



Name/ID

Date AUTOMATED PACKAGING DATE SYSTEMS TECHNICIAN CATALOG HOURS PER MECHATRONICS BASICS TRANSFER CREDITS сом-COURSE TITLE WEEK **TECHNICAL DIPLOMA** OR GRADE NUMBER **TECHNICAL DIPLOMA** PLETED (Financial Aid Eligible) FIRST TERM 32150300 Applied IT Basics Automated Packaging Systems 4 hours per week 2 credits Technician 32414335 Mechatronics Basics Automated Packaging Systems DC Electricity 3 credits 6 hours per week Technician Fluid Power Systems 32454341 3 credits Mechatronics Basics Automated Packaging Systems 6 hours per week Technician 32454344 Schematics, Prints, and Layouts Automated Packaging Systems 4 hours per week 2 credits Technician Corequisites: 32454340 Packaging Machine Maintenance 32454362 Processes of Manufacturing - Packaging Automated Packaging Systems 2 credits 4 hours per week Technician FIRST TERM TOTAL 24 hours per week 6 Credits 12 Credits Mechatronics Basics Automated Packaging Systems Technician SECOND TERM Automated Packaging Systems 32414336 AC Electricity Mechatronics Basics 6 hours per week 3 credits Technician Prerequisite: 32414335 DC Electricity 32420314 Basic Machine Shop 3 credits Automated Packaging Systems 6 hours per week Technician Mechatronics Basics Automated Packaging Systems 32454345 Packaging Systems Equipment Control 6 hours per week 3 credits Technician Prerequisite: 32414335 DC Electricity SECOND TERM TOTAL 6 Credits 9 Credits 18 hours per week Mechatronics Basics Automated Packaging Systems Technician





| COURSE TITLE  | HOURS PER<br>WEEK  | CREDITS  | MECHATRONICS BASICS<br>TECHNICAL DIPLOMA  | AUTOMATED PACKAGING<br>SYSTEMS TECHNICIAN<br>TECHNICAL DIPLOMA<br>(Financial Aid Eligible)   | DATE<br>COM-<br>PLETED  | TRANSFER<br>OR GRADE   |
|---|--|--|---|--|---|--|
| THIRD TERM  |  |  |   |  |   |  |
| Packaging Machine Maintenance   | 6 hours per week   | 3 credits  |   | Automated Packaging Systems<br>Technician  |   |  |
| Electromechanical Componentry<br>Prerequisite: 32454345 Packaging Systems Equipment Control | 8 hours per week   | 4 credits  |   | Automated Packaging Systems<br>Technician  |   |  |
| Applied Technical Math 1  | 6 hours per week   | 3 credits  |   | Automated Packaging Systems<br>Technician  |   |  |
| THIRD TERM TOTAL  | 19 hours per week  |  |   | 10 Credits<br>Automated Packaging Systems<br>Technician  |   |  |
| FOURTH TERM   |  |  |   |  |   |  |
| Packaging Machine Rebuilding<br>Prerequisite: 32454347 Electromechanical Componentry        | 10 hours per week  | 5 credits  |   | Automated Packaging Systems<br>Technician  |   |  |
| Power Transmission Componentry<br>Corequisite: 32454345 Packaging Systems Equipment Control | 4 hours per week   | 2 credits  | Mechatronics Basics   | Automated Packaging Systems<br>Technician  |   |  |
| Applied Communications  | 4 hours per week   | 2 credits  |   | Automated Packaging Systems<br>Technician  |   |  |
| Applied Technical Math 2<br>Prerequisite: 32804325 Applied Technical Math 1                 | 4 hours per week   | 2 credits  |   | Automated Packaging Systems<br>Technician  |   |  |
| FOURTH TERM TOTAL   | 21 hours per week  |  | 2 Credits<br>Mechatronics Basics  | 11 Credits<br>Automated Packaging Systems<br>Technician  |   |  |
|   | THIRD TERM   Packaging Machine Maintenance   Electromechanical Componentry   Prerequisite: 32454345 Packaging Systems Equipment Control   Applied Technical Math 1   THIRD TERM TOTAL   Packaging Machine Rebuilding   Prerequisite: 32454347 Electromechanical Componentry   Power Transmission Componentry   Corequisite: 32454345 Packaging Systems Equipment Control   Applied Communications   Applied Technical Math 2   Prerequisite: 32804325 Applied Technical Math 1 | COURSE TITLEWEEKTHIRD TERM-Packaging Machine Maintenance6 hours per weekPackaging Machine Maintenance6 hours per weekElectromechanical Componentry<br>Prerequisite: 32454345 Packaging Systems Equipment Control8 hours per weekApplied Technical Math 16 hours per weekTHIRD TERM TOTAL19 hours per weekPackaging Machine Rebuilding<br>Prerequisite: 32454347 Electromechanical Componentry<br>Power Transmission Componentry<br>Corequisite: 32454345 Packaging Systems Equipment Control10 hours per weekApplied Communications4 hours per weekApplied Technical Math 2<br>Prerequisite: 32804325 Applied Technical Math 14 hours per week | COURSE TITLEWEEKCREDITSTHIRD TERMIPackaging Machine Maintenance6 hours per week3 creditsElectromechanical Componentry<br>Prerequisite: 32454345 Packaging Systems Equipment Control8 hours per week4 creditsApplied Technical Math 16 hours per week3 creditsTHIRD TERM TOTAL19 hours per week3 creditsPackaging Machine Rebuilding<br>Prerequisite: 32454347 Electromechanical Componentry10 hours per week5 creditsPower Transmission Componentry<br>Corequisite: 32454345 Packaging Systems Equipment Control4 hours per week2 creditsApplied Communications4 hours per week2 credits2 creditsApplied Technical Math 2<br>Prerequisite: 32804325 Applied Technical Math 14 hours per week2 credits | COURSE TITLEWEEKCREDITSTECHNICAL DIPLOMATHIRD TERMIIPackaging Machine Maintenance6 hours per week3 creditsPackaging Machine Maintenance6 hours per week3 creditsElectromechanical Componentry<br>Prerequisite: 32454345 Packaging Systems Equipment Control8 hours per week4 creditsApplied Technical Math 16 hours per week3 creditsTHIRD TERM TOTAL19 hours per week3 creditsPackaging Machine Rebuilding<br>Prerequisite: 32454347 Electromechanical Componentry<br>Corequisite: 32454345 Packaging Systems Equipment Control10 hours per week5 creditsPower Transmission Componentry<br>Corequisite: 32454345 Packaging Systems Equipment Control4 hours per week2 creditsApplied Communications4 hours per week2 creditsApplied Technical Math 2<br>Prerequisite: 32804325 Applied Technical Math 14 hours per week2 creditsFOURTH TERM TOTAL21 hours per week2 credits | COURSE TITLEHOURS PER<br>WEEKCREDITSMECHATRONICS BASICS<br>TECHNICAL DIPLOMASYSTEMS TECHNICIAN<br>TECHNICAL DIPLOMA<br>(Financial Aid Eligible)THIRD TERMPackaging Machine Maintenance6 hours per week3 creditsAutomated Packaging Systems<br>TechnicianElectromechanical Componentry<br>Prerequisite: 32454345 Packaging Systems Equipment Control8 hours per week4 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Systems<br>TechnicianApplied Technical Math 2<br>Prerequisite: 32804325 Applied Technical Mat | COURSE TITLEHOURS PER<br>WEEKCREDITSMECHATRONICS BASICS<br>TECHNICAL DIPLOMASYSTEMS TECHNICIAN<br>TECHNICAL DIPLOMA<br>(Financial Aid Eligible)DATE<br>COM-<br>PLITEDTHIRD TERM6nours per week3 creditsAutomated Packaging Systems<br>Technician-Packaging Machine Maintenance6hours per week4 creditsAutomated Packaging Systems<br>Technician-Electromechanical Componentry<br>Prerequisite: 32454345 Packaging Systems Equipment Control8hours per week4 creditsAutomated Packaging Systems<br>Technician-Applied Technical Math 16hours per week3 creditsAutomated Packaging Systems<br>Technician-THIRD TERM TOTAL19hours per week3 creditsAutomated Packaging Systems<br>Technician-Pereguistie: 32454345 Packaging Machine Rebuilding<br>Prerequisite: 32454345 Packaging Systems Equipment Control10hours per week5 creditsAutomated Packaging Systems<br>TechnicianPower Transmission Componentry<br>Power Transmission Componentry10hours per week2 creditsMechatronics BasicsAutomated Packaging Systems<br>TechnicianApplied Communications4hours per week2 creditsAutomated Packaging Systems<br>Technician-Applied Technical Math 2<br>Prerequisite: 32804325 Applied Technical Math 142 creditsAutomated Packaging Systems<br>TechnicianApplied Technical Math 2<br>Prerequisite: 32804325 Applied Technical Math 1410 nours per week2 creditsAutomated Packaging Systems<br>TechnicianAp |

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

Revised 07/31/2020





| CATALOG<br>NUMBER | COURSE TITLE  | HOURS PER<br>WEEK | CREDITS   | MECHATRONICS BASICS<br>TECHNICAL DIPLOMA | AUTOMATED PACKAGING<br>SYSTEMS TECHNICIAN<br>TECHNICAL DIPLOMA<br>(Financial Aid Eligible) | DATE<br>COM-<br>PLETED | TRANSFER<br>OR GRADE |
|-------------------|---|-------------------|-----------|--|--|------------------------|----------------------|
|                   | FIFTH TERM  |                   |           |  |  |                        |                      |
| 32414380          | Basic PLCs<br>Prerequisite: 32454345 Packaging Systems Equipment Control                            | 6 hours per week  | 3 credits |  | Automated Packaging Systems<br>Technician  |                        |                      |
| 32442307          | Welding for Mechanics   | 4 hours per week  | 2 credits |  | Automated Packaging Systems<br>Technician  |                        |                      |
| 32454366          | Introduction to Robotics  | 4 hours per week  | 2 credits |  | Automated Packaging Systems<br>Technician  |                        |                      |
| 32809380          | Applied Interpersonal Skills  | 4 hours per week  | 2 credits |  | Automated Packaging Systems<br>Technician  |                        |                      |
|                   | FIFTH TERM TOTAL  | 18 hours per week |           |  | 9 Credits<br>Automated Packaging Systems<br>Technician                                     |                        |                      |
|                   | SIXTH TERM  |                   |           |  |  |                        |                      |
| 32454348          | Troubleshooting<br>Prerequisite: 32454347 Electromechanical Componentry                             | 4 hours per week  | 2 credits |  | Automated Packaging Systems<br>Technician  |                        |                      |
| 32454349          | Installation of Packaging Machines<br>Prerequisite: 32454347 Electromechanical Componentry          | 10 hours per week | 5 credits |  | Automated Packaging Systems<br>Technician  |                        |                      |
| 32454359          | Packaging Materials/Processes<br>Prerequisite: 32454347 Electromechanical Componentry               | 4 hours per week  | 2 credits |  | Automated Packaging Systems<br>Technician  |                        |                      |
| 32454364          | Motion Controls<br>Prerequisites: 32454347 Electromechanical Componentry and<br>32414380 Basic PLCs | 4 hours per week  | 2 credits |  | Automated Packaging Systems<br>Technician  |                        |                      |
| 32801362          | Advanced Communication Skills<br>Prerequisite: 32801361 Applied Communications                      | 4 hours per week  | 2 credits |  | Automated Packaging Systems<br>Technician  |                        |                      |
|                   | SIXTH TERM TOTAL  | 26 hours per week |           |  | 13 Credits<br>Automated Packaging Systems<br>Technician                                    |                        |                      |
|                   | PROGRAM REQUIREMENTS  |                   |           | 14 Credits<br>Mechatronics Basics        | <b>64 Credits</b><br>Automated Packaging Systems<br>Technician                             |                        |                      |

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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 https://www.witc.edu/admissions/preparing-for-college/credit-for-prior-learning for more information

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