

**Mundelein High School
District 120**



**SUMMER SCHOOL
CATALOG
2010**

Summer School FAQ's

Phone 847-949-2200 ext. 1257

REGISTRATION

Registration for Summer School will open on March 18th. Register early! The registration deadline is May 20th. After this date, courses with insufficient enrollment will be cancelled, and registration will be allowed only for courses that still have openings. Registration for non-cancelled summer classes will close on Friday, May 28th.

REFUNDS AND COURSE CANCELLATIONS

The Mundelein High School Summer School Program is self-supporting. Therefore, we reserve the right to cancel any class that does not meet minimum enrollment guidelines. If a course is cancelled, a student will be given the opportunity to switch to another course with available openings or to receive a course fee refund. **No refunds will be made unless the class is officially cancelled due to insufficient enrollment.**

TUITION

The tuition fees for summer school are as follows:

| | |
|-----------------------------|----------------------|
| In-district students: | \$150.00 per session |
| Out-of-district students: | \$225.00 per session |
| Safety Ed/Behind the Wheel: | \$350.00 |

Payment is made at the time of registration. Checks, Visa, Master Card or cash are acceptable. Checks should be made payable to Mundelein High School. Online registration is available when paying with Visa or Master Card only. Go to the MHS website at www.d120.org, click on RevTrak and use the Summer School registration link. Driver's Education registration will only be accepted in person. **No refunds will be made unless the class is officially cancelled due to insufficient enrollment.**

INCOMING FRESHMEN

Incoming 9th grade students are eligible to take Algebra 1 (2nd term), Algebra 2 (2nd term), Health Education, Intro to Algebra, Microsoft Applications I, and Spanish 1 (2nd term).

ATTENDANCE

Session 1 and Session 2 classes will be held from 7:50 a.m. to 11 a.m., 3 hours, 10 minutes a day, for 19 days to total the 60 hours required to earn 1/2 credit. Safety Education and Behind the Wheel classes will meet as described on their course information page.

The condensed Summer School curriculum requires prompt and regular student attendance. The attendance policy during summer School is based on the intensive nature of the instruction. Students arriving up to one hour late to academic classes will have one hour of absence recorded with portions of an hour being counted as a full hour. **Seven (7) hours of absence will result in a failing grade in an academic course. Two (2) days of absence will also cause a failing grade.** In Safety Education and Behind the Wheel, **three (3) days of absence will result in a failing grade.**

OUT OF DISTRICT STUDENTS

Any student may attend Mundelein High School's Summer School program. Students who do not attend Mundelein High School during the school year should confirm with their home school counselor that the course credit will be accepted. **Students residing in the Mundelein High School District 120 area will be scheduled first.**

TRANSPORTATION

Transportation is not provided for the high school Summer School.

ALL MUNDELEIN HIGH SCHOOL RULES REGARDING BEHAVIOR APPLY DURING SUMMER SCHOOL. LOG ONTO

http://www.d120.org/students/student_handbook.aspx

CREDIT ADVANCEMENT

COURSE DESCRIPTIONS

Assessment Strategies: Grade 10-11

Session 1

Assessment Strategies is for students who want to improve their performance on the ACT (a college admission test) and the PSAE (Prairie State Achievement Exam). The PSAE is given in April to all Juniors. It is comprised of the ACT (Day 1) and the WorkKeys (Day 2). In this class, students will take practice tests, learn test-taking strategies such as pacing, and benefit from lessons targeted to the content of the standardized tests. Students will also utilize online resources to assist them in preparing for the ACT and PSAE. Grades are pass/fail only. (0.5 elective credit)

Algebra 1 - Term 2: Grade 9

Session 2

This course is designed for students who have taken Algebra 1 in middle school, but did not place into Algebra 2 at Mundelein High School. By the end of Algebra 1, the student will read, write, solve and interpret single-variable equations and systems of linear equations; graph points, linear equations and inequalities on a number line and a coordinate plane, and interpret and determine linear equations given sufficient data; manipulate numerical expressions using appropriate mathematical operations regarding real numbers; convert units of measurement (length, volume, area, weight and time) in real world situations; estimate and determine measurements (length, perimeter, area, surface area and volume) of common geometric figures and combinations of common geometric figures; compute the probability of independent events and be able to calculate, interpret and use measures of central tendency drawing information from a variety of sources (graphs, charts, tables); and use variables and mathematical symbols to represent, simplify and evaluate expressions. A graphing calculator is required. (.5 Math credit)

Algebra 2: Grades 9, 10, 11

Session 1 – Term 1; Session 2 - Term 2

This is a second year course in Algebra using real number operations, variables, exponents, roots, and graphing to solve a variety of mathematical and real world problems. Term 2 can be taken alone by incoming freshmen or students who have taken Algebra 2 Essentials for a review of Algebra 2 concepts prior to placement in GTA. A graphing calculator is required. (.5 Math credit per session)

American Government and Politics: Grades 11, 12

Session 1

By the end of American Government and Politics, the student will analyze the roles and influences of individuals, groups and media in shaping public policy at the state and national level; examine how local, state and national governments provide for the common defense and maintain social order while still securing the blessings of liberty and ensuring justice for all; examine the role of the electorate in preventing the abuse of governmental authority; and explain how local, state and national governments use their power in order to promote the common good for its citizens. This course is a graduation requirement. **Prerequisite: U.S. History** (.5 Social Studies credit)

Consumer Economics: Grades 11, 12

Session 2

By the end of Consumer Economics, the student will examine how both the short and long term effects of a decision must be considered before making it; analyze the level of competition and cooperation in our economic system in terms of efficiency and equity; examine how the concept of opportunity cost is fundamental to being an intelligent consumer; explain how quality of a decision at the individual, community or national level can be judged through a cost/benefit approach; and examine the proper role for the government in a free market economy. The student will meet the state requirement for consumer education by successfully completing the course. (.5 Social Studies credit)

French 2: Grades 10, 11, 12

Session 1 – Term 1; Session 2 - Term 2

By the end of French 2, the student will use communication strategies to participate in an immersion classroom environment; express opinions on a variety of topics; speak about events that occurred in the past; conjugate and use verbs in the present, past and immediate future; give and respond to positive and negative commands; use new vocabulary to give and ask for information regarding leisure activities, food and locations in a city or in the countryside; use direct and indirect object pronouns to replace previously mentioned people or items to avoid unnatural repetition; use and distinguish between the definite, indefinite and partitive articles; read, listen to and interpret written and aural passages to provide specific information for a variety of purposes; acquire new vocabulary of at least 500 French words; and write a paragraph in French demonstrating proper use of verb tenses, noun-adjective placement and agreement, definite and indefinite articles and proper sentence structure. **Student must register for both Session 1 and Session 2.** (.5 Elective credit per session)

Health Education: Grades 9, 10

Session 2

This graduation requirement is available to all students. By the end of Health Education, the student will comprehend concepts related to health promotion and disease prevention to enhance Health; analyze the influence of family, peers, culture, media, technology and other factors on health behaviors; demonstrate the ability to assess valid information and products and services to enhance health; and demonstrate the ability to use effective communication and decision-making skills to enhance overall health. (.5 Health credit)

Honors Chemistry: Grades 10, 11

Session 1 – Term 1; Session 2 - Term 2

By the end of Honors Chemistry, the student will design and analyze experiments and data using the scientific method; apply the conservation of Matter to chemical reactions using chemical equations and stoichiometry; describe the structure of the atoms and relate the structure to the properties elements and how atoms bond; determine formulas and names of compounds; read and find information on the periodic table and relate the organization of the periodic table to the chemical and physical properties; apply gas laws to solve problems relating temperature, pressure, volume and quantity of matter; use the kinetic molecular theory to explain gas behaviors; distinguish between acids and bases according to their properties, characteristics and definitions; explain the characteristics of chemical equilibrium and the factors that cause an equilibrium disturbance; relate the properties of water to chemical interactions, calculate energy changes and interpret energy related diagrams; and differentiate between the different types of solution, define colligative properties, solve solution problems and interpret solution diagrams. **Student must register for both Session 1 and Session 2. Prerequisite: Biology** (.5 Science credit per session)

Intro to Algebra: Grade 9

Session 2

This course is intended for students who placed into Algebra 1 Essentials, but would like to be in Algebra 1. Students who receive a B or better at the end of this course will be placed into Algebra 1 for the 2010-2011 school year. Students who receive a C or lower will be placed into Algebra 1 Essentials in the fall. (.5 Elective credit)

Microsoft Applications I: Grades 9, 10, 11, 12

Session 2

This class includes basic keyboarding instruction. By the end of Microsoft Applications I, students will demonstrate effective use of Word, Excel, PowerPoint and Publisher. (.5 Elective credit)

Spanish 1 – Term 2: Grade 9

Session 2

By the end of Spanish 1-Term 2, the student will do the following in Spanish for basic communication purposes: use strategic competencies to orally participate only in Spanish in the classroom; recognize and use cognates to communicate in Spanish; use the alphabet and phonetics to improve pronunciation and written communication; use knowledge of numbers for a variety of purposes both orally and in writing; use common forms of courtesy and greetings in the classroom and beyond; and ask and/or respond appropriately to simple commands, questions and directions on a variety of topics, and in a variety of situations. (.5 Elective Credit)

Spanish 2: Grades 10, 11, 12

Session 1 – Term 1; Session 2 - Term 2

By the end of Spanish 2, the student will achieve and demonstrate the following skills in Spanish for basic communication purposes and to build an appreciation, understanding of, and a respect for Spanish-speaking cultures. The student will use communication strategies to participate in an immersion classroom environment; express likes and dislikes on a variety of topics; express information that occurred in the past and the concept of time using "hace que"; conjugate and use in oral and written form the verbs in the present, past, immediate future and progressive tenses; respond to and give positive and negative commands; use new vocabulary to give and ask for information regarding travel, vacations, clothing, body parts, food and locations in a city; use object pronouns in a variety of ways; use past participles as adjectives; read, listen to, and interpret written and aural passages to provide specific information for a variety of purposes; acquire new vocabulary of at least 500 words in Spanish; write a paragraph in Spanish in the past tense that includes: subject-verb agreement, noun-adjective placement and agreement, definite/indefinite articles, positive and negative words; use formal commands with pronouns; form adverbs from adjectives; and circumlocute and use strategies to speak in Spanish at all times. **Student must register for both Session 1 and Session 2.** (.5 Elective credit per session).

CREDIT RECOVERY COURSE DESCRIPTIONS

Algebra 1: Grades 10, 11, 12

Session 1 – Term 1; Session 2 - Term 2

This course is designed for students who need to repeat or complete Term 1 and/or 2 of Algebra 1. By the end of Algebra 1, the student will read, write, solve and interpret single-variable equations and systems of linear equations; graph points, linear equations, and inequalities on a number line and a coordinate plane, and interpret and determine linear equations given sufficient data; manipulate numerical expressions using appropriate mathematical operations regarding real numbers; convert units of measurement (length, volume, area, weight and time) in real world situations; estimate and determine measurements (length, perimeter, area, surface area and volume) of common geometric figures and combinations of common geometric figures; compute the probability of independent events and be able to calculate, interpret, and use measures of central tendency drawing information from a variety of sources (graphs, charts, tables); and use variables and mathematical symbols to represent, simplify, and evaluate expressions. A graphing calculator is necessary. (.5 Math credit per session)

Algebra 2 Essentials: Grades 10, 11, 12

Session 1 – Term 1; Session 2 - Term 2

This course is designed for students who need to repeat or complete Term 1 and/or 2 of Algebra 2 Essentials or Algebra 2. This is a second year course in algebra using real number operations, variables, exponents, roots, and graphing to solve a variety of mathematical and real world problems. A graphing calculator is required.
(.5 Math credit per session)

American Government and Politics: Grades 11, 12

Session 2

This course is designed for students who need to repeat American Government and Politics. By the end of Government, the student will analyze the roles and influences of individuals, groups and media in shaping public policy at the state and national level; how local, state and national governments provide for the common defense and maintain social order while still securing the blessings of liberty and ensuring justice for all; examine the role of the electorate in preventing the abuse of governmental authority; and explain how local, state and national governments use their power in order to promote the common good for its citizens. This course is a graduation requirement. **Prerequisite: U.S. History** (.5 Social Studies credit)

Biology: Grades 10, 11, 12

Session 1 – Term 1; Session 2 - Term 2

This course is designed for students who need to repeat Term 1 and/or 2 of Biology. By the end of Biology, the student will demonstrate the ability to apply scientific reasoning to the design, execution and evaluation of scientific investigations; explain how living things grow and develop, and how cells form more complex structures that specialize in the performance of particular life functions; explain how genetic information is passed from one generation to the next and how inherited traits are influenced by genetic mutation; explain how natural selection works over time to produce a succession of diverse new species that are adapted to their individual environments; explain how organisms obtain and utilize the energy and matter they need to live and grow; and describe interactions among and between populations of living organisms and their environments. (.5 Science credit per session)

Chemistry: Grades 11, 12

Session 1 – Term 1; Session 2 - Term 2

This course is designed for students who need to repeat Term 1 and/or 2 of Chemistry. By the end of Chemistry, the student will design and analyze experiments and data using the scientific method; apply the conservation of Matter to chemical reactions using chemical equations and stoichiometry; describe the structure of the atoms and relate the structure to the properties elements and how atoms bond; determine formulas and names of compounds; read and find information on the periodic table and relate the organization of the periodic table to the chemical and physical properties; apply gas laws to solve problems relating temperature, pressure, volume and quantity of matter; use the kinetic molecular theory to explain gas behaviors; and distinguish between acids and bases according to their properties, characteristics and definitions.

Prerequisite: Biology (.5 Science credit per session)

Conceptual Physics: Grades 10, 11, 12

Session 1 – Term 1; Session 2 - Term 2

This course is designed for students who need to repeat Term 1 and/or 2 of Conceptual Physics. By the end of Conceptual Physics, the student will understand and apply concepts in the scientific method and reasoning; linear motion; projectile motion, Newton's laws of motion; momentum and impulse; work, energy, and power; fluid mechanics; rotational mechanics; universal gravitation and satellite motion; electricity; magnetism; wave properties of sound; and wave properties of light. (.5 Science credit per session)

Consumer Economics: Grades 11, 12

Session 1

This course is designed for students who need to repeat Consumer Economics. By the end of Consumer Economics, the student will examine how both the short and long-term effects of a decision must be considered before making it; analyze the level of competition and cooperation in our economic system in terms of efficiency and equity; examine how the concept of opportunity cost is fundamental to being an intelligent consumer; explain how quality of a decision at the individual, community or national level can be judged through a cost/benefit approach; and examine the proper role for the government in a free market economy. The student will meet the state requirement for consumer education by successfully completing the course. (.5 Social Studies credit)

English Summer School: Grades 10, 11, 12

Session 1 – Term 1; Session 2 - Term 2

This course is designed for students who need to complete or repeat Term 1 and/or 2 of English 1 Essentials, English 1, English 2 Essentials, English 2 or English 3. English Summer School students will continue to develop reading, writing, speaking and listening skills in accordance with the Illinois Learning Standards, but with a slightly greater focus on the essential elements of each skill. Through thematic units and genre study of literature, vocabulary, composition, research and grammar, students will begin to understand the concepts of reading, writing and learning as processes. This course will be differentiated for students in each level. (.5 English credit per session)

Geometry: Grades 10, 11, 12

Session 1 – Term 1; Session 2 - Term 2

This course is designed for students who need to repeat or complete Term 1 and/or 2 of Geometry. All of the standard elements of geometry will be introduced visually, analytically, inductively and finally deductively. The students will make conjectures and then investigate those conjectures in a variety of ways. A graphing calculator is required.

(.5 Math credit per session)

Health Education: Grade 10, 11, 12

Session 1

This course is designed for students who need to repeat Health Education. By the end of Health Education, the student will comprehend concepts related to health promotion and disease prevention to enhance Health; analyze the influence of family, peers, culture, media, technology and other factors on health behaviors; demonstrate the ability to assess valid information and products and services to enhance health; and demonstrate the ability to use effective communication and decision-making skills to enhance overall health. (.5 Health credit)

NovaNET Lab: Grades 11, 12

Session 1 or 2

NovaNET is an individualized, computer interaction program that enables students to recover credits lost due to previous failures. Core content courses are organized around a series of units covering specific concepts and/or skills. Courses may be accompanied by a requirement of off-line assignments to ensure integrity of the education. NovaNET may be an option to students whose original summer school class registration was cancelled due to low enrollment. **Final enrollment in NovaNET is decided upon by the Student Support Department.**

Physical Education: Grades 11, 12

Session 1

Physical Education is a course option for juniors and seniors who need to make up a P.E. term failure. By the end of Physical Education, the student will demonstrate understanding movement concepts, principles, strategies and tactics as they apply to the learning and performance of physical activities; understand the health-related components of fitness, participate in various types of fitness activities and describe the benefits of each (components include body composition, cardio respiratory endurance, muscular strength, muscular endurance, and flexibility); understand that there is a positive relationship between participation in physical activities and wellness (Students are introduced to a variety of physical activities that will help them to develop personal fitness goals.); analyze environments and situations for safety and apply this analysis to their physical activities to ensure maximum positive results with minimum safety hazards; and enjoy expressing their feelings through play and other physical activities. (.5 P.E. credit)

Senior English: Grade 12

Session 1

This course is designed for students who need to complete or repeat Senior English. By the end of Senior English, the student will comprehend, analyze, and evaluate a variety of texts in a variety of situations with appropriate skills and strategies; identify, analyze and evaluate how intended audience and author's purpose communicate meaning in text with increasing sophistication and independence; identify, apply, and evaluate appropriate and increasingly more sophisticated organizational strategies to achieve intended audience (with own and other's work); identify, analyze, evaluate, and demonstrate appropriate editing and revising skills with increased sophistication and independence to improve style with own and other's work; demonstrate the informed use of research materials, as well as the ability to synthesize varied sources; and identify, analyze, evaluate, and demonstrate effective speaking and listening. (.5 English credit)

U.S. History: Grades 11, 12

Session 1 – Term 1; Session 2 - Term 2

This course is designed for students who need to repeat Term 1 and/or 2 of U.S. History. By the end of U.S. History, the student will analyze how the United States' political, military and economic actions affected our nation as well as other nations; determine the long-term effects of historical events, people, ideologies and geography on American society; evaluate the impact of social, political and economic changes of freedom, equality, and opportunity for people in America; examine the importance of individuals and groups in enacting change in a democracy; and analyze cause and effect relationships as they relate to historical events. U.S. History is a requirement for graduation. **Prerequisite: World Studies** (.5 Social Studies credit per session)

World Studies Essentials: Grade 10, 11

Session 1 – Term 1; Session 2 - Term 2

This is a course designed for those students who need to repeat Term 1 and/or 2 of World Studies or World Studies Essentials. In this course, students focus on selected regions of the world such as Europe, the Americas, Africa, and Asia. They examine how history, geography, economics and politics shape human interaction over time. Current and historical topics are explored through projects, debate and simulations. Students will learn the role of geography and culture in world history. Emphasis will be given to skill development in reading, writing and communication. Students will learn essential strategies necessary for academic success in social studies. (.5 Social Studies credit per session)

Summer School Calendar

SESSION 1 SUMMER SCHOOL

| Monday | Tuesday | Wednesday | Thursday | Friday |
|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | June 1 7:50 - 11 am | June 2 7:50 - 11 am | June 3 7:50 - 11 am | June 4 7:50 - 11 am |
| June 7 7:50 - 11 am | June 8 7:50 - 11 am | June 9 7:50 - 11 am | June 10 7:50 - 11 am | June 11 7:50 - 11 am |
| June 14 7:50 - 11 am | June 15 7:50 - 11 am | June 16 7:50 - 11 am | June 17 7:50 - 11 am | June 18 7:50 - 11 am |
| June 21 7:50 - 11 am | June 22 7:50 - 11 am | June 23 7:50 - 11 am | June 24 7:50 - 11 am | June 25 7:50 - 11 am |

SESSION 2 SUMMER SCHOOL

| Monday | Tuesday | Wednesday | Thursday | Friday |
|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | July 6 7:50 - 11 am | July 7 7:50 - 11 am | July 8 7:50 - 11 am | July 9 7:50 - 11 am |
| July 12 7:50 - 11 am | July 13 7:50 - 11 am | July 14 7:50 - 11 am | July 15 7:50 - 11 am | July 16 7:50 - 11 am |
| July 19 7:50 - 11 am | July 20 7:50 - 11 am | June 21 7:50 - 11 am | July 22 7:50 - 11 am | July 23 7:50 - 11 am |
| July 26 7:50 - 11 am | July 27 7:50 - 11 am | July 28 7:50 - 11 am | July 29 7:50 - 11 am | July 30 7:50 - 11 am |

SAFETY EDUCATION AND BEHIND THE WHEEL FAQ's

REGISTRATION

Registration will begin March 18, 2010 in the Student Support Services Office from **7:30 a.m. until 3:30 p.m. Monday through Friday** and will continue until April 30, 2010 or until all available spots are filled. Behind the Wheel classes during the summer have been very popular. Please understand that enrollments are limited. Register **EARLY** in order to be assured of entry to Behind the Wheel, space is limited. **A birth certificate and school I.D. card** are required for registration. **Registration for Driver's Education will only be accepted in person.**

ELIGIBILITY

Safety Education and Behind the Wheel courses are offered to students who have completed one year of high school. Students are required to have passed eight courses the previous two semesters. A freshman student who turned **fifteen before May 20, 2010 would be eligible for Session 1** Summer School Driver's Education. A freshman student who turned **fifteen before June 20, 2010 would be eligible for Session 2** Summer School Driver's Education. **District 120 students are given preference.** Should space permit, out-of-district students will be accepted on a first-come, first-served basis.

TUITION

The Safety Education/Behind the Wheel fee is \$350.00. **NO REFUNDS** will occur unless driving times are cancelled. Payment is made at the time of registration. **Registration for Driver's Education can only be made in person.** Checks, Visa, Master Card or cash are acceptable. Checks should be made payable to Mundelein High School. Refunds will be made if the class is cancelled due to insufficient registration.

ATTENDANCE

Safety Education: This course is the classroom phase. This 80-minute class is offered at 7:30 a.m., **Monday through Friday. Session 1** will begin on Tuesday, **June 1, 2010** and end on Friday, **June 25, 2010. Session 2** will begin on Tuesday, **July 6, 2010** and end on Friday, **July 30, 2010.**

Behind the Wheel: Classes are 80 minutes in length. **Session 1** will begin on Tuesday, **June 1, 2010** and end on Friday, **June 25, 2010. Session 2** will begin on Tuesday, **July 6, 2010** and end on Friday, **July 30, 2010.** Students will be placed in groups and notified of their group dates and times by mail.

Students arriving up to 1 hour late to academic classes will have 1 hour of absence recorded, with portions of an hour being counted as a full hour. In Safety Education and Behind the Wheel, 3 absences will result in a failing grade.

ENROLLMENT

The following is required to enroll in the summer school driver's education class:

- ❖ Registration form
- ❖ \$350 class fee
- ❖ Copy of student's birth certificate
- ❖ School ID
- ❖ Instruction permit application and \$20 fee payable to the Illinois Secretary of State (will be required at the Instruction Permit test held in May)

STATE REGULATIONS

The following is required by State Law to obtain an Illinois driver's license:

- ❖ Must be 16 years of age
- ❖ Must have completed a state-approved driver's education course
- ❖ Driver's permit must be held for a minimum of nine months
- ❖ Must practice driving a minimum of 50 hours, including 10 hours of nighttime driving, supervised by an adult 21 years of age or older
- ❖ A social security number is necessary to obtain a driver's license. Allow three weeks between application and receipt of a social security number.

INSTRUCTION PERMIT

Information regarding the instruction permit test will be mailed to the parents of registered Behind the Wheel students in May. Tentatively, on Wednesday, May 19th, registered students will meet at Mundelein High School in Room 171 at 1:00 pm to complete the instruction permit application. The Instruction permit test will be given at Mundelein High School on Thursday, May 20th, in Room 171 at 1:00 pm. **All Summer School Behind the Wheel students are encouraged to attend this testing session.** If you are unable to attend this session you will receive the form necessary to take the Permit test at an Illinois License Facility.

OUT OF DISTRICT STUDENTS

Any student may attend Mundelein High School's summer school program. Students who do not attend Mundelein High School during the school year should confirm with their home school counselor that the course credit will be accepted. **Students residing in the Mundelein High School District 120 area will be scheduled first.**

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