



32-454-1 AUTOMATED PACKAGING SYSTEMS TECHNICIAN
30-454-1 MECHATRONICS BASICS (MOBILE SITE AND WITC-RICE LAKE)
2019-20 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 | 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 | 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 | | |



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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 | 4 | 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 | | |

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

Revised 3/12/2020



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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