



32-454-1 AUTOMATED PACKAGING SYSTEMS TECHNICIAN
30-454-1 MECHATRONICS BASICS (MOBILE SITE AND WITC-RICE LAKE)
2018-19 PROGRAM CURRICULUM CHECKLIST
WISCONSIN INDIANHEAD TECHNICAL COLLEGE (WITC)
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)	DATE COMPLETED	TRANSFER OR GRADE
FIRST TERM									
32-150-300	Applied IT Basics	3	hours per week	2	credits		Automated Packaging Systems Technician		
32-414-335	DC Electricity	6	hours per week	3	credits	Mechatronics Basics	Automated Packaging Systems Technician		
32-454-340	Packaging Machine Maintenance	6	hours per week	3	credits		Automated Packaging Systems Technician		
32-454-341	Fluid Power Systems	6	hours per week	3	credits	Mechatronics Basics	Automated Packaging Systems Technician		
32-454-344	Schematics, Prints, and Layouts Corequisites: 32-454-340 Packaging Machine Maintenance	3	hours per week	2	credits		Automated Packaging Systems Technician		
32-454-362	Processes of Manufacturing - Packaging	4	hours per week	2	credits		Automated Packaging Systems Technician		
32-804-325	Applied Technical Math 1 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		
	FIRST TERM TOTAL					6 Credits Mechatronics Basics	18 Credits Automated Packaging Systems Technician		



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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 Prerequisite: 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 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		
32-804-334	Applied Technical Math 2 Prerequisite: 32-804-325 Applied Technical Math 1	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 10/26/2018



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THIRD TERM									
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		
32-809-380	Applied Interpersonal Skills	3	hours per week	2	credits		Automated Packaging Systems Technician		
	THIRD TERM TOTAL						13 Credits Automated Packaging Systems Technician		

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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 Prerequisites: 32-454-347 Electromechanical Componentry and 32-414-380 Basic PLCs	4	hours per week	2	credits		Automated Packaging Systems Technician		
32-801-362	Advanced Communication Skills Prerequisite: 32-801-361 Applied Communications	3	hours per week	2	credits		Automated Packaging Systems Technician		
	FOURTH TERM TOTAL						18 Credits Automated Packaging Systems Technician		
	PROGRAM REQUIREMENTS					14 Credits Mechatronics Basics	64 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