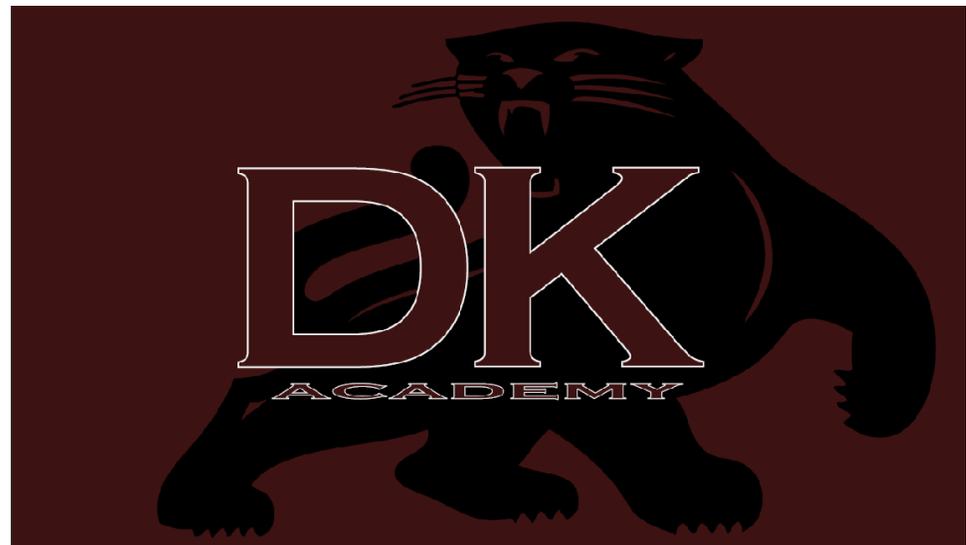




Course Selection Guide 2019-2020



Course Selection Guide

DK ACADEMY
2019-2020

The Michigan Merit Curriculum High School Graduation Requirements

Effective Beginning with Students
Entering 8th Grade in 2006

4 Credits - ENGLISH LANGUAGE ARTS

English Language Arts 9, English Language Arts 10, English Language Arts 11, English Language Arts 12

4 Credits - MATHEMATICS

Geometry, Algebra I, Algebra II, one math or math-related course in final year of high school

3 Credits - SCIENCE

Biology, Chemistry or Physics, one additional science credit

3 Credits - SOCIAL STUDIES

World History & Geography, U.S. History & Geography, .5 credits in both Civics and Economics

1/2 Credit - PHYSICAL EDUCATION

1/2 Credit - HEALTH

1 Credit - VISUAL, PERFORMING and APPLIED ARTS

2 Credits - World Language or 1 Credit Visual/Performing/Applied Art and 1 Credit World Language

18 - TOTAL CREDITS REQUIRED

The school year is two semesters. Students must earn .5 credit every three weeks and are encouraged to earn as many credits as possible each semester.

Any student transferring in must earn a minimum of 1/2 credit from DK Academy to be eligible for graduation.

VISUAL, PERFORMING AND APPLIED ARTS

The successful completion of 1 full credit of visual, performing and/or applied arts is required for graduation.

Course #	Course Name	Course Level	Credits	Sequence
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600 DKAC-ED	Art History and Appreciation	05 151	G 0.50	"1 of 1"
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This PLATO course is available online only

By the end of this course, you will be able to do the following: Identify the concepts of art, expression, and creativity. Demonstrate an understanding of art vocabulary and the art evaluation process. Identify principles and characteristics of Egyptian, Classical Greek, and Roman art. Examine technological developments in Greek and Roman architecture. Identify and classify the main principles of Renaissance art. Identify and analyze key aesthetic principles of art around the world. Evaluate and characterize the relationship between art and science in the early modern world. Assess the relationship between art and politics in the early modern world. Recognize and describe the cultural importance of modern design in the world today. Analyze pre-digital visual culture from the 1950s to the end of the 20th century.

ADDITIONAL CTE PLATO ONLINE CLASSES AVAILABLE UPON STAFF APPROVAL TO FULFILL 2ND 1/2 CREDIT OF VISUAL, PERFORMING, AND APPLIED ARTS REQUIREMENT IF NEEDED BY STUDENT TO GRADUATE

Accounting A; Applied Medical Terminology A; Audio/Video Production 1A; Business Information Management A; Certified Nurse Aida A; Child Development and Parenting A; CompTIA A+; Computer Programming 1A, Culinary Arts A; Digital and Interactive Media A; Drafting and Design A; Entrepreneurship A; Game Development; Graphic Design and Illustration A; Health Science 1A; International Business; Introduction to Android Mobile App Development; Introduction to Criminology; Introduction to Cybersecurity; Introduction to Fashion Design; Introduction to Finance; Introduction to iOS Mobile App Development; Introduction to Social Media, Marketing, Advertising and Sales; Music Appreciation; Principles of Agriculture, Food and Natural Resources A; Principles of Architecture and Construction A; Principles of Arts, A/V Technology and Communications A; Principles of Business, Marketing and Finance A; Principles of Education and Training A; Principles of Engineering and Technology A; Principles of Government and Public Administration A; Principles of Health Science A; Principles of Hospitality and Tourism A; Principles of Human Services A; Principles of Information Technology A; Principles of Law, Public Safety, Corrections, and Security A; Principles of Manufacturing A; Principles of Transportation, Distribution and Logistics A; Professional Communications; Professional Photography A; Robotics IA; Sports and Entertainment Marketing; Web Technologies A.

PHYSICAL EDUCATION & HEALTH

DK Academy students are required to complete a 1/2 credit of physical education and a 1/2 credit of health in order to graduate.

Course #	Course Name	Course Level	Credits	Sequence
0702	DKAC-ED Physical Education	08 016	G 0.50	"1 of 1"

This PLATO course is available online only

By the end of this course, you will be able to do the following: Understand and prevent injuries associated with regular exercise. Analyze different types of physical activity in terms of their contribution to fitness. Describe the importance of muscular fitness to overall health and wellness. Explain what flexibility is and different methods to measure and improve it. Identify and describe the basic principles of biomechanics. Evaluate influences that can affect physical activity and lifelong exercise preferences. Design a personal fitness program using the FITT principle. Explain the impact of cultural and media perceptions on physical activity.

Course #	Course Name	Course Level	Credits	Sequence
0350	DKAC-ED Health	08 051	G 0.50	"1 of 1"

This PLATO course is available online only

By the end of this course, you will be able to do the following: Identify characteristics of a healthy diet. Describe the relationship between dietary guidelines, foods, and serving sizes. Identify the relationship between nutrition and chronic disease. Describe the benefits of physical activity. Explain the relationship between a sedentary lifestyle and chronic diseases. Develop strategies for preventing disease and injury. Evaluate the effect that peer pressure has on teenagers. Evaluate the physical, emotional, and social benefits of health sexual practices, including abstinence. Analyze the harmful effects of using dietary supplements and steroids. Describe the benefits of medicines and the risks involved in the misuse of them. Identify types of mental and emotional health issues.

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CONTACT INFORMATION

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ENGLISH

DK Academy students are required to take 4 credits of English which includes English 9, English 10, English 11, and English 12. Students who choose English electives outside of these required classes must still take the necessary English class for their level even though they have fulfilled their four credit requirements. In other words, students may not take elective English classes in lieu of the required courses.

Course #	Course Name	Course Level	Credits	Sequence
0120A	DKAC-ED English 9A	01 001	G 0.50	"1 of 2"
0120B	DKAC-ED English 9B	01 001	G 0.50	"2 of 2"

Both of these PLATO courses are available online only

In English 9A, you will study a variety of techniques to improve your reading comprehension and writing skills. The instruction covers many types of writing: creative, descriptive, expository, narrative, and persuasive. In English 9A, you will read and analyze literature in different genres as well as practice skills related to good study habits. You will sharpen your writing skills as you evaluate literary works with regard to literary technique, form, and theme. In English 9B, you will study a variety of techniques to improve your reading comprehension and writing skills. The instruction covers many types of writing: creative, descriptive, expository, narrative, and persuasive. In English 9B, you will read and analyze Shakespeare's play Romeo and Juliet, as well as read speeches and essays to evaluate their arguments. You will write evaluations of literary works with regard to literary techniques, form, and theme.

0121A	DKAC-ED English 10A	01 002	G 0.50	"1 of 2"
0121B	DKAC-ED English 10B	01 002	G 0.50	"2 of 2"

Both of these PLATO courses are available online only

In English 10A you will explore the different literary devices used in short stories, such as subject, theme, mood, plot, and narration. You will read and analyze a variety of literary works to learn more about a particular literary device. The second unit covers many types of informational texts. In the third unit, you will read and study drama from a range of eras. In addition, you will complete writing activities in which you will employ analytical and persuasive skills. In English 10A, you will also study a variety of techniques to improve your reading comprehension, writing skills, and grammar and mechanics. In English 10B you will explore characteristics of different genres of fiction, such as realistic fiction, historical fiction, and science fiction, and analyze historical context, theme, and genre in Franz Kafka's novella The Metamorphosis. The second unit covers many types of nonfiction writing, including memoirs, personal essays, public essays, speeches, and narrative nonfiction. In the third unit, you will analyze traits and genres of poetry. In addition, you will complete writing activities in which you will employ analytical and persuasive skills. In English 10B, you will also study a variety of techniques to improve your reading comprehension, writing skills, and grammar and mechanics.

FOREIGN LANGUAGE

Beginning with the Class of 2016 students will be required to complete 2 credits of World Languages or 1 credit World Language and 1 additional credit of Visual/Performing/Applied Arts

Course #	Course Name	Course Level	Credits	Sequence
###	DKAC-ED Spanish 1A	06 101	G 0.50	"1 of 2"
###	DKAC-ED Spanish 1B	06 101	G 0.50	"2 of 2"

Both of these PLATO courses are available online only

In Spanish 1A, you'll be introduced to several common situations in which people communicate, such as exchanging names and greetings, describing people by physical and personality traits, and describing family members and aspects of your social life. You'll start with basic sentence structures and grammatical tools, and you'll learn to communicate by listening, speaking, reading, and writing in Spanish as you internalize new vocabulary and grammar. You'll also learn about some regions of the Spanish speaking world where the central characters of each unit are visiting. You will build on this semester's work as you advance in your Spanish studies: everything that you learn about a language and the cultures in which it is spoken will serve as a foundation for further learning. In Spanish 1B, you'll be introduced to several common situations in which people describe how to earn, save, and manage money, modes of urban transportation, various seasons and the associated weather conditions, food, clothes, and activities. You'll also describe various art forms, plays, concerts, and movies. You'll discuss health and well-being and travel and tourism. You'll build on what you learned in the Spanish 1B course to communicate by listening, speaking, reading, and writing in Spanish as you internalize new vocabulary and grammar. You'll also learn about some regions of the Spanish-speaking world where the central characters of each unit are visiting .

###	DKAC-ED Spanish 2A	06 102	G 0.50	"1 of 2"
###	DKAC-ED Spanish 2B	06 102	G 0.50	"2 of 2"

Both of these PLATO courses are available online only

In Spanish 2A, you'll be reintroduced to Spanish in common situations, beginning with describing classes, school friends, teachers, and school supplies. You'll discuss different styles of dressing, housing and neighborhoods, and learn about relationships between family members and friends, students and teachers, and employees and employer. You'll also describe daily personal routines and schedules, household chores and family responsibilities. Finally, you'll discuss different types of cuisine, dining establishments, and dining etiquette. You'll build on what you learned in Spanish 1B to communicate by listening, speaking, reading, and writing in Spanish as you internalize new vocabulary and grammar. You'll also learn about some regions of the Spanish speaking world where the central characters of each unit are visiting. In Spanish 2B, you'll be reintroduced to Spanish in common situations, beginning with various professions and career plans for the future. You'll discuss traveling to different regions and the flora and fauna found in each region and describe different types of trips, including road trips, camping, and ecotourism. You'll also describe different hobbies, activities, and crafts that people enjoy. Finally, you'll discuss about different medical specialists, including dentists and veterinarians, and describe symptoms related to illness and injury.

Course #	Course Name	Course Level	Credits	Sequence
0301	DKAC-ED Economics	04 201	G 0.50	"1 of 1"

This PLATO course is available online only

Economics is a social science that examines how goods and services are created, consumed, and exchanged. This course covers basic economic problems such as scarcity, choice, and effective use of resources. It also covers topics on a larger scale such as market structures and international trade. It particularly focuses on the US economy and analyzes the role of the government and the Federal Reserve System.

0305	DKAC-ED World History A	04 052	G 0.50	"1 of 2"
0306	DKAC-ED World History B	04 052	G 0.50	"2 of 2"

Both of these PLATO courses are available online only

World History A is designed to strengthen your understanding of world history and geography. In the first unit, you will learn about ancient civilizations and the origins of world religions. In the second unit, you will learn about Chinese, Indian, and Mediterranean civilizations. In the third unit, you will study the collapse of several major world empires and the development of civilizations in eastern Asia and western Europe during the Middle Ages. You will also explore the Mesoamerican, Andean, and African civilizations. Finally, you will learn about the impact of European colonialism and the slave trade. World History B is designed to strengthen your understanding of world history and geography. The first unit reviews the major political revolutions that shaped the world. The second unit focuses on the impact nationalism and imperialism have had on the world. In the third unit, you will study the causes, effects, and major events of the World Wars. The fourth unit explains the growth of communism and the development of Cold War politics. You will also study decolonization in Asia and Africa and the rise of nationalism. In the last unit, you will learn about the effects of globalization and the global threat of terrorism.

Course #	Course Name	Course Level	Credits	Sequence
0124A	DKAC-ED English 11A	01 003	G 0.50	"1 of 2"
0124B	DKAC-ED English 11B	01 003	G 0.50	"2 of 2"

Both of these PLATO courses are available online only

In English 11A you will study a variety of techniques to improve your reading comprehension and writing skills. The instruction covers many types of writing: creative, descriptive, expository, narrative, and persuasive. In English 11A, you will read and analyze different genres in literature with an emphasis on American literary movements over time. You will also complete writing activities to evaluate literary works with regard to literary techniques, form, and theme. In English 11B you will study a variety of techniques to improve your reading comprehension and writing skills. The instruction covers many types of writing: creative, descriptive, and narrative. In English 11B, you will read and analyze a variety of literary genres with an emphasis on modern American literature and literary movements. You will also complete writing activities to evaluate various literary works in regard to literary techniques, form, and theme.

0125A	DKAC-ED English 12A	01 004	G 0.50	"1 of 2"
0125B	DKAC-ED English 12B	01 004	G 0.50	"2 of 2"

Both of these PLATO courses are available online only

In English 12A you will explore the relation between British history and literature from the Anglo-Saxon period through the neoclassical era, including the works of Shakespeare. You will read and analyze a variety of literary works from this time period using relevant cultural and political history presented in each lesson. In English 12A you will also study a variety of techniques to improve your reading comprehension, writing skills, and grammar and mechanics. The instruction covers many types of writing: creative, descriptive, expository, narrative, and persuasive. In addition you will complete writing activities in which you will employ analytical and persuasive skills. In English 12B you will explore the relation between British history and literature from the romantic period to the modern era. You will read and analyze a variety of literary works from this time period in the context of relevant cultural and political history. In English 12B you will also study a variety of techniques to improve your reading comprehension, writing skills, and grammar and mechanics. The instruction covers many types of writing: creative, descriptive, expository, narrative, and persuasive. In addition you will complete writing activities in which you will employ analytical and persuasive skills.

MATH

Recommendations for placement in all mathematics classes will be determined to a large extent, on mastery/proficiency pre-requisite assessments, as well as teacher evaluations. You must have 1 credit of Algebra 1, 1 credit of Geometry, a completed course of Algebra 2 and 1 credit of math your senior year to fulfill the requirements for the Michigan Merit Curriculum.

Course #	Course Name	Course Level	Credits	Sequence
0200A	DKAC-ED Pre-Algebra A	02 051	G 0.50	"1 of 2"
0200B	DKAC-ED Pre-Algebra B	02 051	G 0.50	"2 of 2"

Both of these PLATO courses are available online only

This course provides students with an opportunity to explore some of the topics and concepts studied in Algebra I, but in less depth. Upon completion of this course, the student will be able to work with numerical and variable expressions, formulas, fractions, equations, ratios, proportions, percent, integers, inequalities, graphing and different problem solving strategies.

0204A	DKAC-ED Algebra 1A	02 053	G 0.50	"1 of 2"
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This PLATO course is available online only

Algebra 1, Semester A, is a single-semester course designed to cultivate and periodically assess your subject-matter knowledge while strengthening your mathematical skills. This course includes lessons that focus on the relationships of linear and nonlinear equations. You'll learn to create, graph, and solve linear and exponential equations and inequalities. You'll also use function notation to describe relationships between quantities and interpret function notation accurately to solve problems. Toward the end of this course, you'll study transformations of linear and exponential functions.

0204B	DKAC-ED Algebra 1B	02 054	G 0.50	"2 of 2"
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This PLATO course is available online only

Algebra 1, Semester B, is a single-semester course designed to cultivate and periodically assess your subject-matter knowledge while strengthening your mathematical skills. This course includes lessons that focus on the relationship of linear, exponential, and quadratic functions. You will create, graph, and solve quadratic equations and inequalities in one or two variables. You will also add, subtract, and multiply linear and quadratic polynomials. At the end of this course, you'll interpret, analyze, and build functions.

SOCIAL SCIENCES & HISTORY

Students are required to earn 1 credit of American History and Geography, 1/2 credit of Civics/American Government, 1/2 credit of Economics and 1 credit of World History and Geography to graduate.

Course #	Course Name	Course Level	Credits	Sequence
0302	DKAC-ED U.S. History A	04 101	G 0.50	"1 of 2"

This PLATO course is available online only

US History is the study of the events, people, and culture of the United States over time. In US History A, you will learn about the process of historical inquiry, review the events and principles behind the founding of the United States, and then apply historical inquiry to analyze societal issues, trends, and events from the Civil War through the Great Depression. You'll explore timelines to gain an understanding of how events link to each other, and you'll analyze historical documents for a firsthand sense of how events unfolded. You'll also gather evidence from relevant documents and historical texts in order to develop credible explanations of events in US history. You'll then use that evidence to evaluate change and continuity over time by writing essays and creating presentations about broad periods of historical development.

0302B	DKAC-ED U.S. History B	04 101	G 0.50	"2 of 2"
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This PLATO course is available online only

In US History B, you will apply historical inquiry to analyze societal issues, trends, and events of US history from World War II to the present, including the Cold War, Civil Rights and other social movements, the Vietnam War, modern presidencies, and responses to global terrorism. You'll explore timelines to gain an understanding of how events link to each other, and you'll analyze historical documents for a firsthand sense of how events unfolded. You'll also gather evidence from relevant documents and historical texts in order to develop credible explanations of events in US history. You'll then use that evidence to evaluate change and continuity over time.

0390	DKAC-ED Government	04 161	G 0.50	"1 of 1"
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This PLATO course is available online only

In US Government, you will learn about the principles and events that led to the founding of the United States in the eighteenth century; examine how the operations of the US government are spread among three branches of government and distributed between the national, state, and federal levels of government; explore the role of the individual citizen in the operations of the government; and, finally, apply these concepts to understanding the concrete areas of foreign, domestic, and economic policy. You'll explore timelines to gain an understanding of how events link to each other and to the structures of government that exist today, and you'll analyze historical documents for a firsthand sense of how government structures were designed. You'll also gather evidence from relevant documents and historical texts to develop credible explanations of how and why the government exists as it does.

Course #	Course Name	Course Level	Credits	Sequence
0257A	DKAC-ED Chemistry A	03 101	G 0.50	"1 of 2"
0257B	DKAC-ED Chemistry B	03 101	G 0.50	"2 of 2"

Both of these PLATO courses are available online only

Chemistry is the study of how a set of substances with particular physical properties—like solid paper and the oxygen in the air—can react with each other to form different substances with entirely different properties—like gaseous water and carbon dioxide. In most cases, these chemical changes result in an energy change as well, either giving off energy or absorbing energy. Chemistry is considered one of the core scientific disciplines because it is so practical and widely useful in the modern world. The development of new types of materials, new methods of producing or storing energy, or new methods of interacting with genetic material all depend upon knowledge of chemistry. In Chemistry A, you will learn some of the “basics” of chemistry: the atomic and molecular structures that result in different chemical properties and the concepts and tools that will enable you to predict chemical properties and chemical reactions. In Chemistry B, you will learn about key types of chemical relationships and reactions, including solutions, reversible reactions, acid-base reactions, thermochemical systems, and electrochemical systems. You will use your knowledge to analyze new situations and make qualitative and quantitative predictions. Finally, you will extend your chemical knowledge into the areas of nuclear chemistry, organic chemistry, and biochemistry.

0259A	DKAC-ED Physics A	03 151	G 0.50	"1 of 2"
0259B	DKAC-ED Physics B	03 151	G 0.50	"2 of 2"

Both of these PLATO courses are available online only

Physics is one of the three main fields of science, along with biology and chemistry. If asked what biology and chemistry deal with, most of us can come up with a one-word answer: life and chemicals respectively. Physics though, often seems like a grab bag of topics, including motion, magnets, machines, light, sound, and electrical circuits. The common thread running through all these things is that they each illustrate some very basic mathematical laws in our physical world. In brief, physics is the scientific study of matter, energy, and their most fundamental physical interactions, including attractions, repulsions, and collisions. In Physics A, you will learn about the “basics” of physics: how to describe and analyze motion, how forces interact with matter, and how to further describe these interactions with the aid of the concepts of energy and momentum. Finally, you’ll explore one more specialized topic, thermodynamics, the physics of heat. In Physics B, you will use your physical understanding of motion, forces and energy and apply that knowledge to some important, specialized topics in physics: the behavior of waves, applications of wave theory to light and optics, the interaction of electrical and magnetic forces, and the special “non-Newtonian” properties of energy and matter described by quantum theory.

Course #	Course Name	Course Level	Credits	Sequence
0205A	DKAC-ED Geometry A	02 072	G 0.50	"1 of 2"
0205B	DKAC-ED Geometry B	02 072	G 0.50	"2 of 2"

Both of these PLATO courses are available online only

In Geometry A, you will explore rigid and non-rigid transformations of figures in the coordinate plane and use them to establish congruence and similarity of triangles and other shapes. You will also prove theorems about lines, angles, triangles, and parallelograms, and build geometric constructions using both basic tools and modern technology. In conclusion, you will apply your knowledge of triangles as you investigate the mathematics of trigonometry. In Geometry B, you will review the volume formulas for some common solid figures as you extend your knowledge of two-dimensional shapes to three-dimensional shapes. You will also transition from primarily Euclidean geometry to analytical geometry—a segment of geometry focused on numerical measurements and coordinate algebra. You will use analytical geometry and observations to investigate the properties of circles and constructions related to circles. Geometry B closes with a study of independent and conditional probability and how you can use probability models to represent situations arising in everyday life.

0206A	DKAC-ED Algebra 2A	02 056	G 0.50	"1 of 2"
0206B	DKAC-ED Algebra 2B	02 056	G 0.50	"2 of 2"

Both of these PLATO courses are available online only

DKAC-ED Algebra 2A PREREQUISITE: Geometry and Algebra
DKAC-ED Algebra 2B PREREQUISITE: Algebra I, Geometry and Algebra 2A

In Algebra 2A, you will perform operations and identify restrictions on rational expressions (expressions that contain rational numbers as coefficients). You will also analyze and graph polynomial functions. Algebra 2A will introduce you to a new concept, complex numbers. You will plot complex numbers in the complex number plane and solve quadratic equations in the complex number system. In Algebra 2B, you will begin with trigonometry, which is the study of how the sides and angles of a triangle are related. You will examine trigonometric functions and graphs in the context of the unit circle. You will extend your understanding of lines by classifying systems of linear equations. In prior courses, you solved inequalities by graphing. Here, you will solve systems of inequalities, including quadratic and absolute value inequalities that contain restrictions on the variable. You will finish Algebra 2B by applying statistics and probability to make complex decisions. You’ll reach decisions based on representative sampling from a population and by creating and evaluating statistical models.

0220A	DKAC-ED Personal Finance	02 157	G 0.50	"1 of 1"
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This PLATO course is available online only

This course covers the fundamentals of personal finance, role of consumers in the economic system of the United States, financial planning in personal life, ways to manage finances, and different investment strategies. It also covers various career options available in the field of personal finance.

Course #	Course Name	Course Level	Credits	Sequence
###	DKAC-ED Consumer Math	02 103	G 0.50	"1 of 1"

This PLATO course is available online only

In this course, you will learn practical applications of math. You will learn how to plan a budget, manage bank accounts, and figure the cost of a good or service. You will also learn about taxes, payroll deductions, and how to invest and borrow money. This course will help you make informed decisions about buying or renting a home or car and teach you how to protect your purchases and investments with insurance. Finally, you will study economics, or the science of the creation, distribution, and consumption of goods and services. You'll see how economics affects you as an individual and how it affects the country as a whole.

SCIENCE

Students are required to earn 3 credits of science to graduate. You must take 1 credit of Biology, 1 credit of Chemistry or Physics, plus an additional 1 credit science to fulfill the requirements for the Michigan Merit Curriculum.

Course #	Course Name	Course Level	Credits	Sequence
###	DKAC-ED Earth and Space Science A	03 001	G 0.50	"1 of 2"
###	DKAC-ED Earth and Space Science B	03 001	G 0.50	"2 of 2"

Both of these PLATO courses are available online only

Earth and space science is the study of the structure of our planet and Earth's role in the solar system and universe. This branch of science relies on observations, historical data, and physical evidence to describe the natural processes that occur around us and in distant space. Semester A begins with a discussion of the methods and tools that scientists use to study Earth and space science, including the scientific method, modeling, and mathematics. You'll look at theories for how the planets, solar system, and universe formed and explain the interactions between the Sun, Earth, and Moon. You'll also learn about the emergence of Earth's materials, atmosphere, and first lifeforms, as well as the dating methods that help us piece together Earth's unique history.

You'll begin Semester B by comparing the composition of rocks and minerals and analyzing the processes involved in the rock cycle. You'll explore the tectonic mechanisms that lead to some of Earth's most prominent geological features. Next, you'll study important interactions between the hydrosphere and atmosphere and the role they play in weathering and erosion. You'll also differentiate between weather and climate and make evidence-based predictions about both using data and modeling. The last unit in this course highlights the negative effects that humans can have on the natural cycles of Earth, as well as effective measures we can take to protect our planet.

Course #	Course Name	Course Level	Credits	Sequence
0255A	DKAC-ED Biology A	03 051	G 0.50	"1 of 2"
0255B	DKAC-ED Biology B	03 051	G 0.50	"2 of 2"

Both of these PLATO courses are available online only

Biology, Semester A, is a single-semester course designed to strengthen your knowledge of basic biology. The first unit provides an introduction to biology and biochemistry. It focuses on the roles of and differences between plant and animal cells. In the second unit, you'll learn about the functions of different organ systems. The third unit covers cell division and the role of DNA and chromosomes in passing traits from parents to offspring. Biology, Semester B, is a single-semester course designed to strengthen your knowledge of biology concepts. The first unit focuses on the classification, characteristics and biological processes of living organisms. In the second unit, you'll study evolutionary mechanisms and the impact of environmental factors on species over time. The third unit focuses on the conservation of energy as it relates to living things and different ecosystems. In the last unit, you'll explore how different ecosystems are interdependent.