

**PHILLIPS COMMUNITY COLLEGE INSTRUCTION
ANNUAL REPORT**

Division of Applied Technology

December 2016

DIVISION MISSION STATEMENT (optional)

The PCCUA Division of Applied Technology will provide students with a diverse set of “reality-based” educational programs designed to enhance application-based skill sets that will be attractive to local and regional employers.

**Specific Initiatives and Strategies
In 2015-2016 Strategic Plan
And Level Of Accomplishment**

Priority Initiative in 2015-2016 Strategic Plan	Status
As part of the Arkansas Delta Training and Education Consortium (ADTEC) and the University of Arkansas Workforce Alliance (UAWA), submitted and received Workforce Initiative ACT of 2015 Planning Grant.	<ul style="list-style-type: none"> • Day welding classes were added for fall 2016 and will continue in spring 2017 • Workforce Training and Development Coordinator hired • CDL truck driving program implemented on Stuttgart campus
Continue to implement NCCER curriculum in some Advanced Manufacturing courses.	Ongoing. Core Curriculum and Level One are being implemented spring 2017.
Evaluate program/division outcomes and assessment results	Ongoing. Faculty analyzes outcomes and assessment results; develop action plans. Achieved a division outcome of 86 percent in 2015-16.
Offer more hybrid courses	Ongoing. Hybrid courses in Graphic Communications are being implemented in spring 2017.
Maintain division web page	Ongoing. Program coordinators work with faculty members on division updates.
Submitted the Combination of Advanced Manufacturing and Renewable Energy Technology Degrees into General Technology with Manufacturing Emphasis AAS Degree	Approved by ADHE in Fall 2016
Update software programs, textbooks and other sources of information and technology to provide state of the art instruction.	<ul style="list-style-type: none"> • Applied for Carl Perkins Grant to update Adobe Creative Suite software for spring 2017 • Added five new computers in Graphic Communications lab.
Work with local industries to meet customized training needs.	Conducted the first Industrial Council meeting to discuss manufacturing needs and inform them of new course offerings.

Provide a supportive environment for faculty that includes training and development opportunities.	<ul style="list-style-type: none"> • Graphic Communications instructor completed the following workshops in Summer 2016: • Adobe After Effects • Adobe Premiere
Promote recruitment and retention efforts on all three campus locations.	All Applied Technology Division have participated in career fairs, on campus tours for local area high schools, and five high school recruitment days.
Apply and evaluate course level and program assessment for continual improvement of student learning and success in Graphic Communications, General Technology, and Welding.	Ongoing. Faculty analyzes outcomes and assessment results; develop action plans. Achieved a division outcome of 92 percent in 2015-16.

SUMMATION OF 2015-2016 PLANNING ACTIVITIES

Evidence of planning by the Applied Technology Division is documented by the following:

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| <ol style="list-style-type: none"> 1. Division Meetings and Minutes 2. Instruction and Curriculum Meetings and Minutes 3. Annual Faculty Evaluation/Portfolio Reviews 4. Annual Division Summary Assessment Report 5. Program Reviews 6. Dean and Program Coordinators Meetings 7. Recruitment Activities 8. Email—used extensively to dispense information of interest to the division and for group discussion 9. Annual budget and Carl Perkins Grant Submissions |
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SUMMATION OF 2015-2016 CLASSROOM ASSESSMENT ACTIVITIES

<p>Faculty members in the Graphics, Advanced Manufacturing, Renewable Energy Technology, and Welding programs have implemented the assessment process and are monitoring the outcomes. At the end of each semester, faculty submits to the Division Dean an Assessment Results/Action Plan of all courses validating outcomes results and plans to address unmet competencies. These individual reports are combined into the division summary report which illustrates the achieved percentage outcomes for the five competencies for each degree program. Refer to Page 4 for an example of this report (Program and Division Averages for 2015-16). For examples of program outcomes, please refer to Pages 5-7. All degrees follow the same format.</p>

IMPROVEMENTS AND MODIFICATIONS AS A RESULT OF ASSESSMENT

<p>The division retention rate has improved as a result of assessment. Graphic Communications and Advanced Manufacturing departments are implementing hybrid courses to improve retention and enrollment.</p>

**SUMMATION OF 2015-2016 BUDGET ACTIVITIES IN REGARD TO PURCHASES
(EQUIPMENT, LEARNING AIDS, ETC.) AND ABILITY TO MEET INSTRUCTIONAL NEEDS**

Through grants and the institutional budget, the Division has been able to provide quality classroom instruction. Adequate supplies and equipment are available to meet instructional needs.

INITIATIVES & STRATEGIES TO INCLUDE IN THE 2016-2017 STRATEGIC PLAN

The Applied Technology department will:

1. Monitor the Arkansas Workforce Implementation 2016-17 Grant.
2. Expand and monitor the CDL truck driving program.
3. Evaluate and implement NCCER curriculum in some Advanced Manufacturing courses.
4. Evaluate and update assessment forms for General Technology AAS Degree.
5. Promote recruitment and retention efforts on all three campus locations.
6. Apply and evaluate course level and program assessment for continual improvement of student learning and success in Graphic Communications, General Technology, and Welding.
7. Ensure that all program of study sheets are revised to show sequence of courses, critical courses, and milestones.
8. Ensure that early intervention strategies are implemented within the first four weeks of the semesters.
9. Update software programs, textbooks and other sources of information and technology to provide state of the art instruction.
10. Maintain division web page.
11. Conduct Applied Tech Advisory Committee meetings.
12. Work with local industries to meet customized training needs.

Division of Applied Technology Core Competencies - Program and Division Averages 2015-2016

Graphic Communications Core Competencies	Fall 2015	Spring 2016
Student Retention Rate	95%	100%
Communication	0%	100%
Cultural Awareness	0%	100%
Social and Civic Responsibility	56%	88%
Analytical & Critical Thinking	40%	100%
Technology Utilization	82%	100%
Program Average	36%	98%

Adv. Manufacturing/RET Core Competencies	Fall 2015	Spring 2016
Student Retention Rate	74%	91%
Communication		
Cultural Awareness		
Social and Civic Responsibility	90%	90%
Analytical & Critical Thinking	100%	90%
Technology Utilization	83%	90%
Program Average	91%	90%

Welding Core Competencies	Fall 2015	Spring 2016
Student Retention Rate	86%	91%
Communication		88%
Cultural Awareness		88%
Social and Civic Responsibility	96%	88%
Analytical & Critical Thinking	100%	89%
Technology Utilization	87%	95%
Program Average	94%	90%

Division Core Competencies	Fall 2015	Spring 2016
Student Retention Rate	85%	94%
Communication	0%	94%
Cultural Awareness	0%	94%
Social and Civic Responsibility	81%	89%
Analytical & Critical Thinking	80%	93%
Technology Utilization	84%	95%
Division Average	74%	92%

<p>Division Criteria/Expected Outcome 70% of all Applied Technology Students will score 70% or higher on core Competencies</p>
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**Division of Applied Technology – AAS Advanced Manufacturing/RET Program
Program Outcome and Core Competencies - Assessment Results/Action Plan
Semester: Spring 2016**

Program Outcome	Assessment Method/Measurement	Fall 14	Sp 15	Fall 15	Sp 16
		To provide high quality advanced manufacturing courses/programs to prepare graduates with skills to enter the workforce in a mid-level manufacturing position.	85% of all advanced manufacturing students will achieve the core competencies by scoring 70% or higher on the required course assessment methods.	85%	100%
	85% of AAS students will score 70% or higher in the capstone course.	---	---	---	
Division Outcome	85% of all applied technology students will achieve the core competencies by scoring 70% or higher on the required course assessment methods.	74%	98%	74%	92%
Student Retention Rates		85%	100%	74%	91%

Upon completion of this program, students will be able to:

PCCUA Core Competency	Division Core Competency	Program Goals	Student Learning Outcome – Courses Assessed	Assessment Method/Measurement	Fall 14	Sp 15	Fall 15	Sp 16	ACTION PLANS
Communication	Students will demonstrate the ability to communicate effectively in their chosen discipline using visual and oral media	The interactive process through which there is an exchange of verbal and/or nonverbal information	IT 263, IT 1213, IT 233, RET 143	70% of students will score 70% or higher on the communication student learning outcomes for selected courses.	---	100	---	---	Emphasize importance of meeting deadlines Relate assignments to actual work scenarios
Cultural Awareness	Students will demonstrate ability to identify, analyze, and remediate problems critical to their chosen discipline	Students will acknowledge the diversity of groups and demonstrate toward ideas from others.	IT 263, IT 233, RET 143	70% of students will score 70% or higher on the Cultural Awareness student learning outcomes for selected courses.	---	---	---	---	Emphasize importance of meeting deadlines Relate assignments to actual work scenarios
Social and Civic Responsibility	Students will demonstrate knowledge of ethics and legal issues appropriate to their chosen discipline	Students will demonstrate knowledge of ethics and legal issues appropriate to their chosen discipline.	IT 1203, IT 1243, IT 1273, IN 114, IT 113, IT 214, IT 273, RET 103, RET 113, RET 124, T134, RET 143	70% of students will score 70% or higher on the Social and Civic Responsibility student learning outcomes for selected courses.	80	---	90	90	Emphasize importance of meeting deadlines Relate assignments to actual work scenarios
Analytical & Critical Thinking	Students will demonstrate ability to identify, analyze, and remediate problems critical to their chosen discipline	Students will demonstrate ability to identify, analyze, and remediate problems critical to their chosen discipline	IT 1233, IT 1253, IT 273, IT 113, RET 113, RET 124, RET 143	70% of students will score 70% or higher on the Critical Thinking student learning outcomes for selected courses.	---	100	100	90	Emphasize importance of meeting deadlines Relate assignments to actual work scenarios
Technology Utilization	Students will demonstrate ability to perform technical operations to their chosen discipline	Students will demonstrate ability to perform technical operations to their chosen discipline.	IT 163, IN 114, IT 113, IT 133, IT 233, IT 243, IT 253, IT 1203, IT 1213, IT 1233, IT 1223, IT1253, IT 1273, IT 1273, IT 1263, RET 103, RET 113, RET 124, RET 134, RET 143, AFLS 1203, AFLS 2103	70% of students will score 70% or higher on the Technology Utilization student learning outcomes for selected courses.	90	100	83	90	Emphasize importance of meeting deadlines Relate assignments to actual work scenarios

**Division of Applied Technology – AAS Graphic Communication Program
Program Outcome and Core Competencies - Assessment Results/Action Plan
Semester: Spring 2016**

Program Outcome	Assessment Method/Measurement	Action Plan				
		Fall 14	SP 15	Fall 15	Sp 16	
To provide high quality graphic communications courses/programs to prepare graduates with skills to enter the workforce in a mid-level design position.	85% of all Graphic Communication students will achieve the core competencies by scoring 70% or higher on the required course assessment methods.	55	97%	36%	98%	Emphasize importance of meeting deadlines Relate assignments to actual work scenarios
	85% of AAS students will score 70% or higher in the ART 262 – Art Seminar capstone course.	0	100%	0	100%	Emphasize importance of meeting deadlines Relate assignments to actual work scenarios
Division Outcome	85% of all applied technology students will achieve the core competencies by scoring 70% or higher on the required course assessment methods.	74%	98%	74%	92%	Emphasize importance of meeting deadlines Relate assignments to actual work scenarios
Student Retention Rates		88%	94%	95	100%	

Upon completion of this program, students will be able to

PCCUA Core Competency	Division Core Competency	Program Goals	Student Learning Outcome – Courses Assessed		Assessment Method/Measurement	Action Plan				
						Fall 14	SP 15	Fall 15	Sp 16	
Communication	Students will demonstrate the ability to communicate effectively in their chosen discipline using visual and oral media	Demonstrate listening, verbal, electronic, and/or presentation skills, essential for graphic design in a professional and appropriate manner.	ART 262	PR 114	75% of students will score 70% or higher on the communication student learning outcomes for selected courses.	43%	100%	0	100	Emphasize importance of meeting deadlines Relate assignments to actual work scenarios
Cultural Awareness	Students will demonstrate ability to identify, analyze, and remediate problems critical to their chosen discipline	Interact with diverse groups of people in the graphic design environment.	ART 262	PR 113	75% of students will score 70% or higher on the Cultural Awareness student learning outcomes for selected courses.	46%	100%	0	100	Emphasize importance of meeting deadlines Relate assignments to actual work scenarios
Social and Civic Responsibility	Students will demonstrate knowledge of ethics and legal issues appropriate to their chosen discipline	Understand and be able to apply the legal, ethical, political, and/or environmental concepts appropriate for the graphic design environment.	ART 262 PR 103 PR 113	PR 123 PR 164 NT 253	75% of students will score 70% or higher on the Social and Civic Responsibility student learning outcomes for selected courses.	55%	91%	56	88	Emphasize importance of meeting deadlines Relate assignments to actual work scenarios
Analytical & Critical Thinking	Students will demonstrate ability to identify, analyze, and remediate problems critical to their chosen discipline	Analyze, interpret, and evaluate data necessary to solve design problems and support graphic design decisions.	ART 133 ART 262 PR 103	PR 113 PR 123 PR 133 PR 143	75% of students will score 70% or higher on the Critical Thinking student learning outcomes for selected courses.	43%	97%	40	100	Emphasize importance of meeting deadlines Relate assignments to actual work scenarios
Technology Utilization	Students will demonstrate ability to perform technical operations to their chosen discipline	Demonstrate skills in graphic communications software and other technology skills needed to perform in the graphic design environment.	ART 133 ART 143 AR 262 PR 103 PR 113 PR 114	PR 123 PR 133 PR 143 PR 164 PR 224 NT 253 NT 273	75% of students will score 70% or higher on the Technology Utilization student learning outcomes for selected courses.	90%	97%	82	100	Emphasize importance of meeting deadlines Relate assignments to actual work scenarios

Division of Applied Technology – TC Welding Program
Program Outcome and Core Competencies - Assessment Results/Action Plan
Semester: Spring 2016

Program Outcome	Assessment Method/Measurement	Semester Results				Action Plan
		Fall 14	SP 15	Fall 15	Sp 16	
To provide high quality advanced manufacturing courses/programs to prepare graduates with skills to enter the workforce in a mid-level manufacturing position.	85% of all welding students will achieve the core competencies by scoring 70% or higher on the required course assessment methods.	90	96	94	90	
	85% of AAS students will score 70% or higher in the capstone course.	-----	-----	-----	-----	
Division Outcome	85% of all applied technology students will achieve the core competencies by scoring 70% or higher on the required course assessment methods.	78	98	74	92	
Student Retention Rates		85	88	86	91	

Upon completion of this program, students will be able to:

PCCUA Core Competency	Division Core Competency	Program Goals	Student Learning Outcome – Courses Assessed	Assessment Method/Measurement	Semester Results				Action Plans
					Fall 14	SP 15	Fall 15	Sp 16	
Communication	Students will demonstrate the ability to communicate effectively in their chosen discipline using visual and oral media	The interactive process through which there is an exchange of verbal and/or nonverbal information	WG 133	70% of students will score 70% or higher on the communication student learning outcomes for selected courses.	100	90	-----	88	none
Cultural Awareness	Students will demonstrate ability to identify, analyze, and remediate problems critical to their chosen discipline	Students will acknowledge the diversity of groups and demonstrate toward ideas from others.	WG 133	70% of students will score 70% or higher on the Cultural Awareness student learning outcomes for selected courses.	100	90	-----	88	none
Social and Civic Responsibility	Students will demonstrate knowledge of ethics and legal issues appropriate to their chosen discipline	Students will demonstrate knowledge of ethics and legal issues appropriate to their chosen discipline.	WG 133 WG 115, WG 125	70% of students will score 70% or higher on the Social and Civic Responsibility student learning outcomes for selected courses.	95	98	96	88	none
Critical Thinking	Students will demonstrate ability to identify, analyze, and remediate problems critical to their chosen discipline	Students will demonstrate ability to identify, analyze, and remediate problems critical to their chosen discipline	WG 115	70% of students will score 70% or higher on the Critical Thinking student learning outcomes for selected courses.	88	100	100	89	none
Technology Utilization	Students will demonstrate ability to perform technical operations to their chosen discipline	Students will demonstrate ability to perform technical operations to their chosen discipline.	WG 115, WG 125, WG 135, WG 145, WG 155, WG 165,	70% of students will score 70% or higher on the Technology Utilization student learning outcomes for selected courses.	92	100	87	95	none