupational Title**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1701000000&origgeo=&areaname=Illinois&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=2A) | [**2004 Estimated Employment**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1701000000&origgeo=&areaname=Illinois&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=4A) | [**2014 Projected Employment**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1701000000&origgeo=&areaname=Illinois&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=6A) | [**Total 2004-2014 Employment Change**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1701000000&origgeo=&areaname=Illinois&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=9A) | [**Annual Avg. Percent Change**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1701000000&origgeo=&areaname=Illinois&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=7A) | [**Total Percent Change**](http://wic.ilworkinfo.com/analyzer/occproj.asp?session=OCCPROJ&subsession=99&cat=OCC&sgltime=1&geo=1701000000&origgeo=&areaname=Illinois&rollgeo=04&defaultgeo=&time=06&tableused=OCCPRJ&multiselect=&selectall=&matoccode=&codetype=2&cboShow=1&orderby=10A) |
| 514121  | Welders Cutters Solderers & Brazers | 14,401  | 14,545  | 144  | 0.1  | 1.0  |

Tables 6 and 7 contain information from the entire state of Illinois

**Tables 8 and 9 contain information on a national level and were taken from U.S. Department of Labor web site.**

|  |  |  |
| --- | --- | --- |
| Job Outlook | **[**[**About this section**](http://www.bls.gov/oco/oco2001.htm#outlook)**]** | **Back to Top**[**Back to Top**](http://www.bls.gov/oco/ocos226.htm#top#top) |

Employment of welding, soldering, and brazing workers is expected to grow more slowly than average. They will have excellent job opportunities as some welding employers report difficulty finding trained welders.

***Employment change.*** Employment of welding, soldering, and brazing workers is expected to grow about 5 percent over the 2006-16 decade, [slower than the average](http://www.bls.gov/oco/oco20016.htm) for all occupations. **Welding has grown significantly over the long term because of advances that have allowed it to replace other joining technologies in many applications. Thus, demand for welders is increasing in the construction, manufacturing, and utilities industries. Despite overall employment declines in the manufacturing industry, the outlook for welders in manufacturing is far stronger than for other occupations.** The basic skills of welding are the same across industries, so welders can easily shift from one industry to another depending on where they are needed most. For example, welders laid off in the auto industry have been able to find work in the booming oil and gas industry, although the shift may require relocating.

Automation is less of a threat to welders and welding machine operators than to other manufacturing occupations. Welding machines must still be operated by someone who is knowledgeable about welding and can inspect the weld and make adjustments. In custom applications, much of the work is difficult or impossible to automate. This includes manufacturing small batches of items, construction work, and making repairs in factories.

***Job prospects.*** Retirements and job growth in the oil and gas and other industries are expected to create [excellent opportunities](http://www.bls.gov/oco/oco20016.htm) for welders. Welding schools report that graduates have little difficulty finding work, and some welding employers report difficulty finding trained welders.

**Table 8**

|  |  |  |
| --- | --- | --- |
| Projections Data | **[**[**About this section**](http://www.bls.gov/oco/oco2001.htm#projections_data)**]** | **Back to Top**[**Back to Top**](http://www.bls.gov/oco/ocos226.htm#top#top) |

| Projections data from the National Employment Matrix |
| --- |
| **Occupational title** | **SOC Code** | **Employment, 2006** | **Projected employment,2016** | **Change, 2006-16** | **Detailed statistics** |
| **Number** | **Percent** |
| **Welding, soldering, and brazing workers** | 51-4120 | 462,000 | 484,000 | 22,000 | 5 | PDF | zipped XLS |
| **Welders, cutters, solderers, and brazers** | 51-4121 | 409,000 | 430,000 | 21,000 | 5 | PDF | zipped XLS |
| **Welding, soldering, and brazing machine setters, operators, and tenders** | 51-4122 | 53,000 | 54,000 | 1,600 | 3 | PDF | zipped XLS |
|     NOTE: Data in this table are rounded. See the discussion of the employment projections table in the *Handbook* introductory chapter on [*Occupational Information Included in the Handbook*](http://www.bls.gov/oco/oco2001.htm#projections_data). |

Average job growth is projected, but in most areas of the country job opportunities should

be excellent.

***Employment change.*** Employment of structural and reinforcing iron and metal workers is expected to grow 8 percent between 2006 and 2016, [about as fast as the average](http://www.bls.gov/oco/oco20016.htm) for all occupations. Nonresidential and heavy construction is expected to increase, creating jobs. The rehabilitation, maintenance, and replacement of a growing number of older buildings, power plants, highways, and bridges also are expected to create employment opportunities. State and Federal legislatures continue to support and fund the building of roads, which will secure jobs for the near future. However, a lack of qualified applicants may restrain employment growth in some areas.

***Job prospects.*** In addition to new jobs from employment growth, many job openings will result from the need to replace experienced ironworkers who leave the occupation or retire. In most areas, **job opportunities** [**should be excellent**](http://www.bls.gov/oco/oco20016.htm), although the number of job openings can fluctuate from year to year with economic conditions and the level of construction activity. Many workers prefer to enter other occupations with better working conditions, leading to opportunities for those who wish to become structural and reinforcing iron and metal workers.

Employment of structural and reinforcing iron and metal workers, like that of many other construction workers, is sensitive to the fluctuations of the economy. Workers in these trades may experience periods of unemployment when the overall level of construction falls. On the other hand, shortages of these workers may occur in some areas during peak periods of building activity. Similarly, job opportunities for ironworkers may vary widely by geographic area. Population growth in the South and West should create more job opportunities than elsewhere as bridges, buildings, and roads are constructed. Job openings for ironworkers usually are more abundant during the spring and summer months, when the level of construction activity increases. Workers who are willing to relocate are often able to find work in another area.

**Table 9**

|  |  |  |
| --- | --- | --- |
|  | **[**[**About this section**](http://www.bls.gov/oco/oco2001.htm#projections_data)**]** | **Back to Top**[**Back to Top**](http://www.bls.gov/oco/ocos215.htm#top#top) |

| Projections data from the National Employment Matrix |
| --- |
| **Occupational title** | **SOC Code** | **Employment, 2006** | **Projected employment,2016** | **Change, 2006-16** | **Detailed statistics** |
| **Number** | **Percent** |
| **Structural and reinforcing iron and metal workers** | --  | 102,000 | 110,000 | 7,800 | 8 | --  | --  |
| **Reinforcing iron and rebar workers** | 47-2171 | 30,000 | 34,000 | 3,500 | 12 | PDF | zipped XLS |
| **Structural iron and steel workers** | 47-2221 | 72,000 | 76,000 | 4,300 | 6 | PDF | zipped XLS |
|     NOTE: Data in this table are rounded. See the discussion of the employment projections table in the *Handbook* introductory chapter |

1. Summarize the activities that the department will perform to improve the trends or respond to the issues identified in this section and code as PB. Indicate below if activities will be included in the operational plan.

|  |
| --- |
|  Activities included in the operational plan X No activities included in the operational plan |

1. Describe a) the five-year income vs. expense trends, and b) results of the efforts to improve financial viability that were implemented since the last program review.

|  |
| --- |
| **DATA TABLE 3: Program Revenue Generation for Major Field Requirements** |
|  | **Program:** | **H49--WELDING--ADVANCED LEVEL** |  |  |
|   |
| **Row** |  | **FY04** | **FY05** | **FY06** | **FY07** | **FY08** | **5 Year Total** |
| a | **Direct Income** (Tuition & fees based on 10th day)(Gross - does not subtract waivers) |   |   |   | $78,108 | $72,897 | $151,005 |
| b | **Employee Expense** (Salaries & benefits) |  |  |  | $99,645 | $130,140 | $229,785 |
| c | **Supply Expense** (Purchases charged to budget supply line & software purchases) |  |  |  | $7,230 | $9,427 | $16,657 |
| d | **Equipment Expense** (Purchases charged to budget equipment line) |  |  |  | $0 | $0 | $0 |
| e | **Other Expense** (Any expense that does not fit into the above categories) |  |  |  | $26,339 | $9,712 | $36,051 |
| f | **Total Expense** (Row B + C + D + E) |   |   |   | $133,214 | $149,279 | $282,493 |
| g | **Net** (Row A Income *less* Row F Total Expense) |   |   |   | -$55,105 | -$76,381 | -$131,486 |

|  |
| --- |
| 1. The income from the first year to the second year dropped while the expense rose. The rise in expense is in a large part due to the rising prices of all consumables used in welding (gases, rod, electricity, etc) and I would assume that the income drop is due to the number of students taking 2 credit classes as opposed to 3 credit classes. Employee expense for FY07 and FY 08 was based on a pool in which all the industrial education programs are included in and cannot be directly attributed to the welding program. (Employee expense is scheduled to be separated by department in FY 09).
2. This is the welding program’s first program review, therefore, this information is not available.
 |

1. Describe the results of the program’s efforts to go “green.”

|  |
| --- |
| We recycle all metals used in welding classes. |

1. Describe how the program’s financial viability may be improved.

|  |
| --- |
| The program’s financial viability may be improved by comparing prices on all consumables and buying for future need when prices are down. Last semester the price of consumables, (welding rods, mig wire, tig rod, replacement machine parts, etc.) changed on a daily basis. We could also improve the program’s financial viability but adding pipe welding classes which would increase credits and credit hours. |

1. Summarize activities to improve the program’s financial viability in the operational plan and code as PC. Indicate below if activities will be included in the operational plan.

|  |
| --- |
|  Activities included in the operational plan X No activities included in the operational plan |

|  |
| --- |
| **QUALITY COMPONENT**The quality component focuses on qualitative analysis and issues. |

|  |
| --- |
| **SECTION D: COURSE SCHEDULING** |

1. Provide the program schedule by listing each required course by course number and indicating each semester in which it is planned to be offered.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Year 1: Fall Semester** | **Year 1: Spring Semester** | **Year 2: Fall Semester** | **Year 2: Spring Semester** |
| WLD 299 B | Open Lab | Same | Same | Same |
| WLD 101 | Open Lab and Tuesday Night Class  | Same | Same | Same |
| WLD 102 | Open Lab and Monday Night Class | Same | Same | Same |
| WLD 103 | Open Lab and Wednesday Night Class | Same | Same | Same |
| WLD 104  | Open Lab and Thursday Night Class | Same | Same | Same |

1. How many semesters should it take a full-time student to complete this program?

|  |
| --- |
| H48-Entry Level Certificate-1 semesterH49-Advanced Welding Certificate-2 semesters |

1. During the past five years, have courses been offered and properly sequenced so a student could complete the program in the number of semesters specified above?

|  |
| --- |
|  X Yes  No |

1. During the past five years, have scheduling conflicts been avoided by coordinating the days and times that courses are offered?

|  |
| --- |
|  X Yes  No |

1. During the past five years, have scheduling conflicts been avoided by coordinating schedules with other required courses, outside of this area?

|  |
| --- |
|  X Yes No |

1. Describe scheduling changes that may be needed during the next five years and the rationale for the changes, ***OR*** indicate “None.”

|  |
| --- |
| Starting in the Spring 2009 semester welding courses will be offered twice per week for two eight week sessions in both the morning and afternoon classes in place of the open lab schedule that has been used. This will create a better learning environment through specific lecture and problem solving techniques focused on each individual class. The open lab is much more general and does not allow for in depth or specific lecturing.  |

1. Summarize activities that the department will perform to correct scheduling problems and make future scheduling changes in the operational plan and code as PD. Indicate if activities will be included in the operational plan, ***OR*** if issues have been corrected, below.

|  |
| --- |
|  Activities included in the operational plan No activities included in the operational plan X Issues have already been corrected |

|  |
| --- |
| **SECTION E: CURRICULUM: COURSE OUTLINES** |

1. Have 100% of course outlines been reviewed and updated at least once during the past five years?

|  |
| --- |
|  X Yes No |

1. Are 100% of course outlines and syllabi aligned?

|  |
| --- |
|  X Yes No |

1. Summarize activities to correct course outline issues in the operational plan and code as PE. Indicate if activities will be included in the operational plan, ***AND/OR*** if issues have been corrected, below.

|  |
| --- |
|  Activities included in the operational plan No activities included in the operational plan X Issues have already been corrected |

|  |
| --- |
| **SECTION F: CURRICULUM: ASSESSMENT**Resources: Annual Reviews, Item 5 Assessment folder, Program/Discipline Data |

1. List the program/discipline objectives that have NOT been assessed in this five-year period and indicate whether these will be assessed, eliminated, or replaced, ***OR*** indicate “All have been assessed.”

|  |
| --- |
| All have been assessed. |

1. Describe the results of the curriculum changes ensuing from assessment activities that were implemented since the last program review, ***OR*** indicate “None.”

|  |
| --- |
| None |

1. Describe the status of any budget requests resulting from assessment activities since the last program review, ***OR*** indicate “None.”

|  |
| --- |
| None |

1. Summarize activities related to assessment issues in the operational plan and code as PF. Indicate below if activities will be included in the operational plan.

|  |
| --- |
|  Activities included in the operational plan X No activities included in the operational plan |

|  |
| --- |
| **SECTION G: CURRICULUM: CURRICULAR CHANGES**Resources: Annual Reviews, Item 5 Assessment Summary Reports Operational Plans  |

1. Describe the positive or negative impacts of the curricular changes made during the past five years.

|  |
| --- |
| N/A |

1. Describe possible changes in employer or industry requirements that may be *imposed* on the program during the next five years, ***OR*** indicate “None.”

|  |
| --- |
| N/A |

1. Describe anticipated curricular changes that the department will propose during the next five years and the accompanying needs that will be required, or indicate “None.”

|  |  |  |  |
| --- | --- | --- | --- |
| **Curricular Changes** | **Equipment and/or Supply Needs** | **Facility Needs** | **Personnel and/or Training Needs** |
| WLD 299B to WLD 106 | 10 - Industrial size Mig welders $3,500 each |  | Attend AWS sponsored trade show $1,500  |
| WLD 299A to WLD 250 | 10 - Industrial size Tig/Stick welders $3,500 each |  |  |
| Title of WLD 101 from Welding Fundamentals to Industrial Mig Welding |  |  |  |

1. Summarize activities that the department will perform to make curricular changes in the operational plan and code as PG. Indicate below if activities will be included in the operational plan.

|  |
| --- |
|  Activities included in the operational plan X No activities included in the operational plan |

|  |
| --- |
| **SECTION H: FACULTY** |

1. Have 100% of full-time faculty participated in professional development during the past 5 years?

|  |
| --- |
|  X Yes, skip to question 34 No, continue with question 33 |

1. Describe what can be done to assure that 100% of faculty participate in professional development during the next 5 years?

|  |
| --- |
|  |

1. Will faculty need any *specialized* professional development in the next year?

|  |
| --- |
|  X Yes, continue with question 35 No, skip to question 36 |

1. Summarize the *specialized* professional development what will be needed, who will participate and estimated expenses.

|  |
| --- |
|  |

1. Summarize activities that the department will perform so that 100% of faculty participate in professional development during the next 5 years in the operational plan and code as PH. Indicate below if activities will be included in the operational plan.

|  |
| --- |
|  X Activities included in the operational plan No activities included in the operational plan |

|  |
| --- |
| **SECTION I: EQUIPMENT AND SUPPLIES**  |

1. Identify current deficiencies in equipment, software, and/or supplies that negatively impact the program, ***OR*** indicate “None.”

|  |
| --- |
| The welding machines are under sized for industrial training and are starting to show signs of wear (replacing parts more often) and the ventilation system in the welding lab is inadequate. |

1. Identify new and/or replacement equipment, software, and/or supplies which are anticipated during the next five years, with cost estimates, ***OR*** indicate “None.” Do not include items associated with the curriculum changes noted in Section G.

|  |
| --- |
| None |

1. Summarize activities to acquire the needed equipment, software, and supplies in the operational plan and code as PI, ***AND/OR*** submit a completed *Equipment Request Form*. Indicate below if activities will be included in the operational plan, and if an *Equipment Request Form* is attached.

|  |
| --- |
|  Activities included in the operational plan No activities included in the operational plan X A completed *Equipment Request Form* accompanies this program review |

|  |
| --- |
| **SECTION J: SUPPORT SERVICES** Definition: College services that are *specific to this program*, which are utilized by students outside of the classroom (i.e. tutoring in the LAC, special materials in the LRC, etc) |

1. Describe the program specific support services that are currently available to students, ***OR*** indicate “None.”

|  |
| --- |
| None |

1. Describe gaps in the program specific support services that currently available and identify possible solutions, ***OR*** indicate “None.”

|  |
| --- |
| None |

1. Describe any changes in the need for support services that are anticipated to occur during the next five years, ***OR*** indicate “None.”

|  |
| --- |
| None |

1. Summarize activities to expand or correct the gaps in support services in the operational plan and code as PJ. Indicate below if activities will be included in the operational plan.

|  |
| --- |
|  Activities included in the operational plan X No activities included in the operational plan |

|  |
| --- |
| **SECTION K: MARKETING**Definition: Systematic efforts aimed at attracting new students to the program. |

1. Describe how the program can be better promoted and marketed.

|  |
| --- |
|  Visit local high schools and industries once per semester. |

1. Summarize activities to better promote and market the program in the operational plan and code as PK. Indicate below if activities will be included in the operational plan.

|  |
| --- |
|  X Activities included in the operational plan No activities included in the operational plan |

|  |
| --- |
| **SECTION L: STUDENT INPUT**Definition: Systematic efforts aimed at student opinions and suggestions for improving the program.Resources: Annual Review, Item 9  Operational Plans |

1. Describe what was gained from seeking student input since the last program review ***OR*** indicate “None was sought.”

|  |
| --- |
| None was sought. Input will be sought as program develops |

1. Summarize activities to obtain student input in the operational plan and code as PL. Indicate below if activities will be included in the operational plan.

|  |
| --- |
|  X Activities included in the operational plan No activities included in the operational planA follow up study will be created and administered 6 months after graduation from the welding program. |

|  |
| --- |
| **SECTION M: NON-STUDENT INPUT**Definition: Systematic efforts aimed at obtaining information regarding program content and improvement from informed sources other than students, for the purpose of keeping the program current and relevant.Resources: Annual Review, Item 10  Operational Plans |

1. Describe what was gained from seeking non-student input since the last program review ***OR*** indicate “None was sought.”

|  |
| --- |
| None was sought. A follow up study will be created for businesses who are hiring welders from our welding program. |

1. Summarize plans to obtain input from non-student sources in the operational plan and code as PM. Indicate below if activities will be included in the operational plan.

|  |
| --- |
|  X Activities included in the operational plan No activities included in the operational plan  |

|  |
| --- |
| **SECTION N: NEED AND GROWTH POTENTIAL** |

1. What is the projected level of need for the program, during the next five years?

|  |
| --- |
|  X Growing need Level need Declining needThis is based on the job outlook and prospects sections based on state and national data, in which a significant increase in demand for welders in the construction, manufacturing, and utilities industry is reported as well as excellent job opportunities for welders in the oil and gas industries. This section also states that employers are reporting difficulty finding trained welders and that although job growth is projected to be average, in most parts of the country job opportunities for welders should be excellent. |

1. List the top five priorities to strengthen the program during the next five years.

|  |
| --- |
| * 1. Industrial sized welding machines
	2. Adequate ventilation system
	3. Add pipe welding courses
	4. Add another full time instructor
	5. Part time lab assistant
 |

1. Summarize plans to address the top five priorities in the operational plan and code as PN. Indicate below if activities will be included in the operational plan.

|  |
| --- |
|  X Activities included in the operational plan No activities included in the operational plan  |

**CAREER AND TECHNICAL EDUCATION PROGRAM REVIEW SUMMARY REPORT**

**Required ICCB Program Review Report**

**Sauk Valley Community College Academic Year 2008 - 2009**

**Program Identification Information**

|  |  |
| --- | --- |
| **6-digit CIP** | 480508 |

|  |  |
| --- | --- |
| **Degree Type**03 – AAS 20 – Certs. 30CH>30 – Certs. <30ch | 30 – Cert  |

|  |  |
| --- | --- |
| **Program Title** | Entry Level Welding Certificate (0H49) |

**Action**

X Continued with minor improvements

⁭ Significantly modified

⁭ Discontinued/Eliminated

⁭ Placed on inactive status

⁭ Scheduled for further review

⁭ Other, please specify:

**Improvements & Rationale for Action**

|  |
| --- |
| Based on the state numbers of jobs in the area, we feel we are training the correct number of students for the future jobs in this profession for this area. While classes have been full or over full, I feel we could expand enrollment dramatically by adding pipe welding classes. Statistics show a growing need for qualified pipe welders. We also need more space, adequate ventilation, and industrial size welding machines whether we add pipe welding classes or not. |

**Principle Assessment Methods Used in Quality Assurance for this Program**

X Standardized assessments

X Certification and licensure examination results

⁭ Writing samples

⁭ Portfolio evaluation

⁭ Course embedded questions

X Student survey

⁭ Analysis of enrollment, demographic and cost data

⁭ Other, please specify:

**Statewide Program Issues (if applicable)**

|  |
| --- |
| We do not see any statewide issues regarding this program at this time. All sources show a shortage of workers in this profession and the shortage is growing.  |

**CAREER AND TECHNICAL EDUCATION PROGRAM REVIEW SUMMARY REPORT**

**Required ICCB Program Review Report**

**Sauk Valley Community College Academic Year 2008 - 2009**

**Program Identification Information**

|  |  |
| --- | --- |
| **6-digit CIP** | 480508 |

|  |  |
| --- | --- |
| **Degree Type**03 – AAS 20 – Certs. 30CH>30 – Certs. <30ch | 30 – Cert  |

|  |  |
| --- | --- |
| **Program Title** | Advanced Welding Certificate (0H49) |

**Action**

X Continued with minor improvements

⁭ Significantly modified

⁭ Discontinued/Eliminated

⁭ Placed on inactive status

⁭ Scheduled for further review

⁭ Other, please specify:

**Improvements & Rationale for Action**

|  |
| --- |
| Based on the state numbers of jobs in the area, we feel we are training the correct number of students for the future jobs in this profession for this area. While classes have been full or over full, I feel we could expand enrollment dramatically by adding pipe welding classes. Statistics show a growing need for qualified pipe welders. We also need more space, adequate ventilation, and industrial size welding machines whether we add pipe welding classes or not. |

**Principle Assessment Methods Used in Quality Assurance for this Program**

X Standardized assessments

X Certification and licensure examination results

⁭ Writing samples

⁭ Portfolio evaluation

⁭ Course embedded questions

X Student survey

⁭ Analysis of enrollment, demographic and cost data

⁭ Other, please specify:

**Statewide Program Issues (if applicable)**

|  |
| --- |
| We do not see any statewide issues regarding this program at this time. All sources show a shortage of workers in this profession and the shortage is growing.  |

**Best Practices Report**

**Optional ICCB Program Review Report**

**Sauk Valley Community College Academic Year 2008 - 2009**

**Title of Best Practice**

|  |
| --- |
| The 5 Musts of a Good Weld |

**Programmatic Area**

⁭ Academic Discipline

X Career and Technical Education

⁭ Cross-Disciplinary

⁭ Student & Academic Support Services

**Description of the innovation/best practice (150 word limit)**

|  |
| --- |
| I have narrowed down the common causes of a failed weld into five categories. These categories are 1-Travel Angle, 2-Work Angle, 3-Machine Settings, 4-Travel Speed, and 5- Arc Length.  |

**What are the results/measurable outcomes?**

|  |
| --- |
| By correcting only the specific area or areas causing the problems in a weld students are able to make satisfactory welds. |

**Contact Information**

|  |
| --- |
| Sauk Valley Community CollegeName & Title: Phone Number: E-mail Address:  |

|  |
| --- |
| **FINAL NOTES:*** Complete the Program review using this document as a template. Do not use alternate formats.
* The Program Review is **due December 1, 2008**.
* The Program Review should be submitted as an e-mail attachment to:
	+ The program’s administrative supervisor, and
	+ The chair of the Program Review Committee, Janet Lynch.
* The names of the Program Review Team are to be included in the electronic version.
* Print the Signatures and Approval page and obtain signatures from all team members and submit to the chair of the Program Review Committee, Janet Lynch.
 |
| **Checklist** | **Supporting Documents to be submitted with this Review** |
| YES | Assessment Summary Report (referenced in Section F) |
| YES | Data Tables 1, 2, & 3 (most recent tables only) |
| N/A | Equipment Request Form (referenced in Section I) |
| YES | ICCB Program Review Report  |
| N/A | ICCB Program Review Report: Best Practices *(optional)* |
| N/A | FY09 Operational Plan (addendum to original plan) |
| N/A | Personnel Change Request Form (referenced in item 7) |
|  |
|  | **Signatures and Approval** 1) Type names of the team conducting this program review and include with the electronic submission; 2) Print the page and obtain each team member’s signature; 3) Submit the signed page to the chair of the Program Review Committee, Janet Lynch. |

|  |
| --- |
| **SIGNATURES and APPROVALS** |

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| **Names and Signatures of the Program Review Team** Add lines if neededSignatures indicate that team members concur with the findings of the program review |
| **Names** (Indicate chair/co-chairs) | **Signatures** |
| Scott Gillihan, Chair | Scott Gillihan |
| Larry Sileven | Larry Sileven |
| Steve McPherson | Steve McPherson |
| Loren Neimeyer | Loren Neimeyer |
| Tom Breed | Tom Breed |
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| **Program Review Committee** |
| This Program Review is complete and acceptable. |  |
| This Program Review is complete but the conclusions ***are not*** fully substantiated. |  |
| This Program Review is incomplete and unacceptable. |  |
| Comments are attached (optional) |  |
| Program Review Committee Chair/Co-Chair |  |
| Date |  |
| Program Review Committee Co-Chair |  |
| Date |  |
| **Administrative Approvals** Administrative signatures indicate an acceptance of the program review. |
| Program Administrator |  |
| Academic Vice President |  |
| President |  |