

10-152-7 INFORMATION TECHNOLOGY -
 WEB AND SOFTWARE DEVELOPER
 2024-25 REQUIRED COURSES
 NEW RICHMOND, ONLINE

Name/ID _____

Date _____

CATALOG NUMBER	COURSE TITLE	HOURS PER WEEK	CREDITS	NOTES	DATE COMPLETED	TRANSFER OR GRADE
FIRST TERM - Fall 2024						
16 Weeks						
10809198	Introduction to Psychology	3 hours per week	3 credits			
First 8 Weeks						
10152100	Database Concepts and SQL (also available spring term - online only)	8 hours per week	3 credits			
10152135	Program Logic (also available in spring - online only)	6 hours per week	3 credits			
Second 8 Weeks						
10152101	Web Design and Development (also available spring term - online only)	8 hours per week	3 credits			
10152115	Beginning .NET Programming Corequisite: 10152135 Program Logic	10 hours per week	3 credits			
FIRST TERM TOTAL		17-21 hours per week	15 credits			
SECOND TERM - Spring 2025						
10152102	Advanced Website Development Prerequisite: 10152101 Web Design and Development and 10152135 Program Logic	4 hours per week	3 credits			
10152106	Java Programming - Beginning (also available in fall - online only) Prerequisite: 10152135 Program Logic and Corequisite: 10152101 Web Design and Development	4 hours per week	3 credits			
10152110	Programming in SQL (also available in fall - online only) Prerequisite: 10152100 Database Concepts and SQL	4 hours per week	3 credits			
10152117	Advanced .NET Programming Prerequisite: 10152115 Beginning .NET Programming and 10152135 Program Logic	4 hours per week	3 credits			
10801136	English Composition 1	3 hours per week	3 credits			
10804123 or 10804113 or 10804133	Math with Business Applications or College Technical Mathematics 1A or Mathematics and Logic	3 hours per week	3 credits			
SECOND TERM TOTAL		22 hours per week	18 credits			

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THIRD TERM - Fall 2025						
10152107	Java Programming - Advanced Prerequisite: 10152106 Java Programming - Beginning and Corequisite: 10152102 Advanced Website Development	4 hours per week	3 credits			
10152111	Systems Analysis and Design Prerequisite: 10152117 Advanced .NET Programming NOTE: This course should be taken in the fall semester, prior to the final spring semester. This course will be used to build the requirements for the final capstone project that will be completed in 10152113 Applications Development.	4 hours per week	3 credits			
10152112	Server-Side Web Development Prerequisite: 10152117 Advanced .NET Programming and 10152102 Advanced Website Development Corequisite: 10152110 Programming in SQL	4 hours per week	3 credits			
10152119	Development in Emerging Technologies Prerequisites: 10152102 Advanced Website Development, 10152115 Beginning .NET Programming, and Corequisite: 10152107 Java Programming - Advanced	4 hours per week	3 credits			
10801196 or 10801198	Oral/Interpersonal Communication or Speech	3 hours per week	3 credits			
THIRD TERM TOTAL		19 hours per week	15 credits			
FOURTH TERM - Spring 2026						
10152108	Enterprise Java Programming Prerequisite: 10152107 Java Programming - Advanced	4 hours per week	3 credits			
10152113	Applications Development Prerequisites: 10152107 Java Programming - Advanced and 10152111 Systems Analysis and Design and Corequisite: 10152118 Enterprise Programming in .NET	5 hours per week	3 credits			
10152116	Web Tools of the Trade Prerequisite: 10152102 Advanced Website Development	3 hours per week	2 credits			
10152118	Enterprise Programming in .NET Prerequisite: 10152117 Advanced .NET Programming	4 hours per week	3 credits			
10809166 or 10809172 or 10809195	Introduction to Ethics: Theory and Application or Introduction to Diversity Studies or Economics	3 hours per week	3 credits			
FOURTH TERM TOTAL		19 hours per week	14 credits			
TOTAL CREDITS			62			

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 grade point average (GPA) of 2.0 in a 4.0 grade system is required to graduate.

FINANCIAL AID ELIGIBILITY: Financial aid will be prorated based on this program completion plan.

Students must earn a grade point of 2.0 or better in 10152113 Applications Development.

EARN CREDIT FOR WHAT YOU ALREADY KNOW:

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

If you have difficulty accessing this content or notice any accessibility problems, please contact the Northwood Tech Curriculum Office at curriculum.office@NorthwoodTech.edu 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.