Technical Diploma
Program Code: 31-536-1
Total Credits: 35

Mid-State's Pharmacy Technician program provides hands-on learning that prepares students to assist licensed pharmacists in safely dispensing prescription medication. Graduates may work in hospital and retail pharmacies, nursing homes, and everywhere medications are prepared. In this program, you’ll receive both lab and clinical experience in using pharmacy software to build patient profiles, as well as interpret and enter prescriptions. Core program courses are offered via video conference hosted by Lakeshore Technical College (LTC) and are supported by select classes available with Mid-State.

Estimated tuition and fees: mstc.edu/programcosts

ACADEMIC ADVISOR
To schedule an appointment with an academic advisor, call 715.422.5300. Academic advisors will travel to other campuses as necessary to accommodate student needs. For more information about advising, visit mstc.edu/advising.
BACHELOR’S DEGREE OPTIONS

For more information and additional opportunities, visit mstc.edu/transfer.

PHARMACY SERVICES MANAGEMENT
ASSOCIATE IN APPLIED SCIENCE
ONLY 30 MORE CREDITS

PHARMACY TECHNICIAN
TECHNICAL DIPLOMA
35 CREDITS

CAREER OPTIONS
Pharmacy Technician Manager
Senior Pharmacy Technician

CAREER OPTIONS
Pharmacy Aide
Pharmacy Technician

HIGH SCHOOL STUDENT
COLLEGE TRANSFER
RETURNING ADULT

College Credit • Dual Credit • Military Experience • Work Experience
Learn about Credit for Prior Learning at mstc.edu/cpl.

OTHER OPTIONS

RELATED PROGRAMS
• Central Service Technician
• Health Information Management
• Health & Wellness Promotion
• Medical Assistant
• Medical Coder
• Nursing
• Nursing Assistant
• Phlebotomy Technician
• Respiratory Therapist
• Surgical Technologist

BEGIN AT ANY POINT IN THE PATHWAY
PROGRAM OUTCOMES
Employers will expect you, as a Pharmacy Technician graduate, to be able to:
• Package and label drugs for prescription dispensing.
• Prepare and deliver unit dose to the nursing services of hospitals or nursing homes.
• Prepare parenteral admixtures under aseptic and sterile conditions.
• Receive and inventory drug shipments.
• Maintain records, including patient profiles.
• Facilitate communication for third-party reimbursement.
• Compound solutions, ointments, lotions, suppositories, and other medications.
• Comprehend and utilize medical and drug terminology common to the pharmaceutical environment.
• Practice ethical standards and recognize legal implications of your actions as they relate to yourself, the pharmacist, and the pharmacy.

TECHNICAL SKILLS ATTAINMENT
The Wisconsin Technical College System (WTCS) has implemented a requirement that all technical colleges measure program outcomes attained by students. This requirement is called Technical Skills Attainment (TSA). The main objective of TSA is to ensure graduates have the technical skills needed by employers. Students are notified of TSA reporting in their final few courses of the program.

ADMISSIONS PROCEDURES
To apply to the Pharmacy Technician program, please submit the following documents to Lakeshore Technical College (LTC):
1. Complete a WTCS application form and return it with the $30 non-refundable application fee. Check is payable to LTC.
2. Complete the Accuplacer or ACT test.
   Minimum scores required:
   • Reading – Accuplacer score of 55
   • Sentence Skills – Accuplacer score of 70
   • Arithmetic – Accuplacer score of 50
   • ACT equivalents for above scores are acceptable
   You may take the Accuplacer again if you did not meet the required scores. Additional options, including coursework and tutoring, are also available to assist you. To learn about your options or schedule an Accuplacer test, contact the Student Services & Information Center on your Mid-State campus.
3. Submit an official copy of all academic transcripts, including high school, college or university, and HSED/GED.
4. Complete a Background Information Disclosure (BID) form and submit $16 for Caregiver Background check. The Wisconsin Caregiver Law requires a background check.
5. Complete health form and immunization records.
7. Read, sign, and return the sign-off sheet for the Pharmacy Technician Program Handbook.
8. Complete a telephone program advising session with LTC Counselor.
9. Upon receipt of the above materials, you will be accepted to Lakeshore Technical College. LTC will then notify you of additional program requirements.

Lakeshore Technical College • Admissions
1290 North Avenue, Cleveland, WI 53015-1414

Mid-State Technical College • Admissions
500 32nd Street North, Wisconsin Rapids, WI 54494

CREDIT FOR PRIOR LEARNING
Credit for Prior Learning is available for certain courses in the form of high school advanced standing, transfer credit, test credit, military experience, and experiential credit.

CLINICAL-RELATED REQUIREMENTS
Clinical sites have the right to refuse a student’s admission based on conviction records. If you have a criminal history, you may not be able to complete clinical courses. Also, clinical agencies will be notified of all students with pending charges and convictions, and agencies can decline student admission to that agency.

STUDENT HANDBOOK
Visit mstc.edu/studenthandbook to view Mid-State’s student handbook, which contains information about admissions, enrollment, appeals processes, services for people with disabilities, financial aid, graduation, privacy, Mid-State’s Student Code of Conduct, and technology.

NOTES:
ADDITIONAL COURSES AS NEEDED
The following courses may be recommended or required if the student does not achieve minimum Accuplacer scores.

Intro to College Reading
10838104 .............................................................2 credits
Provides learners with the opportunities to develop and expand reading skills, including comprehension and vocabulary skills. Learners apply reading skills to academic tasks and read to acquire information from a variety of sources.

Intro to College Writing
10831103 ..............................................................3 credits
Introduces basic principles of composition, including organization, development, unity, and coherence in paragraphs and multi-paragraph documents. The purpose of this course is to prepare students for successful entry into required program courses. This course is tuition bearing and under certain circumstances may qualify for financial aid. This course cannot be used to satisfy program completion requirements at Mid-State.
Prerequisite: Accuplacer Sentence Skills score of 60 or equivalent. Proficiency in word processing skills recommended.

Pre-Algebra
10834109 .............................................................3 credits
Provides an introduction to algebra. Includes operations on real numbers, solving linear equations, percent and proportion, and an introduction to polynomials and statistics. Prepares students for elementary algebra and subsequent algebra-related courses.
Prerequisite: Accuplacer Math score of 65, Accuplacer Algebra score of 30, ABE Math Prep V 76854785 and ABE Math Prep VI 76854786 with a grade of “S.” (Note: ABE Math Prep V and VI courses cannot be used to satisfy program completion requirements at Mid-State.)

SAMPLE FULL-TIME CURRICULUM OPTION

<table>
<thead>
<tr>
<th>Term</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>18 credits</td>
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<tr>
<td>10501101 Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>10501102 Health Insurance and Reimbursement</td>
<td>3</td>
</tr>
<tr>
<td>10536110 Pharmaceutical Calculations</td>
<td>3</td>
</tr>
<tr>
<td>10536113 Pharmacy Business Applications</td>
<td>3</td>
</tr>
<tr>
<td>10536115 Pharmacy Law</td>
<td>2</td>
</tr>
<tr>
<td>10536120 Fundamentals of Reading Prescriptions</td>
<td>1</td>
</tr>
<tr>
<td>10536122 Pharmacology</td>
<td>3</td>
</tr>
<tr>
<td>17 credits</td>
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</tr>
<tr>
<td>10536125 Pharmacy Drug Distribution Systems</td>
<td>2</td>
</tr>
<tr>
<td>10536126 Pharmacy Parenteral Admixtures</td>
<td>3</td>
</tr>
<tr>
<td>10801196 Oral/Interpersonal Communication</td>
<td>3</td>
</tr>
<tr>
<td>10809198 Intro to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>10536138 Pharmacy Community Clinical</td>
<td>2</td>
</tr>
<tr>
<td>10536141 Pharmacy Computer Lab</td>
<td>2</td>
</tr>
<tr>
<td>10536143 Pharmacy Hospital Clinical</td>
<td>2</td>
</tr>
</tbody>
</table>

Total Credits 35

Please Note:
• This curriculum sequence is only for student planning. Actual student schedules will vary depending on course availability.
• Program completion time may vary based on student scheduling and course availability. For details, go to mstc.edu/classfinder.
### Fundamentals of Reading Prescriptions
**10536120** ............................................................... 1 credit
Prepares the learner to work in a community or hospital pharmacy by exploring the role of a pharmacy technician within the healthcare team, examining each step in the prescription filling process, and identifying the key top 200 drugs by brand and generic name and therapeutic class.
*Condition: 315361 Pharmacy Technician admission requirements met*

### Health Insurance and Reimbursement
**10501102** ............................................................... 3 credits
Introduces the learner to federal, state, and private health insurance plans and managed care systems. Surveys the coding, submission, and processing cycle of claims, as well as reimbursement methods used by payers. It provides application information to ambulatory settings, pharmacies, hospitals, and long-term care.

### Intro to Psychology
**10809198** ............................................................... 3 credits
This introductory course surveys the multiple aspects of human behavior. It involves a survey of the theoretical foundations of human functioning in such areas as learning, motivation, emotions, personality, deviance and pathology, physiological factors, and social influences. It directs the student to an insightful understanding of the complexities of human relationships in personal, social, and vocational settings.
*Prerequisite: High School GPA of 3.0 or Accuplacer Reading Skills of 236, Writing of 237 or ACT of 15 Reading/16 Writing. Students are encouraged to bring transcripts for further evaluation if they do not meet these requirements.*

### Medical Terminology
**10501101** ............................................................... 3 credits
Focuses on the component parts of medical terms: prefixes, suffixes, and word roots. Learners practice formation, analysis, and reconstruction of terms. Emphasizes spelling, definition, and pronunciation. Introduces operative, diagnostic, therapeutic, and symptomatic terminology of all body systems as well as systemic and surgical terminology.

### Oral/Interpersonal Communication
**10801196** ............................................................... 3 credits
Focuses upon developing speaking, verbal, and non-verbal communication, and listening skills through individual presentations, group activities, and other projects.
*Prerequisite: High School GPA of 3.0 or Accuplacer Reading Skills of 236, Writing of 237, or ACT of 15 Reading/16 Writing. Students are encouraged to bring transcripts for further evaluation if they do not meet these requirements.*

### Pharmaceutical Calculations
**10536110** ............................................................... 3 credits
Prepares the learner to enlarge and reduce formulas and solve proportions, dilutions, allegations, and other calculations pertinent to the preparation of pharmaceuticals using metric, apothecary, avoirdupois, and household measuring systems.
*Condition: 315361 Pharmacy Technician or 195361 Employed Pharmacy Technician admission requirements met*

### Pharmacology
**10536122** ............................................................... 3 credits
Enhances the learner’s ability to act and react appropriately in the pharmacy by learning how drugs work through examination of the anatomy, physiology, pathophysiology, and drug therapy for each of the major systems.
*Condition: 315361 Pharmacy Technician or 195361 Employed Pharmacy Technician admission requirements met*

### Pharmacy Business Applications
**10536113** ............................................................... 3 credits
Prepares the learner to utilize pharmaceutical business terminology, procedures, customer service, record keeping, purchasing procedures, inventory control systems, pricing, merchandising, reference materials, ethics, roles, responsibilities, and relationships with patients and coworkers.
*Condition: 315361 Pharmacy Technician program requirements met*

### Pharmacy Community Clinical
**10536138** ............................................................... 2 credits
Provides hands-on experience in a community pharmacy for 108 hours during term two. Areas of instruction include interpretion of prescriptions, entering prescriptions on computer, patient profiles, correctly filling and labeling prescriptions, billing patient and third parties, customer service, over-the-counter medications, purchasing, checking in deliveries, inventory control, compounding, and patient confidentiality.
*Prerequisites: 10536110 Pharmaceutical Calculations, 10536120 Fundamentals of Reading Prescriptions, 10501102 Health Insurance & Reimbursement, 1053613 Pharmacy Business Applications; Corequisite: 10536141 Pharmacy Computer Lab; Condition: 315361 Pharmacy Technician program requirements met*

### Pharmacy Computer Lab
**10536141** ............................................................... 2 credits
Expands the learner’s ability to enter prescription orders and familiarizes learner with a variety of pharmacy software features, including updating pharmacy databases, running reports, and billing. This course is offered in a self-paced format.
*Prerequisites: 10536120 Fundamentals of Reading Prescriptions and Condition 315361 Pharmacy Technician admissions requirements met*

### Pharmacy Drug Distribution Systems
**10536125** ............................................................... 2 credits
Is an introductory study of the basic drug distribution systems used in community and institutional pharmacies, including automation technology, pharmacist and pharmacy technician roles, and dispensing considerations.
*Condition: 315361 Pharmacy Technician admission requirements met*
Pharmacy Hospital Clinical
10536143 ..............................................................2 credits
Provides the learner with the skills to prepare parenteral admixtures, fill medication carts and unit-dose drawers, control inventory, package medications, and maintain patient records in the hospital setting.
Prerequisites: 10536110 Pharmacy Calculations and Corequisite: 10536139 Pharmacy Community Clinical, 10536126 Pharmacy Parenteral Admixtures and 10536141 Pharmacy Computer Lab and Condition 315361 Pharmacy Technician admissions requirements met

Pharmacy Law
10536115 ...............................................................2 credits
Introduces the learner to federal and state regulations that apply to pharmacy practice.
Condition: 315361 Pharmacy Technician or 195361 Employed Pharmacy Technician admissions requirements met

Pharmacy Parenteral Admixtures
10536126 ..............................................................3 credits
Provides the learner with the skills to utilize aseptic technique in vertical and horizontal laminar flow hoods for preparation of solutions and medications to be administered intravenously, intramuscularly, subcutaneously, and intradermally to patients.
Prerequisite: 10536110 Pharmaceutical Calculations and Condition: 315361 Pharmacy Technician or 195361 Employed Pharmacy Technician admission requirements met