Automated Packaging Systems Technician

Wisconsin Indianhead Technical College

32-454-1 Two-Year Technical Degree

2018

Program Review

ACADEMIC PROGRAM REVIEW PROFILE

Program Number & Name: Automated Packaging Systems Technician 32-454-1		
Program Academic or Assistant Dean	**Title and Location**	**Phone and e-mail**
Nancy Cerritos	Divisional Dean, Technology and Industry	715-928-1135 nancy.cerritos@witc.edu
Team Lead(s)	**Title and Location**	**Phone and e-mail**
Example: *Bill Smith*	*Welding Faculty Member* *New Richmond*	*Ext. 9999* *bill.smith@witc.edu*
Joe Krear	Packaging Instructor, New Richmond	ext: 4354 joe.krear@witc.edu
Charles Christensen	Packaging Instructor, New Richmond	ext. 4275 charles.christensen@witc.edu
Team Members	**Title and Location**	**Phone and e-mail**
Jamie Bratsch	Advisory committee member, Hudson	715-441-9938 Jamie.Bratsch@copperbrook.net
Steve Volkert	Advisory Committee member, New Richmond	Steven.Volkert@bosch.com
Brian Vrtis	Counselor, New Richmond	brian.vrtis@witc.edu
Bill White	Machine Tool Instructor, New Richmond	William.white@witc.edu ext. 4277
Rose Cibulka	Automation for Industrial Systems Instructor, New Richmond	rose.Cibulka@witc.edu ext.4273
Sarah Noreen	General Studies Instructor, New Richmond	Sarah.noreen@witc.edu ext.4348

Tim Adams	packaging Student	adamstm@my.witc.edu

**If you have more than 8 team members, right click the within the member table above and choose insert row above or below.

Self-Study Areas:

Required Elements: Analysis of trends from Program Effectiveness Data Profile, Analysis of results of previous program improvement plans, Progress/results of TSA (including program & employability essentials)	

Choose from a minimum of 2 of the following other areas to study	☐ Academic Advising
	☐ Accreditation/National or State Standards, Regulations, Compliance
	☑ Advisory Committees
	☐ Assessment of Student Learning
	☐ Budgeting Efficiencies/Costs per FTE
	☑ Career Outlook/Future Occupational Trends
	☐ Career Pathways
	☑ Collaboration/Partnerships
	☐ Curriculum Currency/modifications
	☐ Delivery Methods/Distribution of Offerings/Scheduling
	☐ Dual Enrollment
	☐ Equipment
	☐ Facilities
	☐ Faculty Credentialing/Development Needs
	☐ Online/Technology
	☐ Recruitment
	☐ Other _____

Program Information:

Capacity (new students admitted/year):	16	
Number of Faculty:	FT: 2	PT: 0
Statewide Curriculum:	Yes? ☐	No? ☑

Program Accredited by:

Date of Last Accreditation	N/A
Date of Next Accreditation	
Is a visit required? If so, when is the next visit?	

Program Licensed by: | N/A

Date of Last Licensing:	

Date of Next Licensing:	
Is a visit required? If so, when is the next visit?	
Please list other program and individual association and organizational memberships:	
PMMI	Packaging Machinery Manufacturers Institute
IOPP	Institute of Packaging Professionals

SELF-STUDY CATEGORY RESULTS

Program and Category	
Program: Automated Packaging Systems Technician	
Category: Analysis of Trends from Program Data Profile	
Resources Contact(s) for this Category:	
Strengths	**Opportunities**
Good retention (90%)	Most retention issues are in the first year.
Technical Course Completion (100%)	Enrollments are trending down.
General Studies Course Completion 100%)	

**If you have more than 8 strengths and opportunities, right click the within the table above and choose insert row above or below.

What items in this category MUST be addressed on our improvement plan?	Enrollments are trending down.
What items in this category MIGHT be addressed on the improvement plan?	Most retention issues are in the first year.

Team Rating
Please indicate by an (**X**) the team rating of your program on this category.

All areas need improvement	*Some areas meet expectations, but most areas need improvement*	*All areas meet expectations —few areas need improvement*	*Exemplary—all areas exceed expectations—use as a model for other programs*
☐	☐	☑	☐
Additional Comments: (optional)			

SELF-STUDY CATEGORY RESULTS

Program and Category
Program: Automated Packaging Systems Technician
Category: Analysis of results of previous program improvement plans
Resources Contact(s) for this Category:

Strengths	Opportunities
TSA Phase 2 completed; Phase 3 implemented.	More work on Blackboard.
Inclusion of general studies faculty and student services staff at advisory committee meetings.	Expand membership of committee and possibly include pharmaceutical/medical and food industries.
Graduates have a multitude of career paths-expands opportunities for them.	Graduates have a multitude of career paths. Those outside of the program are unaware of those opportunities.
Average of 77.56% degree attainment.	
Created embedded technical diploma.	

**If you have more than 8 strengths and opportunities, right click the within the table above and choose insert row above or below.

What items in this category MUST be addressed on our improvement plan?	More work on Blackboard. Expand membership of committee and possibly include pharmaceutical/medical and food industries.
What items in this category MIGHT be addressed on the improvement plan?	Graduates have a multitude of career paths. Those outside of the program are unaware of those opportunities.

Team Rating

Please indicate by an (**X**) the team rating of your program on this category.

All areas need improvement	*Some areas meet expectations, but most areas need improvement*	*All areas meet expectations —few areas need improvement*	*Exemplary—all areas exceed expectations—use as a model for other programs*
☐	☐	☑	☐

Additional Comments: (optional)

SELF-STUDY CATEGORY RESULTS

Program and Category
Program: Automated Packaging Systems Technician
Category: Progress/results of TSA (includes program outcomes and Employability Essentials)
Resources Contact(s) for this Category:

Strengths	Opportunities
Have been reporting TSA assessments for two years.	No assessment strategies for Employability Essentials.
Packaging is a unique program making it easy to change program outcomes as needed.	

** If you have more than 8 strengths and opportunities, right click the within the table above and choose insert row above or below.	
What items in this category MUST be addressed on our improvement plan?	
What items in this category MIGHT be addressed on the improvement plan?	No assessment strategies for Employability Essentials.

Team Rating
Please indicate by an (**X**) the team rating of your program on this category.

All areas need improvement	Some areas meet expectations, but most areas need improvement	All areas meet expectations —few areas need improvement	*Exemplary*—all areas exceed expectations—use as a model for other programs
☐	☐	☐	☑
Additional Comments: (optional)			

SELF-STUDY CATEGORY RESULTS

Program and Category
Program: Automated Packaging Systems Technician
Category: Advisory Committees
Resources Contact(s) for this Category:

Strengths	Opportunities
It's an active advisory committee.	Better representation of all career path opportunities.

General studies faculty and student services staff attend the meetings.	
Students attend the meetings.	

**If you have more than 8 strengths and opportunities, ight click the within the table above and choose insert row above or below.

What items in this category MUST be addressed on our improvement plan?	Better representation of all career path opportunities.
What items in this category MIGHT be addressed on the improvement plan?	

Team Rating
Please indicate by an (**X**) the team rating of your program on this category.

All areas need improvement	*Some areas meet expectations, but most areas need improvement*	*All areas meet expectations —few areas need improvement*	*Exemplary—all areas exceed expectations—use as a model for other programs*
☐	☐	☑	☐

Additional Comments: (optional)

SELF-STUDY CATEGORY RESULTS

Program and Category
Program: Automated Packaging Systems Technician
Category: Career Outlook/Future Occupational Trends
Resources Contact(s) for this Category:

Strengths	Opportunities
Preparing students for the work trends of the future.	Not everyone knows of the different career paths that are available to graduates of the Auto Packaging program.
Growing need for mechanical skills in the industry.	
Heavy emphasis on mechanical skills in the packaging program.	
Work on real machines.	

**If you have more than 8 strengths and opportunities, please see SPOL instructions for adding rows.

What items in this category MUST be	Not everyone knows of the different career paths that are available to graduates of the Auto Packaging program.

addressed on our improvement plan?	
What items in this category MIGHT be addressed on the improvement plan?	

Team Rating
Please indicate by an (**X**) the team rating of your program on this category.

All areas need improvement	*Some areas meet expectations, but most areas need improvement*	*All areas meet expectations —few areas need improvement*	*Exemplary—all areas exceed expectations—use as a model for other programs*
☐	☐	☑	☐
Additional Comments: (optional)			

SELF-STUDY CATEGORY RESULTS

Program and Category
Program: Automated Packaging Systems Technician
Category: Collaboration/Partnerships
Resources Contact(s) for this Category:

Strengths	Opportunities
Bosch Apprenticeship	Partner with more businesses/industry for tuition reimbursement agreements/scholarships.
Partnership with continuing education for Mechatronics Basics embedded technical diploma.	
Welding for Mechanics articulation agreements with a number of high schools.	
Field trips to relevant industry partners.	
Pack Expo and Minn Pack trips.	
Campus visits from industry partners.	
Networking opportunities through IoPP.	
**If you have more than 8 strenghts and opportunities, please see SPOL instructions for adding rows.	
What items in this category MUST be addressed on our improvement plan?	Partner with more businesses/industry for tuition reimbursement agreements/scholarships.

What items in this category MIGHT be addressed on the improvement plan?	

Team Rating			
Please indicate by an (**X**) the team rating of your program on this category.			
All areas need improvement	*Some areas meet expectations, but most areas need improvement*	*All areas meet expectations —few areas need improvement*	*Exemplary—all areas exceed expectations—use as a model for other programs*
☐	☐	☑	☐
Additional Comments: (optional)			

ACADEMIC PROGRAM IMPROVEMENT PLAN

PROGRAM:	Automated Packaging Systems Technician
Defined Outcome	Increase enrollment by 10% or two students
Metric (How will you measure whether or not the outcome has been attained successfully?)*Enter answer below*	
Increase total program enrollment from 27-29	

Action Plan/Action Items & Person(s) Responsible: *Example: 1) Action Item #1 (Damian VonFrank, Ted May)*	Timeline & Resources: *Example: 1) Fall 2018 – Need IT time to implement*
Implement block scheduling of courses to better accommodate part time and industry students- Instructors and Dean responsibility	Fall 2019 implement
Create a 3 year checklist to accommodate part time students and ensure correct sequencing of courses- Instructors and Dean	complete in Spring 2019
Add Industry4.0 and IIoT components and competencies to existing courses to update the program, purchasing necessary equipment through grants and planning process	Complete by Fall 2020
Increase awareness of the three career paths to attract a wider demographic by adding to web page and marketing materials- Marketing, web team ,Dean and instructors	Complete by Spring 2020
**If you have more than 8 action items, right click the within the table above and choose insert row above or below.	

Note: (A mid-year and year-end update will be required each year during implementation.)
Implementation Update (June 30, 2019):

☐	**Met (include metric result)**	
☐	**Partially Met (include metric)**	
☑	**Not Met (include metric)**	Do not have 2019 data as of yet

Divisional Dean Comments:

We don't yet have data yet, but have implemented block scheduling and are working to complete three year checklist so are on target with our action items

VP, Academic Affairs Comments:

Implementation Update (January 31, 2020):

☐	**Met (include metric result)**	
☐	**Partially Met (include metric)**	
☑	**Not Met (include metric)**	We currently have 3 less students than last year.

Divisional Dean Comments:

We have met or are working on all of the other action items in this plan. the curriculum work and instructor training will take place this semester and will be implemented in the fall of 2020.

VP, Academic Affairs Comments:

Implementation Update (June 30, 2020):

☐	**Met (include metric result)**	
☐	**Partially Met (include metric)**	
☐	**Not Met (include metric)**	

Divisional Dean Comments:

"Effective March 25, 2020, Wisconsin Governor Evers directed a safer-at-home directive due to the Covid-19 pandemic. Under this order, all WITC Spring 2020 classes were delayed, cancelled or moved to an alternative delivery method. Due to the many required hours instructors and staff spent moving curriculum to alternate delivery modes, college leadership held requirement of the 6-month academic program review updates due June 1, 2020. Program review updates will next be required of this program in January 2021."

VP, Academic Affairs Comments:

Implementation Update (January 31, 2021):

☐ **Met (include metric result)**	
☐ **Partially Met (include metric)**	
☐ **Not Met (include metric)**	

Divisional Dean Comments:

VP, Academic Affairs Comments:

Implementation Update (June 30, 2021):

☐ **Met (include metric result)**	
☐ **Partially Met (include metric)**	
☐ **Not Met (include metric)**	

Divisional Dean Comments:

VP, Academic Affairs Comments:

Implementation Update (January 31, 2022):

☐ **Met (include metric result)**	
☐ **Partially Met (include metric)**	
☐ **Not Met (include metric)**	

Divisional Dean Comments:

VP, Academic Affairs Comments:

Implementation Update (June 30, 2022):

☐ **Met (include metric result)**	
☐ **Partially Met (include metric)**	
☐ **Not Met (include metric)**	

Divisional Dean Comments:

VP, Academic Affairs Comments:

Implementation Update (January 31, 2023):

☐ **Met (include metric result)**	
☐ **Partially Met (include metric)**	
☐ **Not Met (include metric)**	

Divisional Dean Comments:

VP, Academic Affairs Comments:

ACADEMIC PROGRAM IMPROVEMENT PLAN

PROGRAM:	**Automated Packaging Systems Technician**	
Defined Outcome	Better representation of career paths on the Advisory committee by adding members from pharmaceutical/medical and food industries	
Metric (How will you measure whether or not the outcome has been attained successfully?)*Enter answer below*		
Increased membership by 2-3 from the listed industries		
Action Plan/Action Items & Person(s) Responsible: *Example: 1) Action Item #1 (Damian VonFrank, Ted May)*		**Timeline & Resources:** *Example: 1) Fall 2018 – Need IT time to implement*
connect with managers and employees in the above listed industries(instructors)		Fall 2019
Invite them to visit campus and program(Instructors)		Fall 2019

Invite them to advisory committee meeting (Instructors)	Fall 2019

**If you have more than 8 action items, right click the within the table above and choose insert row above or below..

Note: (A mid-year and year-end update will be required each year during implementation.)
Implementation Update (June 30, 2019):
Instructions: Enter update text in box below, check a box below, and enter metric and results

☐ **Met (include metric result)**	
☑ **Partially Met (include metric)**	we are still looking for a representative from either the food or pharmaceutical industry
☐ **Not Met (include metric)**	

Divisional Dean Comments:

We have invited several new members but will not know until after our fall advisory committee whether or not they are willing to commit to being advisory committee members

VP, Academic Affairs Comments:

Implementation Update (January 31, 2020):

☐ **Met (include metric result)**	
☑ **Partially Met (include metric)**	We added two new members to the advisory committee and are continuing to look at others. We have had a number of companies visit us during the fall term.
☐ **Not Met (include metric)**	

Divisional Dean Comments:

there continues to be more job openings than graduates- we will continue working on ways to better recruit students.

VP, Academic Affairs Comments:

Implementation Update (June 30, 2020):

☐ **Met (include metric result)**	
☐ **Partially Met (include metric)**	
☐ **Not Met (include metric)**	

Divisional Dean Comments:

"Effective March 25, 2020, Wisconsin Governor Evers directed a safer-at-home directive due to the Covid-19 pandemic. Under this order, all WITC Spring 2020 classes were delayed, cancelled or moved to an alternative delivery method. Due to the many required hours instructors and staff spent moving curriculum to alternate delivery modes, college leadership held requirement of the 6-month academic program review updates due June 1, 2020. Program review updates will next be required of this program in January 2021."

VP, Academic Affairs Comments:

Implementation Update (January 31, 2021):

☐ **Met (include metric result)**	
☐ **Partially Met (include metric)**	
☐ **Not Met (include metric)**	

Divisional Dean Comments:

VP, Academic Affairs Comments:

Implementation Update (June 30, 2021):

☐ **Met (include metric result)**	
☐ **Partially Met (include metric)**	
☐ **Not Met (include metric)**	

Divisional Dean Comments:

VP, Academic Affairs Comments:

Implementation Update (January 31, 2022):

☐ **Met (include metric result)**	
☐ **Partially Met (include metric)**	
☐ **Not Met (include metric)**	

Divisional Dean Comments:

VP, Academic Affairs Comments:

Implementation Update (June 30, 2022):

☐ Met (include metric result)	
☐ Partially Met (include metric)	
☐ Not Met (include metric)	

Divisional Dean Comments:

VP, Academic Affairs Comments:

Implementation Update (January 31, 2023):

☐ Met (include metric result)	
☐ Partially Met (include metric)	
☐ Not Met (include metric)	

Divisional Dean Comments:

VP, Academic Affairs Comments: