



pharmacy technician

Technical Diploma Program Code: 31-536-1 Total Credits: 32

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.

CHECKLIST:

This section will be completed when meeting with your academic advisor.

- FAFSA (www.fafsa.gov)
- Financial Aid Form(s)
Form(s): _____
- Follow-Up Appointment:
Where: _____
When: _____
With: _____
- Official Transcripts
Mid-State Technical College
Student Services Assistant
1001 Centerpoint Drive
Stevens Point, WI 54481
- Other: _____

mstc.edu
888.575.6782



ADAMS CAMPUS
401 North Main
Adams, WI 53910

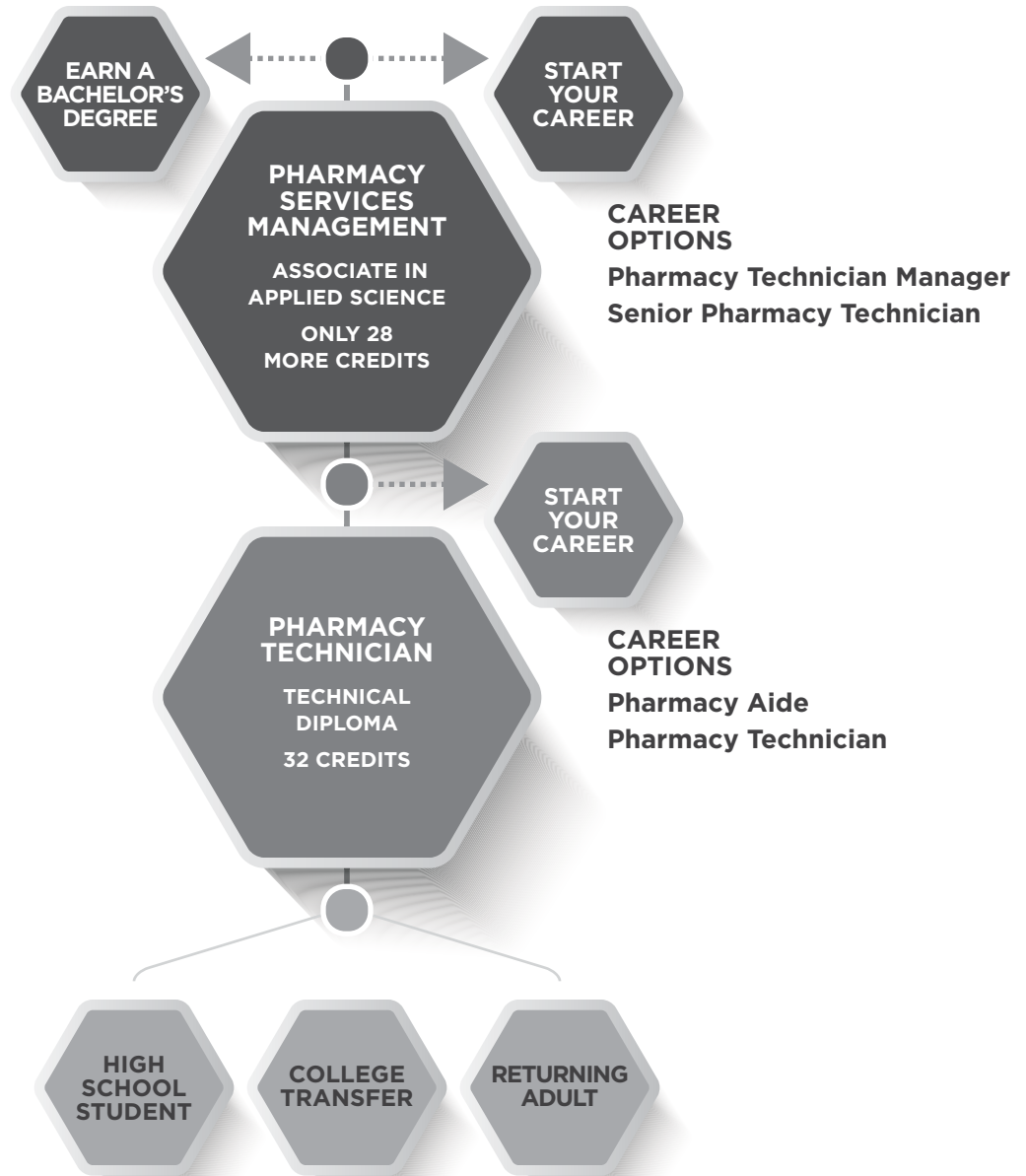
MARSHFIELD CAMPUS
2600 West 5th Street
Marshfield, WI 54449

STEVENS POINT CAMPUS
1001 Centerpoint Drive
Stevens Point, WI 54481

WISCONSIN RAPIDS CAMPUS
500 32nd Street North
Wisconsin Rapids, WI 54494

BACHELOR'S DEGREE OPTIONS

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



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 Therapy
- Surgical Technologist

**BEGIN AT ANY POINT
IN THE PATHWAY**

PROGRAM OUTCOMES

Employers will expect you, as a Pharmacy Technician graduate, to be able to:

- Demonstrate personal/interpersonal knowledge and skills in the practice of pharmacy.
- Demonstrate foundational professional knowledge and skills for the practice of pharmacy.
- Prepare prescriptions/medication orders and pharmaceutical products for dispensing, distribution, and disposal.
- Compound sterile and non-sterile medications.
- Follow established policies and procedures for procurement, billing, reimbursement, and inventory management.
- Utilize pharmacy technology and informatics.
- Adhere to state and federal regulations governing the practice of pharmacy.
- Apply the principles of quality assurance to the practice of 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 the Pharmacy Community Clinical and Pharmacy Hospital Clinical courses.

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:
 - Arithmetic – Accuplacer score of 50
 - ACT equivalents 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.
6. Read, sign, and return the Technical Standards Statement of Understanding form.
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

108381042 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

108311033 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

108341093 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

Term		18 credits
10501101	Medical Terminology	3
10501102	Health Insurance and Reimbursement*	3
10536110	Pharmaceutical Calculations*	3
10536113	Pharmacy Business Applications*	3
10536115	Pharmacy Law*	2
10536120	Fundamentals of Reading Prescriptions*	1
10536122	Pharmacology*	3

Term		14 credits
10536125	Pharmacy Drug Distribution Systems*	2
10536126	Pharmacy Parenteral Admixtures*	3
10536138	Pharmacy Community Clinical*	2
10536141	Pharmacy Computer Lab*	2
10536143	Pharmacy Hospital Clinical*	2
10801196	Oral/Interpersonal Communication	3

Total Credits 32

**These courses are offered through Lakeshore Technical College but may be taken via Telepresence at Mid-State's Stevens Point campus.*

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

105011023 credits

Provides the learner with an understanding of the various types of insurance and managed care plans, and the cycle of medical claims procession. The learner will review cases, develop critical thinking skills in analyzing information, and selecting processes for reimbursement success.

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

108011963 credits

Focuses on developing effective listening techniques and verbal and nonverbal communication skills through oral presentation, group activity, and other projects. The study of self, conflict, and cultural contexts will be explored, as well as their impact on communication.

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

105361103 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, 105361 Pharmacy Services Management, or 195316 Employed Pharmacy Technician admission requirements met

Pharmacology

105361223 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, 105361 Pharmacy Services Management, 615361 Community Retail Pharmacy Technician, or 195361 Employed Pharmacy Technician admissions 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 or 105231 Pharmacy Services Management program requirements met

Pharmacy Community Clinical

105361382 credits

Provides hands-on experience in a community pharmacy for 108 hours during term two. Areas of instruction include interpretation 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, 10536113 Pharmacy Business Applications; Condition: 315361 Pharmacy Technician, 105361 Pharmacy Services Management, or 615361 Community Retail 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; Condition: 315361 Pharmacy Technician or 105361 Pharmacy Services Management admissions requirements met

Pharmacy Drug Distribution Systems

105361252 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 or 105361 Pharmacy Services Management admissions requirements met

Pharmacy Hospital Clinical

105361432 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; Condition: 315361 Pharmacy Technician, or 105361 Pharmacy Services Management 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, 105361 Pharmacy Services Management, 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;

Condition: 315361 Pharmacy Technician, 105361 Pharmacy Services Management, or 195361 Employed Pharmacy Technician admission requirements met