



Dual Enrollment Courses and Credits

Omaha North High Magnet School offers dual enrollment opportunities through University of Nebraska-Omaha, Midland University, and Metropolitan Community College. Students apply for dual enrollment once the course is in progress, during the semester designated by the institution. All AP dual enrolled students are expected to take the AP Exam at no additional cost.

UNO Fall Courses

North High Course	Teacher	Course Equivalence	Credits	Total Cost
AP Calculus BC	Mr. Hjelle	Math 1950	5	\$250
Honors Calculus 3	Mr. Steinbruck	Math 1970	4	\$250
AP Biology	Mr. Anton	Biol1450	5	\$250
AP Statistics	Mr. Steinbruck	CIST 2500	3	\$250
AP Calculus AB	Mr. Steinbruck	Math 1950	5	\$250
AP US Government and Politics	Ms. Murphy	PSCI 1100	3	\$250
AP English Literature and Composition	Ms. Alati	ENGL 1010	3	\$250
Honors Cybersecurity	Mr. Henderson	CYBR 1100	3	\$250
AP Computer Science A	Mr. Henderson	CIST 1400	3	\$250
AP Computer Science Principles	Mr. Henderson	CSCI 1200	3	\$250
Honors Intro to Education	Dr. Musson	TED 1010	3	\$250

UNO Spring Courses

North High Course	Teacher	Course Equivalent	Credits	Total Cost
AP Calculus BC	Mr. Hjelle	Math 1960	5	\$250
AP Biology	Mr. Anton	BIOL 1750	5	\$250
Honors Differential Equations	Mr. Steinbruck	Math 2350	3	\$250
AP Comparative Government	Mr. Zimmer	PSCI 2500	3	\$250
AP English Literature and Composition	Ms. Alati	ENGL 1020	3	\$250

Metropolitan Community College Fall Courses

North High Course	Teacher	Course Equivalent	Credits	Total Cost
AP English Language and Composition	Ms. Gutierrez	ENG 1010	3	\$250
Honors Technical Communication	Ms. Alati	ENGL 1220	4.5	\$44
Honors Personal Finance	Ms. Glassman	FINA 1000	4.5	Grant
Mechanical Blue Print Reading	Mr. Weimer	PRMA 1050	4	Grant
Machine Tool 1	Mr. Banker	PRMA 1401	9	Grant
Machine Tool 3	Mr. Banker	PRMA 1403	9	Grant

Metropolitan Community College Spring Courses

North High Course	Teacher	Course Equivalent	Credits	Total Cost
Honors Technical Communication	Ms. Alati	ENGL 1240	4.5	\$44
CAD/Design Engineering	Mr. Weimer	PRMA 1050	9	Grant
Industrial Safety and Health	Mr. Weimer	INCT 1000	4.5	Grant
Honors Personal Finance	Ms. Glassman	FINA 1000	4.5	\$44
Machine Tool 2	Mr. Banker	PRMA 1402	9	Grant
Machine Tool 4	Mr. Banker	PRMA 1404	9	Grant

Midland University Fall Courses

North High Course	Teacher	Course Equivalent	Credits	Total Cost
AP Chemistry	Mr. Sunde	CHE 103	4	\$250

Midland University Spring Courses

North High Course	Teacher	Course Equivalent	Credits	Total Cost
AP Chemistry	Mr. Sunde	CHE 104	4	\$250



Advanced Placement Courses

Students register for the AP Exam in February/March. Exams are administered in May per the AP Exam Schedule dictated by the College Board. Many post-secondary institutions will accept an AP Exam score of 3 or higher as a transfer credit or a means to test out of a course.

North High Course	Teacher	Grade Level	Dual Enrolled through Midland or UNO
AP Biology	Mr. Anton	11 or 12	UNO
AP Calculus AB	Mr. Steinbruck	After Pre-Calc/Trig	UNO
AP Calculus BC	Mr. Hjelle	After Pre-Calc/Trig	UNO
AP Chemistry	Mr. Sunde	11 or 12	Midland
AP Comparative Government and Politics	Mr. Zimmer	10, 11, 12	UNO
AP Computer Science A	Mr. Henderson	After Java 1-2	UNO
AP English Language & Composition	Ms. Gutierrez	11	MCC
AP English Literature & Composition	Ms. Alati	12	UNO
AP Environmental Science	Ms. Evans	11 or 12	UNO
AP Human Geography	Ms. Murphy	10	
AP Music Theory	Mr. Haupt	11 or 12	
AP Physics 1	Ms. Prusha	After Physical Science	
AP Physics 2	Ms. Prusha	After AP Physics 1	
AP Psychology	Mr. Juranek	11 or 12	
AP Statistics	Mr. Steinbruck	After Pre-Calc/Trig	UNO
AP Studio Art 2-D	Ms. Buckley	11 or 12	
AP Studio Art 3-D	Ms. Buckley	11 or 12	
AP United States Government & Politics	Ms. Murphy	12	UNO
AP United States History	Mr. Zimmer	9, 10, 11, 12	
AP World History	Ms. Witty	11	



STEM Academy/Project Lead the Way Career Pathways

National studies have shown that students in career academies are more likely to graduate with the skills and academic requirements to pursue college or career opportunities. A career academy is a small, safe, and supportive learning environment that is contained within a larger high school. An academy has a career and college theme, preparing students for both post-secondary schooling and work.

Project Lead the Way (PLTW) prepares students to be the most innovative and productive leaders in Science, Technology, Engineering, and Mathematics (STEM). It provides students with opportunities to make meaningful, pioneering contributions to our world.

PLTW Engineering (all honors pathway)

Grade	North High Course	Teacher
9	Honors Intro to Engineering & Design*	Mr. Sailors
10	Honors Principles of Engineering* Honors Digital Electronics AP Computer Science Principles Honors Computer Integrated Manufacturing	Mr. Tindall or Ms. Prusha Mr. Hankel Mr. Henderson Mr. Weimer
11	Honors Civil Engineering & Architecture Honors Digital Electronics AP Computer Science Principles Honors Computer Integrated Manufacturing	Mr. Hjelle Mr. Hankel Mr. Henderson Mr. Weimer
12	Honors Engineering Design & Development* Honors Civil Engineering & Architecture Honors Digital Electronics AP Computer Science Principles Honors Computer Integrated Manufacturing	Mr. Hjelle Mr. Hjelle Mr. Hankel Mr. Henderson Mr. Weimer

* required course

Manufacturing

Grade	North High Course	Teacher
10	Machine Tool 1-2 Industrial Safety & Health (1 st semester) Mechanical Blueprint Reading (2 nd semester)	Mr. Banker Mr. Weimer Mr. Weimer
11	Machine Tool 3-4 CAD Design/Engineering	Mr. Banker Mr. Weimer
12	CNC Manufacturing 1-2 Computer Integrated Manufacturing	Mr. Weimer Mr. Weimer

PLTW Biomedical Sciences (all honors pathway)

Grade	North High Course	Teacher
9	Honors Principles of Biomedical Science	Mr. Anton
10	Honors Human Body Systems	Mr. Meysenburg
11	Honors Medical Interventions	Ms. Fricke
12	Honors BioMedical Innovations	Mr. Anton

Computer Science (all honors/AP pathway)

Grade	North High Course	Teacher
9	AP Computer Science Principles	Mr. Henderson
10	AP Computer Science	Mr. Henderson
11	Honors Cybersecurity	Mr. Henderson
12	Honors Engineering Design and Development	Mr. Henderson

Media Technology (all honors pathway)

Grade	North High Course	Teacher
9	Honors Digital Media	Ms. Runyon
10	Honors Audio and Video Technology 1-2	Ms. Runyon
11	Honors Audio and Video Technology 3-4	Ms. Runyon
12	Honors Audio Video Technology Capstone	Ms. Runyon