



VICTORY
CHRISTIAN
ACADEMY

Course Catalog
Grades K-12

2023-2024

TABLE OF CONTENTS

WHAT ARE ACADEMIC STANDARDS	4
ELEMENTARY AND MIDDLE SCHOOL INTRODUCTION	5
ELEMENTARY AND MIDDLE SCHOOL CURRICULUM	5
Mathematics	5
English Language Arts (ELA)	6
Science	7
Social Studies	8
Agriculture EcoSystems, Environment and Sustainability	8
HIGH SCHOOL INTRODUCTION	9
Portrait of a Graduate	9
Making the Most of High School	9
VCA-V Graduation Requirements	10
VCA High School Planner	11
BIBLE / THEOLOGY	
Old Testament/Christian Heritage	12
Life of Christ	12
Doctrine / Christian Living	12
World Religions / Apologetics	12
Biblical Hermeneutics / Christian Literature	12
ENGLISH	
English I / Grammar and Composition	13
English II / World Literature	13
English III / American Literature	13
English IV / British Literature	13
English IV / Christian Literature	14
English IV / Creative Writing	14
HISTORY / SOCIAL STUDIES	
Geography	15
World History	15
US History	16
Civics	16

Victory Christian Academy – Course Catalog
“Where Miracles Happen”

MATHEMATICS

Algebra I	17
Geometry	17
Algebra II	18
Consumer Math	19
MC 3	19

SCIENCE

Earth Space Science	20
Biology	20
Chemistry	21
Physics	21
Agriculture / Sustainability and EcoSystems	22
Physical Science	22

FOREIGN LANGUAGES

Chinese I	23
Chinese II	23
French I	24
French II	24
Spanish I	25
Spanish II	25

PHYSICAL EDUCATION / HEALTH

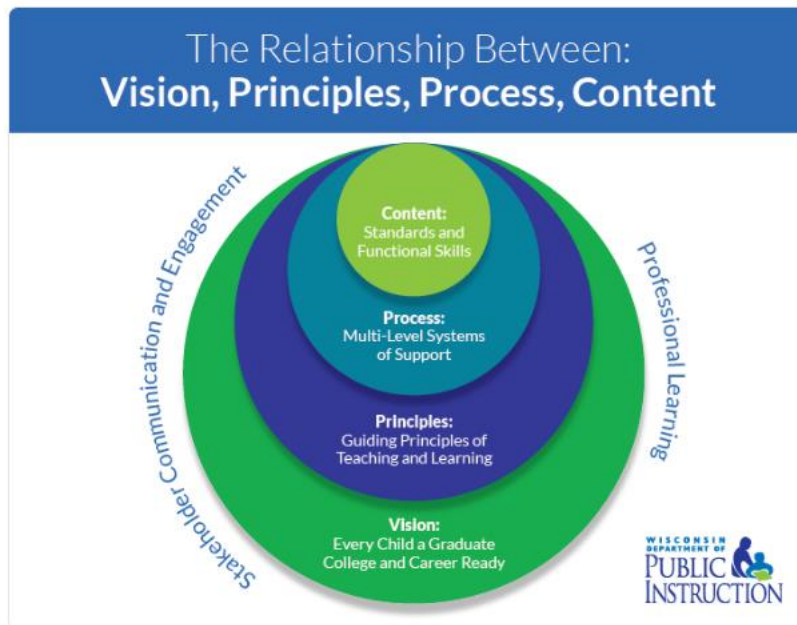
Physical Education	26
Health and Personal Wellness	26

ELECTIVES

Business – Entrepreneur	27
Life Skills	27
MC 3 / Skill Trades	27
Media and Communications	27
Medical Terminology	27

WHAT ARE ACADEMIC STANDARDS

Every state has an academic standard for its schools. Wisconsin Academic Standards determine the skills, knowledge, and actions students are to master at each grade level. The standards set the expectations for students, parents, educators, and citizens at every step of the educational journey.



Wisconsin’s state standards serve as a model that locally elected school boards, principals, and educators adopt to develop the academic standard and choose or create the curriculum that will best give their students tools to succeed.

At Victory Christian Academy, we are committed to meeting those standards while ensuring that quality education is equally accessible to every student in accordance with his or her individual learning style, capacity and needs.

ELEMENTARY AND MIDDLE SCHOOL INTRODUCTION

Our students are challenged daily intellectually, socially, and spiritually to discover and develop their God-given abilities. We intentionally integrate a faith-based perspective across all academic disciplines. Students learn about the world around them through the prism of God’s Word and His purposeful design for their lives.

As a Wisconsin Choice school, our students are assessed annually by state-sanctioned testing materials, including S.T.A.R, Forward Testing and Running Records. We also administer the Pre-ACT and the ACT tests to our high school students. As a result, our academic rigor and standards or progress are aligned to the core curriculum sanctioned by the Wisconsin Department of Public Instruction.

Throughout the year, as classroom bonds and educational challenges grow from year to year, students at VCA are supported fully and encouraged to be an active, engaged member of a loving, Christian community.

ELEMENTARY AND MIDDLE SCHOOL CURRICULUM

Victory Christian Academy thoroughly and consistently researches teaching materials and academic publishers to bring rich, diverse material that best meets the needs of our students. We offer not only an academically strong core curriculum but also a variety of extra-curricular opportunities including agriculture, music, theatre, and athletics among others to give our young students every opportunity to develop their talents and interests. In addition, VCA teachers strive to provide leadership opportunities in the classroom through projects, events, activities, mentoring and peer engagement. We encourage and support community service as a cooperative school effort and as a lifestyle.

Mathematics

Grades K through 8th Grade use the Eureka Curriculum. *Eureka Math*[®] set a new standard for students and teachers based on the “why” behind the math. It focuses on mathematical thinking and processes in addition to fundamental skills, which brings a deeper understanding of how math is applied in everyday activities and problem-solving. It is our goal to make math innovative and hands-on so that it is more understandable and enjoyable. We set a solid foundation and then build on it each year of the academic journey.

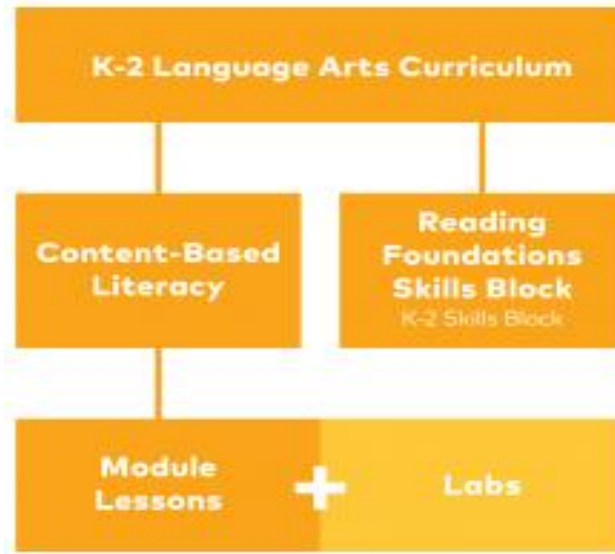
English Language Arts (ELA)

Grades K through 4th Grade use the EL Education Curriculum. The EL Education Curriculum is based on the science of reading, and includes structured phonics, which has been proven to help all students develop their reading and master literacy standards.

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“Where Miracles Happen”

Here is a basic summary of how the VCA and EL Curriculum is structured for K-2:

Students tackle grade-level texts to improve their CAFE skills (comprehension, accuracy, fluency, and expanded vocabulary), while experiencing the joy of reading and learning from their favorite books. We offer a wide range of books at every reading level in digital and print form. Students practice guided reading with the teacher, partner reading and independent reading.



Grades 3-4 introduce a concept developed called ALL Block. ALL Block consists of content-based literacy, module lessons and an “Additional Language and Literacy” (ALL) Block. The method provides literacy work that promotes continuous practice toward of reading and language arts for every student.



Grades 5th through 8th use the KIPP Wheatley Curriculum for ELA. KIPP Wheatley encourages a balanced approach to ELA instruction with guided reading, independent reading, language study, and writing integrated into each day. Through this strategy, we are following the research that shows that the most effective literacy programs for elementary students are those that build students’ word and world knowledge, integrate reading and writing instruction, and align with college-ready standards from the earliest grade levels.

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“Where Miracles Happen”

Science

Grades K thru 8th use the Amplify Science Curriculum

Amplify Science curriculum blends hands-on activities and interactive digital tools to empower students to think, read, write, and argue like real scientists and engineers. Authors of this curriculum have developed the Do, Talk, Read, Write, and Visualize approach. It uses multiple models that students can use to explore science.

Elementary students begin learning about science with investigation units – where they focus on the process of gathering data to answer questions. Modeling units provide extra support to students with physical models and computer models and an ability for them to develop their own models. Engineering models help solve complex problems by applying inductive and deductive reasoning, hypotheses and inferences followed by testing to determine outcomes.

Grades 3 through 5 add argumentation units designed to strengthen critical thinking skills through reasoning, evidence, and persuasion.

Middle School Amplified Science is made up of three units – Launch, Core, and Engineering Internships. In the “launch” phase, students are introduced to norms, routines, and practices that will be built on throughout the year. The “core” phase helps students develop an understanding of foundational concepts through key science and engineering practices and procedures. In the “engineering” phase, students apply what they are learning as they develop a fictional company and design solutions for real world problems.

Social Studies

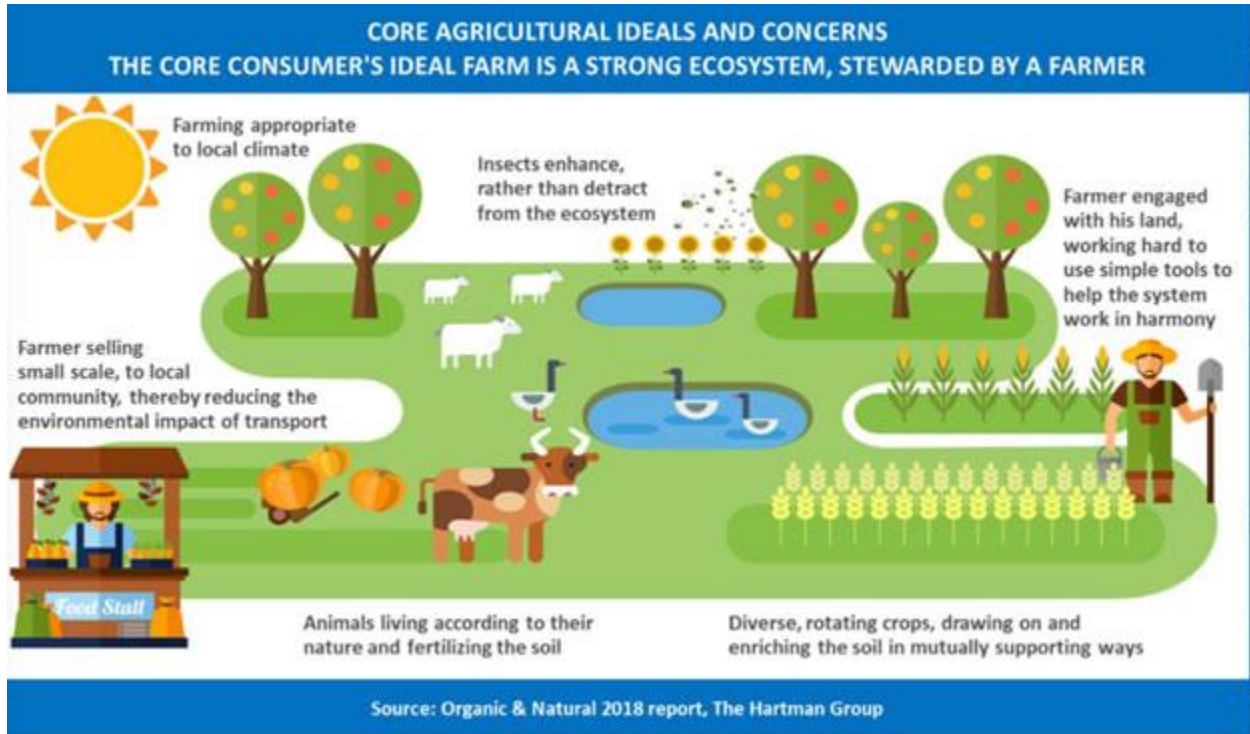
Grades K through 8th use the TCI Curriculum for Social Studies. It is a digital curriculum that engages students at their individual level through a variety of online resources and tools as well as in-classroom discussions and activities. Each unit includes primary sources such as news articles, biographies, historical documents, and provides activities to make the lessons interesting and help students develop critical thinking skills.

Elementary Students learn about their world with a deep dive into communities, cultures and geographical regions around the globe.

Middle School Students are challenged to lean into a greater understanding of the complexities of social structure and to challenge historical assumptions. They are taught inquiry-based lessons which allow them to ask questions and think critically. Then they are asked to develop evidence-based opinions and conclusions.

Agriculture Ecosystems, Environments and Sustainability
2nd thru 8th Grade

Students will learn the main types of ecosystem models and their uses and discuss challenges related to complex ecological systems. For example:



Students leaning sustainability, resilience, self-reliance, and stewardship of God’s resources. We believe it is important for students to understand how clean energy and sustainable practices create future job opportunities and improve the quality of life today and for future generations. Through this, they will be able to adapt to global changes and to take care of the earth.

HIGH SCHOOL INTRODUCTION

The following course selections describes the mission, values, school outcomes, culture, and courses of study that are important to Victory Christian Academy-Virtual. It also describes the programs of study in place to meet the students’ college and/or career readiness and possible opportunities. (This catalog's content may change annually to keep current with the needs of students and the culture of VCA.)

The main courses are in the order of the Requirement Chart on the next page. Within these main courses, we have listed the courses in order of requirements. Several courses have prerequisites.

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“Where Miracles Happen”

The purpose of VCA-V is for students and families to customize their education in preparation for their future goals and employment opportunities.

PORTRAIT OF A GRADUATE

VCA-Virtual Graduates are:

- Prepared to serve and lead in home, church, workplace, and communities around them
- Prepared to live a daily life with integrity and discernment
- Committed to the pursuit of Biblical truth to impact those around them and the world
- Well-rounded and academically equipped for any vocational goals and dreams

MAKE THE MOST OF HIGH SCHOOL

Challenge yourself! Take challenging courses but do not overwhelm yourself. Maintain a balance between home, church, school, extra-curricular activities and other various obligations. Make the most of your High School experience by venturing out into new and different opportunities Victory Christian Academy-Virtual provides for you.

Set Goals! Set attainable goals through prayer as well as consulting with parents and Academic Faith Coach. Learn and develop good habits that help prioritize the important things first

Plan Ahead! Use the High School Planner on the next page to help map out your courses of study and 4 years of High School. Align your selections with the requirements, as well as your post-graduation plans.

Choose Carefully! During the four years at VCA-Virtual, you will have many opportunities to explore your interests and passions. You will have limited time to change courses.

Be Responsible! With God’s help, you are able to choose how you respond to all challenges that you will encounter during your High School career. Learning how to respond appropriately will contribute to a fruitful and productive life.

Be Proactive! Take the initiative, with Gods help, to be the one who takes charge of your own life by choosing to be responsible in all things you can control such as your study habits, faithfulness, time management, relationships, and effort.

High School is for Life! Remember, the grades and choices you make in High School will follow you for the rest of your life. Colleges, jobs, leadership opportunities all will want to see your High School transcripts and use them to evaluate the type of person, employee, leader, and/or minister you will be for their organization. In addition, the memories and friends you make in High School will also be around for life. Make the most of it!

VCA-V GRADUATION REQUIREMENTS

Below is a chart that lists the High School Requirements for VCA-Virtual as well as an additional column for those choosing to further their education post High School Graduation.

Victory Christian Academy – Course Catalog
“Where Miracles Happen”

Subject Requirement	VCA-Virtual Grad Requirements	College Ready Requirements
Bible/Theology	4 Credits/Years	4 Credits/Years
English	4 Credits/Years	4 Credits/Years
History/Social Studies	3 Credits/Years	4 Credits/Years including Geography
Mathematics	3 Credits/Years	4 Credits/Years
Science	3 Credits/Years	4 Credits/Years including Chemistry and Physics
Foreign Language	2 Credits/Years	3 Credits/Years of the same language
Physical Education	1.5 Credits/Years	1.5 Credits/Years
Health	0.5 Credits/Years	0.5 Credits/Years
Electives	3 Credits/Years	3 Credits/Years
Testing Requirements	Civics Test ACT Test	Civics Test SAT Reasoning or ACT
Total	24 Credits	28 Credits

Courses

All courses for VCA-Virtual are delivered virtually. Some are taught by VCA staff, while others are taught by professional teachers hand chosen by the Academic Faith Coach.

Victory Christian Academy – Course Catalog

“Where Miracles Happen”



High School Planner

Class of: _____

Student Name: _____
Educational Goal: _____

Student #: _____
Career Goal: _____

FRESHMAN YEAR					SOPHOMORE YEAR				
COURSE	1st Semester		2nd Semester		COURSE	1st Semester		2nd Semester	
	Grade	Credit	Grade	Credit		Grade	Credit	Grade	Credit
English 9 – Grammar/Comp					English 10 - World Lit				
Algebra I					Geometry				
Earth Science					Biology				
Geography					World History				
Bible 9					Bible 10				
Physical Education					PE / Health				
Foreign Language					Foreign Language				
Elective					Elective				
TOTAL CREDITS					TOTAL CREDITS				

JUNIOR YEAR					SENIOR YEAR				
COURSE	1st Semester		2nd Semester		COURSE	1st Semester		2nd Semester	
	Grade	Credit	Grade	Credit		Grade	Credit	Grade	Credit
English 11 - American Lit					English 12 - British Lit				
Algebra II					Business Math				
Chemistry					Physics				
US History					US Government				
Bible 11					Bible 12				
Elective					Elective				
Elective					Elective				
TOTAL CREDITS					TOTAL CREDITS				

WORK COMPLETE	Credits Required	Credits Earned
Subject Requirements		
Bible/Theology	4	UULU
English	4	UUUU
Math	3	UUUU
Science	4	UUUU
Social Studies	3	UUUU
Foreign Language	2	UUUU
Physical Education	1.5	UUUU
Health	0.5	UUUU
Electives	3	UUUU
TOTAL	24	

Sports/Extra Curr	9th	10th	11th	12th

Required Testing				
	Date	Score	Re-Take	Score
Civics				
Pre-ACT Secure - 9th				
Pre-ACT Secure - 10th				
ACT w/Writing - 11th				

Recommended Testing				
	Date	Score	Re-Take	Score
PSAT				
SAT				

Comments: _____

Student Signature: _____

Date: _____

Parent Signature: _____

Date: _____

BIBLE / THEOLOGY

4 Credits Required - Do we want any prerequisites for any of the classes?

OLD TESTAMENT / CHRISTIAN HERITAGE (Freshmen)

Description

Survey of the Old Testament. Students will study the Old Testament and how we became God’s chosen people. Study will then move to the Major and Minor Prophets as well as looking into the Book of Psalm and Proverbs.

LIFE OF CHRIST (Sophomores)

Description

This course will primarily focus on the Life of Christ, but will also cover the intertestamental era and the historic background to Christ’s life on earth.

DOCTRINE / CHRISTIAN LIVING (Juniors)

Description

Study of the Epistles and discussion of Christian Ethics in our modern era, culture and community. Using God’s Word as the foundation, discussion will continue regarding doctrine and how we are to live our daily lives. We will examine our own relationship with God and our interactions with family, friends and community. Founded upon the Love of Jesus Christ, we will explore building future relationships, ministries, and missions.

WORLD RELIGIONS / APOLOGETICS (Seniors)

Description

Study will begin by focusing in on why Christians believe what they do, becoming more confident in the evidence of those beliefs and being able to communicate the hope we have in Jesus. Discussions of the reliability of Scripture and the Christian Faith from several directions, as well as discovering the truth in God’s Word that continues to give us an accurate portrayal of world history, and the condition in which humans find themselves in cultures across the world.

BIBLICAL HERMENEUTICS / CHRISTIAN LITERATURE (Seniors)

May also be considered an English Credit

Description

Biblical Hermeneutics focuses on Bible reading and the Biblical interpretation to enhance practical skills for understanding and applying God’s Word appropriately. Discussion will include major themes of the Bible, identifying genre, tracing the arc of the Biblical narrative, exploring the rhetorical beauty of various texts, with the emphasis being on practice, not theory.

ENGLISH

(4 Credits Required)

In English, students build active reading skills, analyze literature and informational texts, and develop listening and writing skills. Students use texts of high complexity while integrating language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness.

ENGLISH I - Grammar and Composition (Freshmen)

Module 01 Reading and Writing Narratives

Module 02 Analyzing Language and Structure

Module 03 Crafting a Winning Argument

Module 04 Exploring the Elements of Style

ENGLISH II – World Literature (Sophomores)

Prerequisite – Grammar and Composition

Module 01 Collaboration

Module 02 Obstacles

Module 03 Fear

Module 04 Betrayal

ENGLISH III – American Literature (Juniors)

Prerequisite – World Literature

Module 01 Interpreting Literature

Module 02 Informative Writing

Module 03 Narrative Writing

Module 04 Understanding Poetry

Module 05 Analyzing History

Module 06 Argument Writing

ENGLISH IV Option 1 – British Literature (Seniors)

Prerequisite – American Literature

Module 01 Forces of Nature (Beowulf and Macbeth)

Module 02 Carousel of Progress

Module 03 Honors: An Empire Divided (Kipling)

Module 04 Expressions – Poetry

Module 05 Proof or Satire

Module 06 Honors: The Fall of an Empire

Victory Christian Academy – Course Catalog
“Where Miracles Happen”

ENGLISH IV Option 2 – Christian Literature / Hermeneutics (Seniors)

Prerequisite – American Literature

May also be considered a Bible Credit

Description

Biblical Hermeneutics focuses on Bible reading and the Biblical interpretation to enhance practical skills for understanding and applying God’s Word appropriately. Discussion will include major themes of the Bible, identifying genre, tracing the arc of the Biblical narrative, exploring the rhetorical beauty of various texts, with the emphasis being on practice, not theory.

ENGLISH IV Option 3 – Creative Writing (Seniors)

Prerequisite – American Literature

Module 01 Unleashing the Core of Your Imagination

Module 02 Starting the Path to Creative Writing

Module 03 Finding your Creative Light

Module 04 Introduction to Nonfiction Writing

Module 05 Introduction to Fiction Writing

Module 06 Speech Writing

Module 07 When Truth Meets Imagination

Module 08 Finding your Inner Poet

Module 09 Revision and Purpose

HISTORY / SOCIAL STUDIES

3 Credits Required

GEOGRAPHY (Freshmen)

Description

The world geography course provides students with an analytical view of how geographic factors have and continue to influence human behavior on the earth. Students will examine how the physical and cultural geographic factors contribute to varying levels of cooperation within the major world regions. Additionally, students will examine the importance that political, environmental, and economic factors have in a region’s development.

Semester 1 Summary

Introduction to Physical Geography, Introduction to Human Geography, North America, Middle America and the Caribbean Islands, South America, Sub-Saharan Africa, Northern Africa and Southwestern Asia

Semester 2 Summary

Western and Southern Europe, Northern and Eastern Europe, Northern and Central Asia, South Asia, Southeastern Asia, East Asia, Oceania and Antarctica

WORLD HISTORY (Sophomores)

Prerequisite - Geography

Description

In Semester I, students will learn how the Roman Empire developed in two very distinct directions. Next, students will discover the great intellectual and cultural contributions of Islamic Empires. Journey through the Middle Ages of Europe and Japan to learn how knights and samurais lived. You will also investigate the rise and fall of some of the great kingdoms of the Americas and Africa and then travel back to the Europe of the Renaissance and Reformation era. Hang on tight, before you dive into the Age of Discovery when eastern and western hemispheric encounters created for some turbulent times.

Module 01: West Meets East Meets West

Module 02: Medieval Europe and Japan

Module 03: Great Empires of the World

Module 04: The Birth of New Ideas

Module 05: The Enlightenment and Revolution

Module 06: 19th Century Changes

Module 07: The World at War and the Fires Between

Module 08: The Modern Era

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“Where Miracles Happen”

US HISTORY (Juniors)

Prerequisite – World History

Post Civil War to Present

A general history course that concentrates on economic, social, political, and military American History. The course begins with the Civil War and moves into World War II and the Cold War. Course is presented through lecture, readings, videos, and handouts.

Module 01: Civil War

Module 02: World War II

Module 03: Post WWII, Cold War, Korea, and Vietnam

Module 04: Civil Rights Movement

Module 05: The Modern Era

CIVICS (Seniors)

Prerequisite – US History

Description

This Civics course prepares students for informed and responsible participation as citizens in the American representative system. Students deepen their awareness of the values expressed in the Declaration of Independence, the Constitution, and other foundational documents of the United States. Students learn the purposes and structures of government within the American federal system as well as state and local structures. Students gain a deeper understanding of the role of the United States in its relations with other nations. Students also learn how citizens exert influence on public affairs and decisions. By participating in this course, students are better prepared to exercise the rights and responsibilities of American citizenship. This course will help prepare students to successfully complete the [WI Civics Test Graduation Requirement](#), but the course does NOT include the test itself.

Course Outline

Unit 1 - Governments, Citizenship and the Responsibilities of Citizens

Unit 2 - Foundations of American Political Philosophies

Unit 3 - The U.S. Constitution

Unit 4 - The Bill of Rights and Amending the Constitution

Unit 5 - Branches of the Federal Government

Unit 6 - The Electoral Process

Unit 7 - State and Local Governments

Unit 8 - Citizens and Public Policy

MATH

(3 Credits Required)

ALGEBRA I (Freshmen)

Description

Algebra I is the foundation - the skills acquired in this course contain the basic knowledge needed for all future high school math courses. The material covered in this course is important, but everyone can do it. Everyone can have a good time solving the hundreds of real world problems algebra can help answer. Course activities make the numbers, graphs, and equations more real. The content in this course is tied to real-world applications like sports, travel, business and health.

This course is designed to give students the skills and strategies to solve all kinds of mathematical problems. Students will also acquire the confidence needed to handle everything high school math has in store for them. Algebra 1 emphasizes the importance of algebra in everyday life through hundreds of real-world examples. Assessments are designed to ensure that your understanding goes beyond rote memorization of steps and procedures. Upon successful course completion, you will have a strong foundation in Algebra I and will be prepared for other higher-level math courses.

Materials Needed: Scientific Calculator

Module 01: Algebra Basics

Module 02: Linear Functions

Module 03: Exponential Functions

Module 04: Systems of Equations and Inequalities

Module 5: Statistics

Module 6: Polynomials

Module 07: Factoring and Graphing Polynomials

Module 08: Quadratic Functions

GEOMETRY (Sophomores)

Prerequisite – Algebra I

Description

Geometry is everywhere. Engineers use geometry to build highways and bridges. Artists use geometry to create perspective in their paintings, and mapmakers help travelers find things using the points located on a geometric grid. Throughout this course, students travel a mathematical highway illuminated by spatial relationships, reasoning, connections, and problem solving.

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“Where Miracles Happen”

Materials Required:

- Scientific Calculator
- Proof Resources

Module 01: Geometry Foundations
Module 02: Transformations and Congruence
Module 03: Dilations and Similarity
Module 4: Coordinate Geometry
Module 5: Right Triangles and Trigonometry
Module 6: Volume and Figures
Module 7: Circles

ALGEBRA II (Juniors)

Prerequisite – Algebra I and Geometry

Description

This course allows students to learn while having fun. Interactive examples help guide students' journey through customized feedback and praise. Mathematical concepts are applied to everyday occurrences such as earthquakes, stadium seating, and purchasing movie tickets. Students investigate the effects of an equation on its graph through the use of technology. Students have opportunities to work with their peers on specific lessons. Algebra 2 is an advanced course using hands-on activities, applications, group interactions and the latest technology.

Materials Required: Graphing calculator

Module 01: Radical and Polynomial Operations
Module 02: Factoring and Quadratics
Module 03: Solving Polynomials
Module 04: Rational Equations
Module 05: Exponential and Logarithmic Functions
Module 06: Systems of Equations
Module 07: Sequences and Series
Module 08: Statistics
Module 9: Trigonometry

Victory Christian Academy – Course Catalog
“Where Miracles Happen”

Consumer Math S1 (Seniors)

Prerequisite – Algebra I and II

Practical math and techniques used in business, shopping, and every day life.

Semester 1 Summary

Compensation, Spending and Saving, Credit and Loans, Auto Ownership, Home Ownership / Rentals

Assignments and Assessments include: Quizzes, Unit Assignments, Unit Projects, Unit Tests and a Final Exam. Lessons in each module are given below.

- Compensation
- Spending and Saving
- Credit and Loans
- Auto Ownership
- Home Ownership / Rentals

Semester 2 Summary

Health and Life Insurance, Investing, The Stock Market, Retirement, Predict and Plan

Assignments and Assessments include: Quizzes, Unit Assignments, Unit Projects, Unit Tests and a Final Exam. Lessons in each module are given below.

- Health and Life Insurance
- Investing
- The Stock Market
- Retirement
- Predict and Plan

MC 3

Prerequisite –

This course also qualifies for Math Credit

MC3 is a Multi-Course Curriculum that teaches students construction and trade techniques, math, environmental and building skills.

MC3 was created as part of the Wisconsin Regional Training program. It's a one-year program that gives high school students graduation credits for coursework that prepares them to enter paid apprenticeships in any of 10 different skilled trades. Students also get applied practices using the tools and work methods, and they get field visits to local plants and shops to see the work. VCA Students will finish with OSHA 10 and CPR certification as well. VCA will help our graduates with placement into those paid apprenticeships

SCIENCE

3 Credits Required

Earth Space Science (Freshmen)

Description

Earth and Space Science is based on the topics of Earth’s systems, space systems, and the basics of weather, climate, and human sustainability. The course will focus on analyzing and interpreting relevant earth and science data and using engineering and technology concepts to design solutions to challenges facing human society.

Module 00: Beginning with Science
Module 01: Climate & Meteorology
Module 02: Fresh Water
Module 03: Our Universe
Module 04: Rocks and Minerals
Module 05: Geologic Time
Module 06: Oceans
Module 07: Our Solar System
Module 08: The Geosphere

BIOLOGY (Sophomores)

Prerequisite Earth Space Science or Physical Science

Description

This course is an overview of the life sciences that is both biblically-informed and scientifically accurate. It is designed to survey living systems from the molecular level up to the ecosystem level. Topics include:

Module 1: Welcome to Biology
Module 2: Life's Origin
Module 3: Cell Reproduction
Module 4: Earth's Diversity
Module 6: Classification and Diversity
Module 7: Human Systems

CHEMISTRY (Juniors)

Prerequisite – Biology

Description

The high school chemistry course is a two-segment study of the foundations of chemistry, building on the concepts and scientific thinking laid in middle school science. Students use scientific inquiry and higher-order problem solving as they explore the composition, properties, and changes of matter and their applications through interactive simulations, engineering solutions, and virtual and hands-on experiences. Scientific inquiry, research, experimental procedures, data collection and analysis, and making inferences are an integral part of the learning experience. In addition, technology, engineering, and mathematics (STEM) concepts are integrated throughout the course. Through phenomenon-based learning, students will be able to demonstrate a vast understanding of the importance of chemistry in the world, enabling them to apply these principles to their everyday lives and our global society.

Module One: Matter

Module Two: Atoms and Elements

Module Three: Molecules and Compounds

Module Four: Reactions

Module Five: Stoichiometry

Module Six: Phases of Matter

Module Seven: Energy in Reactions

Module Eight: Solutions

PHYSICS (Seniors)

Prerequisite – Chemistry

Description

In each module of Physics 1, students discover the contributions of scientific geniuses like Galileo, Newton, and Einstein. Through their work, students learn the concepts, theories, and laws that govern the interaction of matter, energy, and forces. From tiny atoms to galaxies with millions of stars, the universal laws of physics are explained through real-world examples. Using laboratory activities, simulations, images, and interactive elements, students follow in the footsteps of some of the world's greatest thinkers.

Module 1: Galileo Gardens

Module 2: Kepler Kingdom

Module 3: Newton's Nook

AGRICULTURE – Sustainability and EcoSystems

Unit 1: Introduction to Horticulture and Plant Science

Unit 2: Identifying and Classifying Plants

Unit 3: Plant Growth, Propagation, and Development

Unit 4: Soil Science

Unit 5: Irrigation & Watering

Unit 6: Fertilization and Pest Management

Unit 7: Landscape Science

Unit 8: Plant Management

Physical Science

Prerequisite - Biology

Required Materials – Scientific Calculator

Description

This course is based on the topics of the structure of properties of matter, chemical reactions, forces and interactions between particles, energy, and waves of electromagnetic radiation and electricity.

Module One: Motion

Module 01: Motion

Module 02: Waves

Module 03: Electricity

Module Four: Classifying Matter

Module Five: Chemical Properties

Module Six: Reactions

FOREIGN LANGUAGE

2 Credits Required

2 Credits of the same language required for most Colleges

CHINESE 1

Description

Immerse yourself in the beauty of the Chinese language and the richness of its diverse cultures. In the Chinese I course; you will learn beginning vocabulary and some supporting grammar skills to help build basic fluency and language proficiency. Emphasis is placed on proficient communication skills and an introduction to reading and writing is also included. In addition, you will explore the culture and apply what you learn through novice written practice, listening, reading, and speaking exercises.

Module 01: My Life

Module 02: My Preferences

Module 03: My Family

Module 04: My School

Module 05: My House

Module 06: My Community

CHINESE II

Prerequisite – Chinese I

Description

Chinese II enables the students to further develop the communicative skills of listening, speaking, reading and writing of Mandarin Chinese at a more advanced level. Students are immersed in Chinese culture as virtual exchange students in China. Virtual excursions from one Chinese city to another expand their vocabulary, helping them learn to interact with others and use appropriate terms to communicate in various everyday situations.

Module 01: School Life

Module 02: Sports and Leisure Activities

Module 03: Careers

Module 04: Travel

Module 05: Places Where We Live

Module 06: Community and Celebrations

Module 07: Food and Clothes

Module 08: Art, Music and Recreation

FRENCH I

Description

Bienvenue! Welcome! Come and join various native French speakers as they give students a lively introduction to the language and its rich culture. Join them in their everyday environment as they take students through different daily scenarios and give them the necessary skills to read, write, and speak French. In this course, students learn the basic French language. After one semester, students will be able to engage in conversation in French including greeting people, introducing themselves, and exchanging basic information with others. Students learn to count from one to 1,000 and make simple sentences in both spoken and written French. Students continue to develop their French skills in semester two. New words and phrases are introduced with pictures, audio clips, and examples. Students learn basic French grammar to help them build fluency and understand the structure of the French language. Students have many opportunities to practice what they learn through interactive practice activities in the form of games, written practice, and listening and speaking exercises. Students also explore the cultures of France, Canada, and other French-speaking regions by learning about geography, foods, celebrations, and traditions from each place. Bon Voyage! Enjoy the trip!

Module 1 – Geography of and main events in France’s history

Module 2 – Review cultural differences between American and French Cultures

Module 3 – Conjugation, questions, feminine and masculine

Module 4 – French markets and community

Module 5 – Clothing, colors, and food

Module 6 – Historic cities and transportation

Module 7 – Tourist attractions, weather, gestures

Module 8 – French customs

Module 9 – Other countries that speak French, the Minitel

FRENCH II

Prerequisite – French I

Description

Salut! Get set for some more adventure! In French 2, students are immersed in the French language and culture. This course is full of engaging and interactive videos, dialogues, presentations, self-checks, and much more! The purpose of this course is to further develop the French communicative skills of listening, speaking, reading, and writing. In French 2, students will broaden their French vocabulary and knowledge of grammar. Students will also experience

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the beauty and expressiveness of a language that is shared by different people and cultures throughout the world.

SPANISH I

Description

Immerse yourself in the beauty of the Spanish language and the richness of its diverse cultures. In the Spanish I course, you will learn basic grammar and vocabulary skills to help build your fluency and language proficiency. You will explore the culture of Spanish-speaking countries through engaging interactive games, videos, and audio recordings and apply what you learn through written practice, listening, and speaking exercises.

Module 01: My Life and Me

Module 02: My School and Me

Module 03: My Preferences and Me

Module 04: My House and Me

Module 05: My Family and Me

Module 06: My Free Time and Me

Module 07: My City and Me

SPANISH II

Prerequisite – Spanish I

Description

Get ready to embark on the next leg of your journey to Spanish fluency. In the Spanish 2 course, you will continue building your listening, speaking, reading, and writing skills as well as increasing your cultural awareness of Spanish-speaking countries through audio recordings, engaging images, interactive games, readings, and videos. Apply what you learn through written practices and listening and speaking exercises. Take your Spanish language skills to the next level!

Module 01: My Daily Routine

Module 02: My Community

Module 03: My Health

Module 04: My Childhood Memories

Module 05: My Vacations

Module 06: My Environment

PHYSICAL EDUCATION / HEALTH

2 Credits Required

PHYSICAL EDUCATION (1.5 Credits)

Description

This course is designed to give students the opportunity to learn and develop the fundamental and advanced skills and strategies of individual and team sports. In addition, fitness concepts and conditioning techniques used for achieving and maintaining optimal physical fitness will be taught.

Students will benefit from comprehensive individual activities, team activities, and cardiorespiratory activities. Students will learn to have fun and enjoy exercising, learning basic anatomy and physiology as it relates to physical education. They will also learn the rules, regulations, skills, concepts and strategies as they relate to individual and team sports.

HEALTH AND PERSONAL WELLNESS (0.5 Credits)

Description

This comprehensive health course provides students with essential knowledge and decision-making skills for a healthy lifestyle. Students will analyze aspects of emotional, social, and physical health and how these realms of health influence each other. Students will apply principles of health and wellness to their own lives. In addition, they will study behavior change and set goals to work on throughout the semester. Other topics of study include substance abuse, safety and injury prevention, environmental health, and consumer health.

Unit 1: Health Choices

Unit 2: Mental Health

Unit 3: Social Health

Unit 4: Physical Health

Unit 5: Diseases & Drugs

Unit 6: Health & Safety

Unit 7: Health Interventions

ELECTIVES

BUSINESS – ENTREPRENEURSHIP

Description

Make your idea a reality! You have the business idea; now it’s time to go from dream to reality. Throughout this course, you’ll explore different topics representing the major parts of a business plan, such as risk, hiring, pricing, marketing, and more. By completing activities, you’ll create a viable document you can use to help you start your business by the end of the course. Let’s bring your dream to life!

Technical/Software required:

- Word processing software, Presentation Software, Spreadsheet Software, Online Banking Simulator

Unit 1: The Business Plan

Unit 2: The Risks in Business

Unit 3: Growing the Business with People

Unit 4: Marketing the Business

Unit 5: Marketing your Products

Unit 6: Pricing, Selling, and Distribution

Unit 7: Marketing Research and Planning

Unit 8: Your Personal Finances

LIFE SKILLS

Description

This course allows students to explore their personality type and interests, as well as refine important skills that will benefit them throughout their lives, including personal nutrition and fitness skills, time & stress management, communication & healthy relationships, goal setting, study skills, leadership and service, environmental and consumer health, and personal finances. In addition, students will explore possible colleges and careers that match their needs, interests, and talents

Unit 1: Self Discovery

Unit 2: Mental Health

Unit 3: Stress & Time Management

Unit 4: Nutrition & Fitness

Unit 5: Consumer Skills

Unit 6: College & Career Planning

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MC 3 – Skill Trades

This course can also be classified as a Math Credit

NEED DESCRIPTION

MEDIA AND COMMUNICATIONS

Module 1 - Introduction to Mass Media and Communication

Module 2 - Print Media: Newspapers, Magazines, & Books

Module 3 - Electronic Media: Radio, Movies, and Televisions

Module 4 - The Internet & Social Media

Module 5 - The Powerful Influence of Media

Module 6 - Advertising and Public Relations

Module 7 - Media Law and Regulations

Module 8 - The Ethics of Media

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MEDICAL TERMINOLOGY

Description

In this course students will be introduced to basic medical language and terminology that they would need to enter a health care field. Emphasis will be placed on definitions, proper usage, spelling, and pronunciation. They will study word structure and parts, including roots, prefixes, and suffixes, as well as symbols and abbreviations. They will examine medical terms from each of the body's main systems, including skeletal, muscular, cardiovascular, respiratory, digestive, urinary, nervous, endocrine, reproductive, and lymphatic systems, and sensory organs. In addition, students will learn proper terminology for common tests, procedures, pharmacology, disease, and conditions.

Unit 1: Words and Symbols

Unit 2: Skeletal & Muscular Systems

Unit 3: Cardio, Lymphatic, Respiratory System

Unit 4: Digestive & Nervous Systems

Unit 5: Urinary, Endocrine, & Reproductive Systems

Other Electives available:

[Advertising & Sales](#)

[Animation 1a: Introduction](#)

[Animation 1b: Animating your Creativity](#)

[Art in World Cultures](#)

[Augmented & Virtual Reality](#)

[Basic Web Design \(Updated\)](#)

[Career Exploration in Dentistry](#)

[Career Planning](#)

[Careers in Criminal Justice 1a: Introduction](#)

[Careers in Criminal Justice 1b: Finding your Speciality](#)

[Child Development](#)

[Computer Science Principles](#)

[Concepts of Engineering & Technology](#)

[Construction: Fundamentals and Careers](#)

[Culinary Arts 1a: Introduction](#)

[Culinary Arts 1b: Finding Your Palate](#)

[Culinary Arts 2: Baking, Pastry, and More](#)

[Digital Information Technology S1](#)

[Digital Information Technology S2](#)

[Digital Photography 1a: Introduction](#)

[Digital Photography 1b: Creating Images with Impact](#)

[Digital Photography II: Discovering Your Creative Potential](#)

[Early Childhood Education 1a: Introduction](#)

[Early Childhood Education 1b: Developing Early Learners](#)

[Emergency Medical Responder 1a: Introduction](#)

[Emergency Medical Responder 1b: Prepared for Action](#)

[Entrepreneurship 1a: Introduction](#)

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“Where Miracles Happen”

[Entrepreneurship 1b: Make your Idea a Reality](#)
[Family & Consumer Science](#)
[Fashion Design](#)
[Fitness Fundamentals 1](#)
[Fitness Fundamentals 2](#)
[Foundations of Programming: CMU CS1 S1](#)
[Foundations of Programming: CMU CS1 S2](#)
[\(Intro to\) Forestry & Natural Resources](#)
[Fundamentals of Bitcoin Cryptocurrency](#)
[Game Design for Chromebooks 1a: Introduction \(Updated; Previous Title: Foundations of Game Design\)](#)
[Game Design for Chromebooks 1b: From Prototype to Product \(Updated; Previous Title: Foundations of Game Design\)](#)
Design)
[Health I: Life Management Skills](#)
[Health Careers I](#)
[Health & Personal Wellness](#)
[Health Science I: The Whole Individual](#)
[Health Science II: Patient Care & Medical Services](#)
[Hospitality & Tourism](#)
[Individualized PE \(New Course\)](#)
[Interior Design](#)
[Intermediate Programming S1](#)
[Intermediate Programming S2](#)
[International Business](#)
[Life Skills](#)
[Manufacturing: Product Design & Innovation](#)
[Media & Communications](#)
[Medical Assistant 1a: Introduction](#)
[Medical Assistant 1b: Medical Assisting In Action](#)
[Medical Terminology](#)
[Music Appreciation: The Enjoyment of Listening](#)
[National Security](#)
[\(Intro to\) Nursing 1](#)
[\(Intro to\) Nursing 2](#)
[Nursing Assistant 1a: Introduction](#)
[Nursing Assistant 1b: Patient Care](#)
[Nutrition](#)
[Outdoor Education](#)
[Personal Finance](#)
[Real-World Parenting](#)
[Robotics: Applications and Careers](#)
[Social Media: Our Connected World](#)
[Sports and Entertainment Marketing 1a: Introduction](#)
[Sports and Entertainment Marketing 1b: Promoting the Main Event](#)
[Sports Officiating](#)
[The History of Gaming and Esports](#)
[Theater, Cinema, & Film Production 1a: Introduction](#)
[Theater, Cinema, & Film Production 1b: Lights, Camera, Action!](#)
[Ukulele 1a](#)
[Ukulele 1b](#)
[Wearable Technology Innovations](#)