



**32-454-1 AUTOMATED PACKAGING SYSTEMS TECHNICIAN
2017-18 PROGRAM CURRICULUM CHECKLIST
WISCONSIN INDIANHEAD TECHNICAL COLLEGE
NEW RICHMOND**



Name/ID _____

Date _____

CATALOG NUMBER	COURSE TITLE	HOURS PER WEEK		CREDITS		MECHATRONICS BASICS TECHNICAL DIPLOMA	AUTOMATED PACKAGING SYSTEMS TECHNICIAN TECHNICAL DIPLOMA (Financial Aid Eligible)
						(30-454-1)	
FIRST TERM							
32-414-335	DC Electricity	6	hours per week	3	credits	Mechatronics Basics	Automated Packaging Systems Technician
32-449-305	General Safety	2	hours per week	1	credit	Mechatronics Basics	Automated Packaging Systems Technician
32-454-340	Packaging Machine Maintenance Corequisite: 32-449-305 General Safety	6	hours per week	3	credits		Automated Packaging Systems Technician
32-454-341	Fluid Power Systems Corequisite: 32-449-305 General Safety	6	hours per week	3	credits	Mechatronics Basics	Automated Packaging Systems Technician
32-454-344	Schematics, Prints, and Layouts Corequisites: 32-449-305 General Safety and 32-454-340 Packaging Machine Maintenance	3	hours per week	2	credits		Automated Packaging Systems Technician
32-454-362	Processes of Manufacturing - Packaging Corequisite: 32-449-305 General Safety	4	hours per week	2	credits		Automated Packaging Systems Technician
32-804-355	Math 355 Prerequisite: Established score on placement assessment or Corequisite: 76-854-750 Math Foundations for Trades	5	hours per week	3	credits		Automated Packaging Systems Technician
32-890-305	Applied Information Resources	3	hours per week	2	credits		Automated Packaging Systems Technician
	FIRST TERM TOTAL					7 Credits Mechatronics Basics	19 Credits Automated Packaging Systems Technician
SECOND TERM							
32-414-336	AC Electricity Prerequisite: 32-414-335 DC Electricity	6	hours per week	3	credits	Mechatronics Basics	Automated Packaging Systems Technician
32-420-314	Basic Machine Shop	5	hours per week	3	credits		Automated Packaging Systems Technician
32-454-345	Packaging Systems Equipment Control Prerequisites: 32-449-305 General Safety and 32-414-335 DC Electricity	6	hours per week	3	credits	Mechatronics Basics	Automated Packaging Systems Technician
32-454-357	Power Transmission Componentry Corequisite: 32-454-345 Packaging Systems Equipment and Control	4	hours per week	2	credits	Mechatronics Basics	Automated Packaging Systems Technician
32-801-361	Applied Communications 1 Prerequisite: Established score on placement assessment or Corequisite: 76-851-750 Writing Foundations for Trades	3	hours per week	2	credits		Automated Packaging Systems Technician
32-804-364	Math 364 Prerequisite: 32-804-355 Math 355	4	hours per week	2	credits		Automated Packaging Systems Technician
	SECOND TERM TOTAL					8 Credits Mechatronics Basics	15 Credits Automated Packaging Systems Technician

All prerequisite/corequisite courses must be completed with a grade point of 2.0 or better.

Revised 10/24/2018



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CATALOG NUMBER	COURSE TITLE	HOURS PER WEEK		CREDITS		MECHATRONICS BASICS TECHNICAL DIPLOMA	AUTOMATED PACKAGING SYSTEMS TECHNICIAN TECHNICAL DIPLOMA (Financial Aid Eligible)
						(30-454-1)	
THIRD TERM							
32-150-300 or 10-150-139	Applied IT Basics or IT Essentials	3	hours per week	2	credits		Automated Packaging Systems Technician
32-414-380	Basic PLCs Prerequisite: 32-454-345 Packaging Systems Equipment Control	6	hours per week	3	credits		Automated Packaging Systems Technician
32-442-307	Welding for Mechanics	3	hours per week	2	credits		Automated Packaging Systems Technician
32-454-347	Electromechanical Componentry Prerequisite: 32-454-345 Packaging Systems Equipment Control	8	hours per week	4	credits		Automated Packaging Systems Technician
32-454-366	Introduction to Robotics	4	hours per week	2	credits		Automated Packaging Systems Technician
32-809-371	Applied Interpersonal Skills*	3	hours per week	2	credits		Automated Packaging Systems Technician
	THIRD TERM TOTAL						15 Credits Automated Packaging Systems Technician
FOURTH TERM							
32-454-343	Packaging Machine Rebuilding Prerequisite: 32-454-347 Electromechanical Componentry	10	hours per week	5	credits		Automated Packaging Systems Technician
32-454-348	Troubleshooting Prerequisite: 32-454-347 Electromechanical Componentry	4	hours per week	2	credits		Automated Packaging Systems Technician
32-454-349	Installation of Packaging Machines Prerequisite: 32-454-347 Electromechanical Componentry	10	hours per week	5	credits		Automated Packaging Systems Technician
32-454-359	Packaging Materials/Processes Prerequisite: 32-454-347 Electromechanical Componentry	4	hours per week	2	credits		Automated Packaging Systems Technician
32-454-364	Motion Controls Prerequisite: 32-454-347 Electromechanical Componentry	4	hours per week	2	credits		Automated Packaging Systems Technician
32-801-362	Advanced Communications Skills* Prerequisite: 32-801-361 Applied Communications 1	3	hours per week	2	credits		Automated Packaging Systems Technician
	FOURTH TERM TOTAL						18 Credits Automated Packaging Systems Technician
	PROGRAM REQUIREMENTS					15 Credits Mechatronics Basics	67 Credits Automated Packaging Systems Technician

Please be advised that low enrollment class sections may be cancelled. You will be contacted by Student Services with information on other class sections available in alternate formats.
GRADUATION REQUIREMENTS: Although your academic advisor can provide guidance, you are ultimately responsible for selecting courses that meet a program's graduation requirements. If you do not take courses in the recommended sequence above, it may delay your completion of graduation requirements. A program plan GPA of 2.0 in a 4.0 grade system is required to graduate.
EARN CREDIT FOR WHAT YOU ALREADY KNOW: Visit <http://www.witc.edu/academics/transfer/priorlearn.htm> for more information

*General Studies course title changes have been made for the 2018-2019 academic year. The courses impacted by these title changes include: 32-801-363 Applied Communications 2 title has been modified to 32-801-362 Advanced Communication Skills, 32-809-371 Applied Human Relations title has been modified to 32-809-380 Applied Interpersonal Skills

All prerequisite/corequisite courses must be completed with a grade point of 2.0 or better.

Revised 10/24/2018