PROGRAM REVIEW: Electronic Engineering Technology (065), Electronic Service and Repair (H69), Electronics: Industrial H64) & Industrial Maintenance Electrician (H94)

WHY DO A PROGRAM REVIEW?

As a part of accreditation, the Higher Learning Commission (HLC) requires institutions to have an established process to regularly review all programs. Each institution is allowed the latitude to develop and administer a review process that is suited to the institution's unique circumstances and needs.

The Illinois Community College Board (ICCB) requires all instructional programs and all student and academic support services to conduct a program review at least once every five years. The program review process should…

- Examine the need for the program, its quality, and its cost of operation.
- Involve employees of the unit as well as individuals not employed in the unit.
- Examine current information and data.
- Produce results that are considered in campus planning, quality improvements, and budget allocation decisions.

The College's annual *Program Review Report* to the ICCB comes directly from the approved program reviews.

The purpose of Sauk's program review process is to promote continuous improvement and to link those improvements to other internal processes, including curriculum development, assessment, budgeting, facility planning, and to the strategic plan through operational plans. Information provided in program reviews will be used in internal reports, reports to other agencies, and for institutional planning.

TIMELINE

April/May	Units informed that they are scheduled to conduct a program review in the fall
Beginning of the fall semester	Program review orientation sessions conducted
Fall semester	Units conduct their program reviews
December 1	**Program reviews are due**
Early Spring semester	Unit's administrator and the Program Review Committee will consider program reviews, request revisions, and approve final reviews
April 1	Equipment Requests, Personnel Change Requests, and Major Project Requests from ***approved*** program reviews, will be forwarded for consideration in the budget allocation process
End of spring semester	Instructional units submit next year's operational plans, including all activities identified in the program review
Early July	Student and academic support services submit next year's operational plans, including all activities identified in the program review

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INSTRUCTIONS

- The program review is to be conducted by a team of 5 to 10 individuals recommended from the following:
  - Department/unit staff and administrator
  - Employees not part of the department
  - 1 or 2 students
  - Community members and/or industry representatives who are not SVCC employees
- Use this document as a template. Do not use alternate formats.
- Complete all items on all pages
- Use past *Operational Plans* as resources
- The ICCB Best Practices Report may describe the entire unit or a specific practice. *This is the only optional component* of the program review
- Insert the names of the program review team on the SIGNATURES AND APPROVAL page
- Complete any appropriate request forms:
  - Equipment Request
  - Personnel Change Request
  - Major Project Request
  - Request forms are available in *FAST* under *Documents and Forms*
  - Requests will be forwarded to the budget allocation process, *after all program review revisions have been submitted and the review has been approved by the Program Review Committee*. The requests will not be forwarded to the budgeting process until the Committee informs the unit that the review has been approved.
- The approval process:
  - Submission of the review alone does not constitute approval
  - The Program Review Committee may request additional analysis, clarification, or information, and will not approve the review until it is satisfied that its requests have been addressed
    - Reviews must be *approved by April 1* for requests to be forwarded for budgetary consideration
  - The program administrator may request a meeting to discuss the review and/or request modifications, and approves the review after the Committee approves it
  - The President provides the final approval of every review

QUESTIONS: Contact the Program Review Committee Chair, Janet Lynch, with any questions regarding your program review.

HOW to SUBMIT the PROGRAM REVIEW

- Program reviews are due on December 1
- The program review, appropriate request documents, and any other support documents should be submitted as an e-mail attachment to:
  - The program's immediate administrative supervisor (dean or vice president), *and*
  - The chair of the Program Review Committee, Janet Lynch.
- A printed copy of the review *is not required*, and is discouraged.
- A printed copy of the SIGNATURES AND APPROVAL page, with signatures from all team members, should be sent to the Program Review Committee chair, Janet Lynch.

ALIGNMENT WITH THE COLLEGE MISSION

College Mission *Tells who we are as an institution and what we do*

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 *Tells where we want to go as an institution*

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

The Sauk Valley Community College Electronics area will provide the best possible learning opportunities for people to acquire the skills to be successfully employed in our district.

Part 1: PREVIOUS PROGRAM REVIEW

The previous program review should be studied in conjunction with this review

1. Was the previous program review studied?

   __x__ Yes
   _____ No

2. Were the plans identified in the previous program review carried out?

   __x__ Yes, skip to question #4
   _____ No, continue with question #3

3. Why were plans *not completed?*

4. What innovations have been introduced since the previous program review?

   Electronics certificate programs have been reorganized and condensed into two certificates that allow the student to build towards the EET degree. Wind Energy, Sustainable Energy, and Multicraft programs have been approved or are pending approval. All of these new programs have a substantial electronics component.

Part 2: VIABILITY COMPONENT

The viability component focuses on quantitative analysis and the need for the program(s)

ENROLLMENT & COMPLETIONS

DATA TABLE 1: Course Enrollment				**Discipline Group:**		**Electronics**	
Tutorials not included. Honors students included. Honors sections not included.							
Row		**FY07**	**FY08**	**FY09**	**FY10**	**FY11**	**5 Year Total**
a	Total Sections Offered	14	14	11	10	10	59
b	Total Enrollment at 10th day	89	47	70	94	94	394
c	Average enrollment for all sections offered at 10th day	6.4	3.4	6.4	9.4	9.4	6.7
d	Proportion of successful completions (A,B,C or P)	71.9%	68.1%	85.7%	64.9%	61.7%	70.5%
e	Persistence Rate completions (A,B,C,D,F,P,Q, or I)	94.4%	80.9%	97.1%	81.9%	79.8%	86.8%
f	Course	EET 105	EET 105	EET 105	EET 105	EET 105	
g	Sections	0	0	0	0	0	0
h	Enrollment at 10th day	0	0	0	0	0	0
i	Average enrollment per section at 10th day	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
j	Proportion of successful completions (A,B,C or P)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
k	Persistence Rate completions (A,B,C,D,F,P,Q, or I)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
l	Course	EET 106	EET 106	EET 106	EET 106	EET 106	
m	Sections	0	0	0	0	0	0
n	Enrollment at 10th day	0	0	0	0	0	0
o	Average enrollment per section at 10th day	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
p	Proportion of successful completions (A,B,C or P)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
q	Persistence Rate completions (A,B,C,D,F,P,Q, or I)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
r	Course	EET 107	EET 107	EET 107	EET 107	EET 107	
s	Sections	1	1	2	2	2	8
t	Enrollment at 10th day	11	9	12	28	24	84
u	Average enrollment per section at 10th day	11.0	9.0	6.0	14.0	12.0	10.5
v	Proportion of successful completions (A,B,C or P)	72.7%	66.7%	91.7%	64.3%	66.7%	72.4%
w	Persistence Rate completions (A,B,C,D,F,P,Q, or I)	100.0%	77.8%	91.7%	78.6%	83.3%	86.3%
x	Course	EET 110	EET 110	EET 110	EET 110	EET 110	
y	Sections	2	3	1	2	2	10
z	Enrollment at 10th day	24	13	10	35	34	116
aa	Average enrollment per section at 10th day	12.0	4.3	10.0	17.5	17.0	11.6
ab	Proportion of successful completions (A,B,C or P)	75.0%	38.5%	90.0%	48.6%	50.0%	60.4%
ac	Persistence Rate completions (A,B,C,D,F,P,Q, or I)	91.7%	61.5%	90.0%	74.3%	70.6%	77.6%
ad	Course	EET 111	EET 111	EET 111	EET 111	EET 111	
ae	Sections	1	1	1	0	0	3
af	Enrollment at 10th day	2	4	2	1	0	9
ag	Average enrollment per section at 10th day	2.0	4.0	2.0	#DIV/0!	#DIV/0!	3.0

ah	Proportion of successful completions (A,B,C or P)	50.0%	100.0%	100.0%	100.0%	0.0%	70.0%
ai	Persistence Rate completions (A,B,C,D,F,P,Q, or I)	100.0%	100.0%	100.0%	100.0%	0.0%	80.0%
aj	Course	EET 201	EET 201	EET 201	EET 201	EET 201	
ak	Sections	1	1	0	0	0	2
al	Enrollment at 10th day	2	4	0	1	0	7
am	Average enrollment per section at 10th day	2.0	4.0	#DIV/0!	#DIV/0!	#DIV/0!	3.5
an	Proportion of successful completions (A,B,C or P)	0.0%	75.0%	0.0%	100.0%	0.0%	35.0%
ao	Persistence Rate completions (A,B,C,D,F,P,Q, or I)	100.0%	100.0%	0.0%	100.0%	0.0%	60.0%
ap	Course	EET 202	EET 202	EET 202	EET 202	EET 202	
aq	Sections	1	1	0	0	0	2
ar	Enrollment at 10th day	2	1	3	0	1	7
as	Average enrollment per section at 10th day	2.0	1.0	#DIV/0!	#DIV/0!	#DIV/0!	3.5
at	Proportion of successful completions (A,B,C or P)	100.0%	100.0%	100.0%	0.0%	0.0%	60.0%
au	Persistence Rate completions (A,B,C,D,F,P,Q, or I)	100.0%	100.0%	100.0%	0.0%	0.0%	60.0%
av	Course	EET 207	EET 207	EET 207	EET 207	EET 207	
aw	Sections	1	1	1	0	1	4
ax	Enrollment at 10th day	3	1	5	1	7	17
ay	Average enrollment per section at 10th day	3.0	1.0	5.0	#DIV/0!	7.0	4.3
az	Proportion of successful completions (A,B,C or P)	33.3%	0.0%	80.0%	100.0%	71.4%	56.9%
ba	Persistence Rate completions (A,B,C,D,F,P,Q, or I)	66.7%	0.0%	100.0%	100.0%	100.0%	73.3%
bb	Course	EET 215	EET 215	EET 215	EET 215	EET 215	
bc	Sections	0	0	0	0	0	0
bd	Enrollment at 10th day	0	0	0	0	0	0
be	Average enrollment per section at 10th day	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
bf	Proportion of successful completions (A,B,C or P)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
bg	Persistence Rate completions (A,B,C,D,F,P,Q, or I)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
bh	Course	EET 217	EET 217	EET 217	EET 217	EET 217	
bi	Sections	0	0	0	0	0	0
bj	Enrollment at 10th day	0	0	0	0	0	0
bk	Average enrollment per section at 10th day	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
bl	Proportion of successful completions (A,B,C or P)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
bm	Persistence Rate completions (A,B,C,D,F,P,Q, or I)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
bn	Course	EET 218	EET 218	EET 218	EET 218	EET 218	
bo	Sections	1	0	1	0	0	2
bp	Enrollment at 10th day	7	0	5	1	1	14
bq	Average enrollment per section at 10th day	7.0	#DIV/0!	5.0	#DIV/0!	#DIV/0!	7.0
br	Proportion of successful completions (A,B,C or P)	57.1%	0.0%	80.0%	100.0%	100.0%	67.4%

bs	Persistence Rate completions (A,B,C,D,F,P,Q, or I)	85.7%	0.0%	100.0%	100.0%	100.0%	77.1%
bt	Course	EET 223	EET 223	EET 223	EET 223	EET 223	
bu	Sections	0	0	0	0	0	0
bv	Enrollment at 10th day	0	0	0	0	0	0
bw	Average enrollment per section at 10th day	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
bx	Proportion of successful completions (A,B,C or P)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
by	Persistence Rate completions (A,B,C,D,F,P,Q, or I)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
bz	Course	EET 245	EET 245	EET 245	EET 245	EET 245	
ca	Sections	1	1	3	1	2	8
cb	Enrollment at 10th day	9	5	22	12	17	65
cc	Average enrollment per section at 10th day	9.0	5.0	7.3	12.0	8.5	8.1
cd	Proportion of successful completions (A,B,C or P)	66.7%	80.0%	72.7%	75.0%	70.6%	73.0%
ce	Persistence Rate completions (A,B,C,D,F,P,Q, or I)	88.9%	100.0%	100.0%	100.0%	94.1%	96.6%
cf	Course	EET 247	EET 247	EET 247	EET 247	EET 247	
cg	Sections	0	0	0	0	0	0
ch	Enrollment at 10th day	1	0	0	0	0	1
ci	Average enrollment per section at 10th day	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
cj	Proportion of successful completions (A,B,C or P)	100.0%	0.0%	0.0%	0.0%	0.0%	20.0%
ck	Persistence Rate completions (A,B,C,D,F,P,Q, or I)	100.0%	0.0%	0.0%	0.0%	0.0%	20.0%
cl	Course	EET 252	EET 252	EET 252	EET 252	EET 252	
cm	Sections	1	1	0	0	0	2
cn	Enrollment at 10th day	8	2	3	5	1	19
co	Average enrollment per section at 10th day	8.0	2.0	#DIV/0!	#DIV/0!	#DIV/0!	9.5
cp	Proportion of successful completions (A,B,C or P)	62.5%	100.0%	100.0%	80.0%	100.0%	88.5%
cq	Persistence Rate completions (A,B,C,D,F,P,Q, or I)	100.0%	100.0%	100.0%	80.0%	100.0%	96.0%
cr	Course	EET 256	EET 256	EET 256	EET 256	EET 256	
cs	Sections	1	1	1	1	0	4
ct	Enrollment at 10th day	3	1	4	2	0	10
cu	Average enrollment per section at 10th day	3.0	1.0	4.0	2.0	#DIV/0!	2.5
cv	Proportion of successful completions (A,B,C or P)	66.7%	100.0%	100.0%	50.0%	0.0%	63.3%
cw	Persistence Rate completions (A,B,C,D,F,P,Q, or I)	100.0%	100.0%	100.0%	50.0%	0.0%	70.0%
cx	Course	EET 261	EET 261	EET 261	EET 261	EET 261	
cy	Sections	2	1	0	2	1	6
cz	Enrollment at 10th day	16	5	2	5	7	35
da	Average enrollment per section at 10th day	8.0	5.0	#DIV/0!	2.5	7.0	5.8
db	Proportion of successful completions (A,B,C or P)	93.8%	80.0%	100.0%	100.0%	71.4%	89.0%
dc	Persistence Rate completions (A,B,C,D,F,P,Q, or I)	100.0%	80.0%	100.0%	100.0%	71.4%	90.3%

dd	Course	EET 270	EET 270	EET 270	EET 270	EET 270	
de	Sections	1	2	0	2	2	7
df	Enrollment at 10th day	1	2	0	3	2	8
dg	Average enrollment per section at 10th day	1.0	1.0	#DIV/0!	1.5	1.0	1.1
dh	Proportion of successful completions (A,B,C or P)	100.0%	100.0%	0.0%	100.0%	50.0%	70.0%
di	Persistence Rate completions (A,B,C,D,F,P,Q, or I)	100.0%	100.0%	0.0%	100.0%	50.0%	70.0%
dj	Course	EET 271	EET 271	EET 271	EET 271	EET 271	
dk	Sections	0	0	1	0	0	1
dl	Enrollment at 10th day	0	0	2	0	0	2
dm	Average enrollment per section at 10th day	#DIV/0!	#DIV/0!	2.0	#DIV/0!	#DIV/0!	2.0
dn	Proportion of successful completions (A,B,C or P)	0.0%	0.0%	100.0%	0.0%	0.0%	20.0%
do	Persistence Rate completions (A,B,C,D,F,P,Q, or I)	0.0%	0.0%	100.0%	0.0%	0.0%	20.0%
dp	Course	EET 299	EET 299	EET 299	EET 299	EET 299	
dq	Sections	0	0	0	0	0	0
dr	Enrollment at 10th day	0	0	0	0	0	0
ds	Average enrollment per section at 10th day	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
dt	Proportion of successful completions (A,B,C or P)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
du	Persistence Rate completions (A,B,C,D,F,P,Q, or I)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

5. Describe the five-year enrollment trends
   The EET program has had a major overhaul in the last five years. Much of the data displayed above refers to courses that have been modified or discontinued. The five year enrollment trend is best displayed in the data for EET 107 and EET 110. Both courses show increases in enrollment with FY11 showing a 66% increase from FY07.

6. Describe the five-year successful *course completion* trends
   Course completion rate is relatively consistent with a 5 year average of 66% (again only looking at EET 107 and EET 110). Many students entering the program are lacking basic math and reading skills. The addition of a tutor in the LAC has been shown to improve the completion rate. Note that a tutor was available in FY09 and the average completion rate rose to over 90%.

7. Describe the five-year *persistence rate* trends
   Course persistence rate is slightly higher than course completion rate and is again affected by student preparedness.

8. Describe the efforts to improve the trends (#5, 6, 7 above) conducted since the last program review. Indicate how frequently each effort was conducted during the past five years.

New programs have positively affected #5. #6 and #7 continue to be negatively affected by inadequate student preparation and the ICCB requirements for students to complete programs in two years regardless of their need for remediation. Pre-req changes have been made for EET 107 with the addition of a math pre-req. This change lowered enrollment immediately after it was implemented. Tutoring programs have been attempted and open lab tutoring is offered each semester to help improve trends.

9. Describe what will be done to improve the trends (#5, 6, 7 above) during the next five years. Tutoring programs (when possible) and open lab tutoring will continue to be offered. AV and new lab equipment will be procured to assist in improving trends.

10. Summarize the activities identified above in the operational plan (under Goal 1 or 2). Indicate below if activities will be included in the operational plan.

___x___ Activities will be included in the operational plan.
_____ Activities will not be included in the operational plan.

DATA TABLE 2: Completion Data					**Discipline Group:**	**Electronics**
Row		**FY07**	**FY08**	**FY09**	**FY10**	**FY11**	**5 Year Total**
	Totals for all Programs in Discipline						
a	Declared majors	9	11	17	20	16	73
b	Number of program completions	0	0	0	2	1	3
c	Average number of Fall & Spring terms to completion	0	0	0	4	1	1
	Program: Electronic Engineering Technology (AAS 0065)						
d	Declared majors	1	7	11	13	12	44
e	Number of program completions	0	0	0	2	1	3
f	Average number of Fall & Spring terms to completion	0	0	0	4	1	1
	Program: Electronic Service & Repair (Cert. 0H69)						
g	Declared majors	6	0	2	1	1	10
h	Number of program completions	0	0	0	0	0	0
i	Average number of Fall & Spring terms to completion	0	0	0	0	0	0
	Program: Communication Electronics (Cert. 0H63)						
j	Declared majors	0	0	0	0	0	0
k	Number of program completions	0	0	0	0	0	0
l	Average number of Fall & Spring terms to completion	0	0	0	0	0	0
	Program: Industrial Electronics (Cert. 0H65)						

m	Declared majors	2	4	3	5	3	17
n	Number of program completions	0	0	0	0	0	0
o	Average number of Fall & Spring terms to completion	0	0	0	0	0	0
	Microprocessor Maintenance Electronics (Cert. Program: 0H64)						
p	Declared majors	0	0	1	1	0	2
q	Number of program completions	0	0	0	0	0	0
r	Average number of Fall & Spring terms to completion	0	0	0	0	0	0

11. Describe the five-year trends pertaining to the number of *declared majors*
    Number of declared majors has been increasing. Note: H63 and H64 have been discontinued.

12. Describe the five-year program completion trends
    Program completion rate is consistently low. Most students take classes as needed for personal or job-based development and do not intend to complete a program.

13. Describe what was done to increase the number of declared majors and increase the number of program completions since the last program review. Indicate how frequently each effort was conducted during the past five years.

    The electronics degree has been modified by replacing obsolete courses with courses that have more of an industrial emphasis. Most declared electronics majors only take the classes that they need to get employment or advance in their employment and do not plan to complete a degree. The multicraft degree has been developed to allow industrial students a degree more suited to their employment goals.

14. Describe what will be done to increase the number of declared majors and increase the number of program completions during the next five years.

    Certificates will be developed for the multicraft degree to which will allow students to transition into the degree in a step-by-step process. This will affect all technology degrees.

15. ***Transfer Classes Only:*** Describe any *recurring* problems related to IAI approved courses transferring to universities and what needs to be done to obtain resolution, ***OR*** if there were not any *recurring* problems, indicate "None."

16. Summarize the activities identified above in the operational plan (under Goal 1 or 2). Indicate below if activities will be included in the operational plan.

___x__ Activities will be included in the operational plan.
_____ Activities will not be included in the operational plan.

NEED FOR PROGRAM

17. ***Career Programs Only*** List any concerns identified in the *Career and Technical Follow-Up Study* and discuss solutions, ***OR*** if there were no concerns identified, indicate "No concerns."

    No concerns identified. Modifications listed above have been identified through input from the Workforce Council.

18. ***Career Programs Only*** Use data from the Illinois Workforce Development System http://iwds.state.il.us/iwdshome.html (click on *Consumer Information,* click on *Compare performance…* and enter *Sauk Valley Community College* as the training provider name) which tracks WIA eligible students, to answer the following:

    EET AAS

Percent of students who complete the program:	33 %
Percent of students employed after exiting WIA:	100 %
Average starting hourly wage:	$ 15.00*

    *Note: EET AAS Average starting hourly rate of $5.00 is what is listed on the IL Workforce Development website. This is most likely a typographical error with a "1" missing ($15.00).

    EET Service & Repair Certificate

Percent of students who complete the program:	53 %
Percent of students employed after exiting WIA:	100 %
Average starting hourly wage:	$ 10.00

19. ***Career Programs Only*** Describe the occupational need for the program. Create one or more tables that illustrate the projected occupational demand for program completers using information available at one of the following sources. Include all appropriate job titles:
    a. The Illinois Department of Employment Security at www.ilworkinfo.com, click on *Workforce Info Center*, click on *Industry* under *Labor Market Analysis,* then explore the available links; ***OR***
    b. The O*Net Center at http://www.onetcenter.org , click on *Find Occupation*, make a selection and then use information from *Wage & Employment Trends* which is located at the very bottom of the page; ***OR***
    c. Use any other reputable source (Be sure to site your data source).

Standard Occupational Classification (SOC)		Base Year	Projected Year	Employment Change		Average Annual Job Openings due to			Annual
		Employment	Employment	2008-2018					Compound
Code	Title	2008	2018	Number	Percent	Growth	Replacements	Total	Growth
49-1011	1st-Line Svrs/Mgrs, Mechs/Installrs	15,628	16,474	846	5.41	85	409	494	0.53
49-2000	Elec/Electronc Eqpt Mechs/Installrs	26,039	27,276	1,237	4.75	144	470	614	0.47
49-2011	Computer, Ofc & ATM Mach Repairer	4,403	4,199	-204	-4.63	0	76	76	-0.47
49-2022	Telecomm Eqpt Installers/Repairers	11,659	12,075	416	3.57	42	204	246	0.35
49-2091	Avionics Technicians	592	649	57	9.63	6	10	16	0.92
49-2092	Electric Motor/Power Tool Repairers	1,063	1,201	138	12.98	14	37	51	1.23
49-2093	Elec Installrs/Repairers, TransEqpt	851	855	4	0.47	0	15	15	0.05
49-2094	Elec Repairers, Comm/Indstrial Eqpt	2,199	2,260	61	2.77	6	38	44	0.27
49-2097	ElecHomeEntrtnmtEqtInstallrs/Repair	1,970	2,249	279	14.16	28	34	62	1.33
49-2098	Security & Fire Alarm Sys Installrs	2,067	2,481	414	20.03	41	36	77	1.84
49-9041	Industrial Machinery Mechanics	9,171	10,322	1,151	12.55	115	132	247	1.19
49-9042	General Maintenance & Repair Workr	54,674	59,173	4,499	8.23	450	842	1,292	0.79
49-9043	Maintenance Workers, Machinery	5,394	5,652	258	4.78	26	83	109	0.47
49-9051	Elec Power-Line Installrs/Repairers	2,712	2,789	77	2.84	8	96	104	0.28
49-9052	Telecomm Line Installers/Repairers	3,972	4,078	106	2.67	11	61	72	0.26
49-9062	Medical Equipment Repairers	1,223	1,525	302	24.69	30	35	65	2.23
49-9069	Precisn Instrumt Eqpt Repairers, AO	464	524	60	12.93	6	13	19	1.22
49-9091	Coin/Vend/Amusement Mach Service	1,886	1,943	57	3.02	6	63	69	0.30
49-9098	Helpers--Install/Maint/Repair Wrkrs	4,107	4,442	335	8.16	34	197	231	0.79
49-9099	Installation/Maint/Repair Wkrs, AO	7,112	7,571	459	6.45	46	110	156	0.63
51-8013	Power Plant Operators	886	891	5	0.56	1	31	32	0.06

PROGRAM FINANCES

DATA TABLE 3: Income and Expense Revenue Tutorials not included. Honors students included. Honors sections not included.						**Discipline Group:**	**Electronics**
Row		**FY07**	**FY08**	**FY09**	**FY10**	**FY11**	**5 Year Total**
a	Direct income (Tuition & fees at 10th day)	$25,564	$13,882	$19,333	$29,407	$35,273	$123,459
b	Apportionment (Estimated)	$16,040	$8,364	$11,423	$16,071	$14,538	$66,436
c	**Total income** (Row a + b)	$41,604	$22,246	$30,756	$45,478	$49,811	$189,895
d	Employee expense (Salaries & benefits)[1]	$66,935	$30,828	$54,047	$61,700	$72,268	$285,778
e	Supply expense (Purchases charged to budget supply line & software purchases)	$3,032	$1,690	$2,091	$4,677	$7,200	$18,690
f	Equipment expense (Purchases charged to budget equipment line)	$0	$0	$0	$0	$0	$0
g	Other expense (Any expense that does not fit into the above categories)	$11,045	$1,741	$431	$71	$144	$13,432
h	**Total expense** (Row d + e + f + g)	$81,012	$34,259	$56,569	$66,448	$79,612	$317,900
i	**Net income** (Row c - Row h)	-$39,408	-$12,013	-$25,813	-$20,970	-$29,801	-$128,005

[1] Employee expense = Salaries (prorated by credits taught) + benefits (averaged across the College to eliminate penalties to programs due to dependent insurance coverage)

20. Describe the five-year income and expense trends.
    It is difficult to determine any trends at this time do to programming changes that have been made over the past 5 years. The program has had some major changes completed that have affected enrollment and expenses. The only identifiable trend is increased enrollment will increase income.

21. Describe what was done to improve the program's financial viability during the past five years.
    Program growth is the only controllable method to improve the program's financial viability. New programs have just been implemented in the technology area that will include electronics courses in other degrees.

22. Describe how the program's financial viability may be improved.

The renovation of the technology wing should help with the image and enrollment of the program. A marketing plan will be devised to promote SVCC technology programs and the new technology wing.

23. Summarize the activities identified above in the operational plan (under Goal 3). Indicate below if activities will be included in the operational plan.

___x _ Activities will be included in the operational plan.
_____ Activities will not be included in the operational plan.

Part 3: QUALITY COMPONENT

The quality component focuses on qualitative analysis and issues

COURSE SCHEDULING

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

COURSE NUMBER	YEAR 1: FALL SEMESTER	YEAR 1: SPRING SEMESTER	YEAR 2: FALL SEMESTER	YEAR 2: SPRING SEMESTER
EET 107	x			
EET 110	x			
EET 207		x		
EET 218			x	
EET 245		x		
EET 252			x	
EET 256				x
EET 261			x	

See spreadsheet below for additional courses required for degree. Spreadsheet was created to coordinate coursework across technology area.

PROGRAM REVIEW: Electronic Engineering Technology (065), Electronic Service and Repair (H69), Electronics: Industrial H64) & Industrial Maintenance Electrician (H94)

			Electronics	Electrical	Multicraft	Sustainable	Wind Energy		HRS
Course	Name	Credit Hours	EET AAS	Industrial Maintenance Certificate	AAS	AAS	Basic Certificate	Advanced Certificate	AAS
EET 107	Intro to DC and AC	4	F1				F1		
EET 110	Digital	4	F1		F1	F1	F1		
EET 207	Advanced Circuits	3	S1						
EET 218	uP	4	F2						
EET 245	Programmable Control	3	S1		S1	S1	S1		
EET 252	Industrial Elect.	3	F2					F2	
EET 256	Technical Problems	3	S2						
EET 261	Advanced PLCs	3	F2					F2	
ELT 101	Residential Wiring	3		F1					
ELT 160	Fundamentals	3		F1	F1	F1			F1
ELT 259	Ind & Ag Wiring	3		S1	S1				
ELT 261	Code	3		S1					
ELT 262	Motor Controls	3		F2	F2				
ELT 265	Power Dist	3	F2					F2	
ENE 101	Intro to Wind	3					F1		
ENE 120	Wind Mechanics	3					S1		
ENE 140	Solar Thermal	3				S1			
ENE 145	Geothermal	3				S2			
ENE 150	Energy Audit	3				F2			F2
ENE 201	Aerodynamics	3						F2	
ENE	Photovoltaics	3	S2			F2			
ENE	Small Wind	3				S2			
HRS 100	E.P.A. Certification								F1
HRS 105	Refr	3			F2	F2			F1
HRS 114	Sheet Metal								F1
HRS 120	Refrigeration Tool								S1
HRS 130	Basic Heating								S1
HRS 135	Renewable Energy	3				F1			
HRS 160	Heat Pumps								S1
HRS 170	Hydronics								S1
HRS 225	Advanced controls								F2
HRS 230	Installation								F2
IND 105	Industrial Computers	2	F1	F1	F1		F1		
IND 116	Blueprints	3		F1	F1	F1	F1		F1
IND 131	OSHA	1	S1	S1	S1	S1	S1		
IND 214	Hydraulics	2					S1		
IND 250	Internship	1,2,3	S2 (2)		Summer			Summer	
IND	Fluid Power	4			S1	S1			
IND	Industrial Comm.	3	S2		S2				
WLD 106	Fundamentals	2			F1				
WLD 102	Arc Welding	3			S2				
	Elective	3			F1				
	Elective	3			F2	F2			
	Elective	3			S2	S2			
ENG 101		3	F1		F2	F1			S1
ENG 111		3	S2		S2	S2			S2
HUM		3	S1		S1	S1			
MAT 106		3		S1	S1	S1	S1		
MAT 121		4	F1						
MAT 122		3	S1						
PHY 175		4	F2		S2	F2		F2	
PSY 100		1	F1		F1	F1		F2	F1
SOC		3	S1		F2	S2			F2

25. How many semesters should it take a full-time student to complete this program?
    4 (065 and H69)

3 (H65 and H94)

26. 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

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

    __x__ Yes
    _____ No

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

    __x__ Yes
    _____ No

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

30. Summarize activities that the department will perform to correct scheduling problems and make future scheduling changes in the operational plan (under Goal 1 or 2). Indicate below if activities will be included in the operational plan, ***AND/OR*** if issues have already been corrected.

    _____ Activities will be included in the operational plan.
    _____ Activities will not be included in the operational plan.
    __x__ Issues have already been corrected.

CURRICULUM: COURSE OUTLINES

31. In the table below, list all of the courses in the discipline and indicate the most recent date it was reviewed as indicated on the course outline.

Course Number	Most recent review date (as indicated on the course outline in the Academic VP's office)	Next review date (to be reviewed not more than 5 years after the most recent review)
EET 107	4/2008	2012
EET 110	9/2005	2012

EET 207	2/2010	2012
EET 218	9/2004	2012
EET 245	3/2010	2012
EET 252	9/2003	2012
EET 256	11/2004	2012
EET 261	3/2010	2012

NOTE: Add the schedule of course review dates to the operational plan

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

__x__ Yes
_____ No

33. Summarize activities to correct any course outline issues in the operational plan (under Objective 1.1 or 1.3). Indicate below if activities will be included in the operational plan, ***AND/OR*** if issues have already been corrected.

__x__ Activities will be included in the operational plan.
_____ Activities will not be included in the operational plan.
_____ Issues have already been corrected.

CURRICULUM: ASSESSMENT

Additional resources: Assessment Summary Reports and Operational Plans

34. List the program/area 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.

35. Describe any curricular changes ensuing from assessment, which were made during the past five years, and the positive and/or negative results of those changes, ***OR*** indicate "None."
A math component has been added to IND 116 effective FY11. It is too early to access the effectiveness of the change.

36. Summarize activities related to assessment issues in the operational plan (under Objective 1.1). Indicate below if activities will be included in the operational plan.

__x__ Activities will be included in the operational plan.
_____ Activities will not be included in the operational plan.

CURRICULUM: CURRICULAR CHANGES

Additional resources: Assessment Summary Reports
Operational Plans

37. Describe any curricular changes made during the past five years, and the positive and/or negative results of those changes, ***OR*** indicate "None."
Prerequisite change was made to EET 245 and EET 261 to remove obsolete courses. No negative results have been noted.

38. Describe possible changes in transfer requirements or content that may be ***imposed*** on the program during the next five years, ***OR*** indicate "None."
None

39. 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	ESTIMATED EXPENSE
None				
OSHA Update	None	None	Instructor reauthorization	$1500

40. Summarize activities that the department will perform to make curricular changes in the operational plan (under Objective 1.1; 1.2; or 1.3). Indicate below if activities will be included in the operational plan.

__x__ Activities will be included in the operational plan.
_____ Activities will not be included in the operational plan.

FACULTY & STAFF

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

__x__ Yes, skip to question 43
_____ No, continue with question 42

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

All full-time faculty will continue to participate in professional development through

association memberships and continued education. Faculty all realize that industry changes require continually updating their knowledge.

43. Will faculty need any *specialized* professional development in the next 5 years?

    __x__ Yes, continue with question 44
    _____ No, skip to question 45

44. Summarize the *specialized* professional development what will be needed, who will participate and estimated expenses.
    OSHA reauthorization – S. McPherson - $1500.00
    OSHA is part of multiple degrees so update of instructor qualifications is necessary.

45. Describe any proposed staffing changes along with a rationale; indicate any planned retirements, and submit a completed *Personnel Change Request* form, or indicate "None."
    None

46. Summarize activities that the department will perform to assure that 100% of faculty participate in professional development during the next 5 years and staffing changes described above, in the operational plan (under Goal 1 or 2); Indicate below if activities will be included in the operational plan, and indicate if a completed *Personnel Change Request* is attached.

    __x__ Activities will be included in the operational plan.
    _____ Activities will not be included in the operational plan.
    _____ A completed *Personnel Change Request* accompanies this program review.

EQUIPMENT AND SUPPLIES

47. Identify *current deficiencies* in equipment, software, and/or supplies that negatively impact the program (be as specific as possible), ***OR*** indicate "None."
    None

48. 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 prior section.

    New lab tables are needed for the electronics lab. Lab tables are currently falling apart with broken legs and tops that cannot be locked to the frames. 12 tables are needed at a per unit cost of approximately $1000 each. Estimated cost $12 K.

49. Summarize activities to acquire the needed equipment, software, and supplies as described above in the operational plan (under Goal 1 or 2), ***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.

    ___x__ Activities will be included in the operational plan.
    _____ Activities will not be included in the operational plan.
    _____ A completed *Equipment Request Form* accompanies this program review.

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.)

50. Describe the services that are ***specific to this program*** that are currently available to students, ***OR*** indicate "None."
    None

51. Describe gaps in the services that are ***specific to this program*** which are currently available and identify possible solutions, ***OR*** indicate "None."
    Additional tutoring services are needed. LAC is willing to help but knowledgeable tutors are not available. Most second year students that have skills to tutor are employed elsewhere. We advertise in the area each year for 2nd year students. Adding a lab assistant for technology could free up some of the instructor's time and allow for more remedial and study groups. The lab assistant is always in the op plan.

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

53. Summarize activities to expand or correct the gaps in support services as described above in the operational plan (under Goal 1 or 2). Indicate below if activities will be included in the operational plan.

    ___x___ Activities will be included in the operational plan.
    _____ Activities will not be included in the operational plan.

MARKETING
Definition: Systematic efforts aimed at attracting students to the program.

54. Not including the catalog and program brochure, describe how the program has been promoted and marketed during the past five years, and the frequency that each promotional or marketing activity has been done.
    The Women in Engineering and Technology program is offered annually.

Community visits to local high schools and Rotary clubs are made annually.

55. Describe how the program can be better promoted and marketed.
More high school involvement with college instructors making promotional visits or presenting programs to math and science courses could help promote the area. The new technology area should have a positive effect on all technology area programs.

56. Summarize activities to better promote and market the program as described above in the operational plan (under Objective 1.2 or Goal 3). Indicate below if activities will be included in the operational plan.

__x__ Activities will be included in the operational plan.
_____ Activities will not be included in the operational plan.

STUDENT INPUT
Definition: Formal and informal efforts aimed at obtaining student opinions and suggestions for improving the program.

57. Describe the formal and informal efforts to obtain student input, the frequency of each effort, what was learned, and changes that were made ***OR*** indicate "Not applicable."

Source of Input	**Efforts to obtain student input, the frequency of each effort, what was learned, and changes that were made**
Assessment	Ongoing
Informal Conversations	Ongoing – student input initiated the need for additional tutoring
Interviews	NA
Survey	Surveys have been used in the past but the rate of return is near 0.
Other	NA

58. Describe the formal and informal efforts to obtain student input that **will be attempted** during the next five years ***OR*** indicate "None are planned."
The internship form has been changed in an attempt to gather more input from students and employers. In-class surveys will be used to obtain input from current students.

59. Summarize activities to obtain student input as described above in the operational plan (under Goal 1 or 2). Indicate below if activities will be included in the operational plan.

__x__ Activities will be included in the operational plan.
_____ Activities will not be included in the operational plan.

NON-STUDENT INPUT

Definition: Formal and informal 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 (e.g. IAI, staying informed of changing transfer requirements, meeting with other departments, meeting with colleagues from other colleges).

60. Describe the formal and informal efforts to obtain input, the frequency of each effort, what was learned, and changes that were made ***OR*** indicate "Not applicable.

Method	**Formal and informal efforts to obtain input, the frequency of each effort, what was learned, and changes that were made**
Conference attendance	IEEE conference, Employment conference
IAI updates	NA
Networking with colleagues	Ongoing
Professional association membership	Ongoing
Other	Internship and Workforce Council input. These sources have had the most effect on changes to the program.

61. Describe the formal and informal efforts to obtain non-student input that will be attempted during the next five years ***OR*** indicate "None are planned."
Internship and Workforce Council input will continue to be used.

62. Summarize plans to obtain future input from non-student sources described above in the operational plan (under Goal 1, 2, or 4). Indicate below if activities will be included in the operational plan.

__x__ Activities will be included in the operational plan.
_____ Activities will not be included in the operational plan.

NEED AND GROWTH POTENTIAL

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

_____ Growing need
__x__ Level need
_____ Declining need

64. List the top five plans to strengthen the program during the next five years. (These should be related to items discussed above, and be realistic, specific, measurable, and have a target completion date.) Include on the operational plan.

1) New programs will be in next catalog and be offered by Fall 2012

2) New courses (EET content moved to IND and ENE prefix) will be in next catalog and be offered by Spring 2013

3) Area remodeling will be completed and be available to show Workforce Council by Fall 2012

4) New training equipment will be in place by Fall 2012.

5) Electronics lab area will be remodeled by Fall 2013.

65. Summarize plans to address the top five priorities in the operational plan. Indicate below if activities will be included in the operational plan.

___x___ Activities will be included in the operational plan.
_____ Activities will not be included in the operational plan.

PROGRAM REVIEW: Electronic Engineering Technology (065), Electronic Service and Repair (H69), Electronics: Industrial H64) & Industrial Maintenance Electrician (H94)

CAREER AND TECHNICAL EDUCATION PROGRAM REVIEW SUMMARY REPORT

***Required* ICCB Program Review Report**

Sauk Valley Community College **Academic Year 2011 - 2012**

Program Identification Information

6-digit CIP	470105

Degree Type 03 – AAS 20 – Certs. 30ch > 30 – Certs. <30ch	30

Program Title	**Certified Manufacturing Assistant (H71)**

Action

□

□ Discontinued/Eliminated

□

Improvements & Rationale for Action

Additional training is necessary beyond the content of this certificate for employment opportunities to exist. The college is investigating the inclusion of soft skills training in other certificate and degree programs.

Principle Assessment Methods Used in Quality Assurance for this Program

□ Standardized assessments
□ Certification and licensure examination results
□ Writing samples
□ Portfolio evaluation
□ Course embedded questions
□ Student surveys
□ Analysis of enrollment, demographic and cost data
□ Other, please specify:

Statewide Program Issues (if applicable)

PROGRAM REVIEW: Electronic Engineering Technology (065), Electronic Service and Repair (H69), Electronics: Industrial H64) & Industrial Maintenance Electrician (H94)

CAREER AND TECHNICAL EDUCATION PROGRAM REVIEW SUMMARY REPORT

***Required* ICCB Program Review Report**

Sauk Valley Community College **Academic Year 2011 - 2012**

Program Identification Information

6-digit CIP	150303

Degree Type 03 – AAS 20 – Certs. 30ch > 30 – Certs. <30ch	**03**

Program Title	**Electronics** **Electronic Engineering Technology (AAS 065)**

Action

 Continued with minor improvements

Improvements & Rationale for Action

The electronics curriculum has been re-evaluated and coordinated with the industrial technology area in order to increase enrollment and develop workers trained for the modern industrial workforce. Optional ISCET certification is planned to be implemented in 2012 as well as portfolio evaluation for graduates.

Principle Assessment Methods Used in Quality Assurance for this Program

 Certification and licensure examination results
 Portfolio evaluation
 Course embedded questions
 Student surveys
 Analysis of enrollment, demographic and cost data

Statewide Program Issues (if applicable)

Remedial course work is not currently funded by training programs. Most displaced workers entering the technology area for retraining are not prepared for college level work. The displaced worker must complete their program within two years which does not allow for remedial training to prepare them to successfully complete college-level coursework.

CAREER AND TECHNICAL EDUCATION PROGRAM REVIEW SUMMARY REPORT

***Required* ICCB Program Review Report**

Sauk Valley Community College **Academic Year 2011 - 2012**

Program Identification Information

6-digit CIP	470103

Degree Type 03 – AAS 20 – Certs. 30ch > 30 – Certs. <30ch	**30**

Program Title	**Communication Electronics (Cert H63)**

Action

□
□ Discontinued/Eliminated
□

Improvements & Rationale for Action

Employment opportunities no longer exist in the local area for the content of the certificate.

Principle Assessment Methods Used in Quality Assurance for this Program

□ Standardized assessments
□ Certification and licensure examination results
□ Writing samples
□ Portfolio evaluation
□ Course embedded questions
□ Student surveys
□ Analysis of enrollment, demographic and cost data
□ Other, please specify:

Statewide Program Issues (if applicable)

n/a

CAREER AND TECHNICAL EDUCATION PROGRAM REVIEW SUMMARY REPORT

***Required* ICCB Program Review Report**

Sauk Valley Community College **Academic Year 2011 - 2012**

Program Identification Information

6-digit CIP	470101

Degree Type 03 – AAS 20 – Certs. 30ch > 30 – Certs. <30ch	**20**

Program Title	**Electronic Service and Repair (Cert H69)**

Action

 Continued with minor improvements

Improvements & Rationale for Action

The electronics curriculum has been re-evaluated and coordinated with the industrial technology area in order to increase enrollment and develop workers trained for the modern industrial workforce. Optional ISCET certification is planned to be implemented in 2012 as well as portfolio evaluation for graduates.

Principle Assessment Methods Used in Quality Assurance for this Program

 Certification and licensure examination results
 Portfolio evaluation
 Course embedded questions
 Student surveys
 Analysis of enrollment, demographic and cost data

Statewide Program Issues (if applicable)

Remedial course work is not currently funded by training programs. Most displaced workers entering the technology area for retraining are not prepared for college level work. The displaced worker must complete their program within two years which does not allow for remedial training to prepare them to successfully complete college-level coursework.

CAREER AND TECHNICAL EDUCATION PROGRAM REVIEW SUMMARY REPORT

***Required* ICCB Program Review Report**

Sauk Valley Community College **Academic Year 2011 - 2012**

Program Identification Information

6-digit CIP	470105

Degree Type 03 – AAS 20 – Certs. 30ch > 30 – Certs. <30ch	**30**

Program Title	**Industrial Electronics (Cert H65)**

Action

 Continued with minor improvements

Improvements & Rationale for Action

The electronics curriculum has been re-evaluated and coordinated with the industrial technology area in order to increase enrollment and develop workers trained for the modern industrial workforce. Optional ISCET certification is planned to be implemented in 2012 as well as portfolio evaluation for graduates.

Principle Assessment Methods Used in Quality Assurance for this Program

 Certification and licensure examination results
 Portfolio evaluation
 Course embedded questions
 Student surveys
 Analysis of enrollment, demographic and cost data

Statewide Program Issues (if applicable)

Remedial course work is not currently funded by training programs. Most displaced workers entering the technology area for retraining are not prepared for college level work. The displaced worker must complete their program within two years which does not allow for remedial training to prepare them to successfully complete college-level coursework.

PROGRAM REVIEW: Electronic Engineering Technology (065), Electronic Service and Repair (H69), Electronics: Industrial H64) & Industrial Maintenance Electrician (H94)

CAREER AND TECHNICAL EDUCATION PROGRAM REVIEW SUMMARY REPORT

***Required* ICCB Program Review Report**

Sauk Valley Community College **Academic Year 2011 - 2012**

Program Identification Information

6-digit CIP	470104

Degree Type 03 – AAS 20 – Certs. 30ch > 30 – Certs. <30ch	**30**

Program Title	**Microprocessor Maintenance (Cert H64)**

Action

□

□ Discontinued/Eliminated

□

Improvements & Rationale for Action

Employment opportunities no longer exist in the local area for the content of the certificate.

Principle Assessment Methods Used in Quality Assurance for this Program

□ Standardized assessments
□ Certification and licensure examination results
□ Writing samples
□ Portfolio evaluation
□ Course embedded questions
□ Student surveys
□ Analysis of enrollment, demographic and cost data
□ Other, please specify:

Statewide Program Issues (if applicable)

none

CAREER AND TECHNICAL EDUCATION PROGRAM REVIEW SUMMARY REPORT

***Required* ICCB Program Review Report**

Sauk Valley Community College **Academic Year 2011 - 2012**

Program Identification Information

6-digit CIP	470105

Degree Type 03 – AAS 20 – Certs. 30ch > 30 – Certs. <30ch	**20**

Program Title	**Industrial Maintenance Electrician (Cert H94)**

Action

□ Continued with minor improvements

Improvements & Rationale for Action

The electronics curriculum has been re-evaluated and coordinated with the industrial technology area in order to increase enrollment and develop workers trained for the modern industrial workforce. Optional ISCET certification is planned to be implemented in 2012 as well as portfolio evaluation for graduates.

Principle Assessment Methods Used in Quality Assurance for this Program

□ Certification and licensure examination results
□ Portfolio evaluation
□ Course embedded questions
□ Student surveys
□ Analysis of enrollment, demographic and cost data

Statewide Program Issues (if applicable)

Remedial course work is not currently funded by training programs. Most displaced workers entering the technology area for retraining are not prepared for college level work. The displaced worker must complete their program within two years which does not allow for remedial training to prepare them to successfully complete college-level coursework.

SIGNATURES and APPROVALS

NAMES AND SIGNATURES OF THE PROGRAM REVIEW TEAM Add lines if needed
Signatures indicate that team members concur with the findings of the program review

NAMES (Indicate chair/co-chairs) **SIGNATURES**

Steven McPherson (chair)

Christopher Carlson

Scott Gillihan

John Ditto

Nick Newcomer (student)

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; Date

Program Review Committee Co-Chair; Date

ADMINISTRATIVE APPROVALS

Administrative signatures indicate an acceptance of the program review

Dean

Academic Vice President

President