

**10-513-1 MEDICAL LABORATORY TECHNICIAN  
2025-26 REQUIRED COURSES  
NORTHWOOD TECHNICAL COLLEGE  
NEW RICHMOND**

**Combination of On Site and Online instruction**

Name/ID \_\_\_\_\_

Date \_\_\_\_\_

CATALOG NUMBER	COURSE TITLE	* HOURS PER WEEK		CREDITS		NOTES	DATE COMPLETED	TRANSFER OR GRADE
	<b>FIRST TERM - Fall 2025</b>							
10513110	Basic Lab Skills PREREQUISITE: Admission to the Phlebotomy Certificate or Medical Laboratory Technician program.	2	hours per week	1	credit			
10513111	Phlebotomy PREREQUISITE: Admission to the Phlebotomy Certificate or Medical Laboratory Technician program and COREQUISITE: 10513110 Basic Lab Skills	3	hours per week	2	credits			
10513113	QA Lab Math PREREQUISITE: Admission to the Medical Laboratory Technician program.	1	hours per week	1	credit			
10806177	General Anatomy and Physiology Note: Successful completion of a chemistry course within the last five years is highly recommended	5	hours per week	4	credits			
10806186	Intro to Biochemistry COREQUISITE: Complete one year, or one credit, of high school chemistry or one credit of 10806140 Chemistry (college-level chemistry) with a 2.0 or better.	5	hours per week	4	credits			
10801136	English Composition 1	3	hours per week	3	credits			
	<b>FIRST TERM TOTAL</b>	<b>19</b>	hours per week	<b>15</b>	credits			

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CATALOG NUMBER	COURSE TITLE	* HOURS PER WEEK		CREDITS		NOTES	DATE COMPLETED	TRANSFER OR GRADE
	<b>SECOND TERM - Spring 2026</b>							
10513114	Urinalysis PREREQUISITES: 10513110 Basic Lab Skills, 10806177 General Anatomy and Physiology, 10806186 Intro to Biochemistry and Admission to the Medical Laboratory Technician program.	3	hours per week	2	credits			
10513116	Clinical Chemistry PREREQUISITES: 10513110 Basic Lab Skills, 10513113 QA Lab Math, 10806177 General Anatomy and Physiology, 10806186 Intro to Biochemistry and Admission to the Medical Laboratory Technician program.	6	hours per week	4	credits			
10513120	Basic Hematology PREREQUISITES: 10513110 Basic Lab Skills, 10513113 QA Lab Math, 10806177 General Anatomy and Physiology, 10806186 Intro to Biochemistry and Admission to the Medical Laboratory Technician program.	5	hours per week	3	credits			
10513121	Coagulation PREREQUISITES: 10513110 Basic Lab Skills, 10513113 QA Lab Math, 10806177 General Anatomy and Physiology, 10806186 Intro to Biochemistry and COREQUISITE: 10513120 Basic Hematology.	2	hours per week	1	credit			
10806197	Microbiology PREREQUISITE: 10806177 General Anatomy and Physiology, preferably within the last five years or 10806105 Principles of Animal Biology.	5	hours per week	4	credits			
	<b>SECOND TERM TOTAL</b>	<b>21</b>	hours per week	<b>14</b>	credits			

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CATALOG NUMBER	COURSE TITLE	* HOURS PER WEEK		CREDITS		NOTES	DATE COMPLETED	TRANSFER OR GRADE
	<b>THIRD TERM - Summer 2026</b>							
10801196	Oral/Interpersonal Communication	6	hours per week	3	credits			
10809198	Introduction to Psychology	6	hours per week	3	credits			
10809172 OR 10809166	Introduction to Diversity Studies OR Introduction to Ethics: Theory and Application	6	hours per week	3	credits			
	<b>THIRD TERM TOTAL</b>	<b>18</b>	hours per week	<b>9</b>	credits			
	<b>FOURTH TERM - Fall 2026</b>							
10513109	Blood Bank PREREQUISITE: 10513120 Basic Hematology and COREQUISITE: 10513115 Basic Immunology Concepts.	6	hours per week	4	credits			
10513115	Basic Immunology Concepts PREREQUISITES: 10513110 Basic Lab Skills, 10806177 General Anatomy and Physiology 10513120 Basic Hematology and COREQUISITE: 10513109 Blood Bank.	3	hours per week	2	credits			
10513130	Advanced Hematology PREREQUISITE: 10513120 Basic Hematology.	3	hours per week	2	credits			
10513133	Clinical Microbiology PREREQUISITE: 10806197 Microbiology and COREQUISITE: 10513170 Introduction to Molecular Diagnostics.	6	hours per week	4	credit			
10513170	Introduction to Molecular Diagnostics PREREQUISITE: 10513110 Basic Lab Skills, 10806186 Intro to Biochemistry and COREQUISITE: 10513133 Clinical Microbiology.	2	hours per week	2	credits			
	<b>FOURTH TERM TOTAL</b>	<b>20</b>	hours per week	<b>14</b>	credits			

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CATALOG NUMBER	COURSE TITLE	* HOURS PER WEEK		CREDITS		NOTES	DATE COMPLETED	TRANSFER OR GRADE
	<b>FIFTH TERM - Spring 2027</b>							
10513140	Advanced Microbiology PREREQUISITE: 10513133 Clinical Microbiology.	2	hours per week	2	credits			
10513141	Pre-Clinical Experience PREREQUISITE: All required courses with a grade point of 2.0 or better.	4	hours per week	2	credits			
10513151	Clinical Experience 1 PREREQUISITE: All required courses with a grade point of 2.0 or better.	12	hours per week	3	credits			
10513152	Clinical Experience 2 PREREQUISITE: All required courses with a grade point of 2.0 or better.	12	hours per week	4	credits			
10513160	MLT Seminar PREREQUISITE: All required courses with a grade point of 2.0 or better.	1	hours per week	1	credit			
	<b>FIFTH TERM TOTAL</b>	<b>31</b>	hours per week	<b>12</b>	credits			
	<b>TOTAL CREDITS</b>			<b>64</b>	total credits			

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\*Hours per week represents periods of instruction and/or work-based learning hours per week (class hours). Additional time may be required outside of class to complete assignments. For more details on what you can expect outside of class, please see the "Expectations Outside of the Classroom" section of the Student Handbook

Please be advised that low-enrollment class sections may be canceled. You will be contacted by Student Services with information on other class sections available in alternate formats

**NORTHWOOD TECH GENERAL EDUCATION COURSE OPTIONS FOR NORTHWOOD TECH ASSOCIATE DEGREE PROGRAMS**

Co-enrollment in 99831900 Writing Essentials may be recommended in addition to English Composition 1.

Specific General Education courses are scheduled as requirements for this program. If you have completed General Education coursework at another Wisconsin technical college, please refer to the Acceptable Transfer Course document at the following link (find your program) to see if your previous coursework will transfer

[Acceptable Transfer Courses](#)

If you have completed General Education coursework at Northwood Tech in a prior term, the same options will apply for your program requirements. Pending Dean approval, technical diploma coursework (i.e. catalog number beginning with 30, 31, or 32) may also be allowed to meet General Education requirements. NOTE: Technical diploma level coursework may not transfer to a baccalaureate program.^

*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.*

A grade point of 2.0 or better is needed in all required courses.

**EARN CREDIT FOR WHAT YOU ALREADY KNOW:**

[Visit Credit for Prior Learning for more information](#)

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or 715.752.8128. You will receive a response within 5 business days.

^If considering transferring into a baccalaureate program, please work with the Transfer Coordinator at the college you are interested in transferring to verify status, including if technical diploma level coursework will transfer and if it will transfer, how the credits will be brought in to your future degree.