Walker Memorial Academy

HS. CURRICULUM GUIDE & COURSE DESCRIPTIONS

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Introduction To Walker Memorial Academy High School

Walker Memorial Academy (WMA) has been providing high quality Christian education since 1947. The high school curriculum at WMA was developed to provide quality education in a small school atmosphere. The curriculum, developed in association with the North American Division of Seventh-day Adventist, as well as Forest Lake Academy, Apopka, Florida is designed to put Jesus Christ at the center of all learning.

We are excited you have chosen WMA for your high school education. This guide has a list of courses taught at WMA, a checklist to guide you towards graduation along with a description of diploma options. While this guide will be useful in leading you to graduation always feel free to consult the school registrar for further information and guidance.

DIPLOMA REQUIREMENTS

College Preparatory Diploma:
Requires a minimum of 3.00 GPA, 26 credits.

Honor class options are indicated with an asterisk. Please see handbook for class standing eligibility.

Note: some classes may require prerequisites courses.

Standard Credits:

- Bible/Equivalent Elective – 4
- English – 4
- Math – 4
- Science – 3
- Foreign Lang. – 2
- Fine Art - 1
- Social Studies - 3
- Vocational - 1
- Health - 0.5
- P.E. – 1.5
- Electives – as needed

Community Service Hours:

- 25 hours per year of attendance at Walker Memorial Academy

FRESHMAN	
Diploma Type	**College Preparatory 26.0 Credits / 3.0 GPA**
Bible (1.0)	**Bible I**
English(1.0)	**English 09**
Math(1.0)	**Algebra 1 /Geometry**
Science(1.0)	**Earth Science**
Health(0.5)	**Health**
P.E. (0.5)	**Fitness for Life**
Vocational (1.0)	**Computer Essential or Robotics**
Elective	**Elective**
Fine Arts (0.5-1.0)	

SOPHOMORE	
Diploma Type	**College Preparatory 26.0 Credits / 3.0 GPA**
Bible	**Bible II**
English	**English 2**
Math	**Geometry / Algebra 2**
Science	**Biology**
Social Studies	**World History**
P.E.	**Individual Sports & Conditioning**
Elective	**Elective**

Math: Students are required to take a mathematics course every year.
Course Offerings, descriptions, and policies subject to change with Administration and/or Board Approval.
Enrollment for Electives: (1) Students in grades 12 and 11 have priority and (2) Students in grades 10 and 9 may register on a space-availability basis.

Standard Diploma and Community Service Hours Needed:
Requires 2.0 GPA and 24 credits

- Bible/Equivalent Elective – 4
- English – 4
- Math – 4
- Science – 3
- Foreign Lang. – 2
- Fine Art - 1
- Social Studies - 3
- Vocational - 1
- Health - 0.5
- P.E. – 1.5
- Electives – as needed

JUNIOR	
Diploma Type	**College Preparatory 26.0 Credits / 3.0 GPA**
Bible	**Bible III**
English	**American Literature**
Math	**Pre-Calculus or Algebra 2**
Science	**Anatomy & Physiology**
Social Studies	**US History**
Elective	**As Needed**
Foreign Language	**Spanish 1**

SENIOR	
Diploma Type	**College Preparatory 26.0 Credits / 3.0 GPA**
Bible	**Bible IV**
English	**British and World Literature**
Math	**Pre-Calculus / Financial Algebra**
Science	**Chemistry**
Social Studies	**U.S. Government/Economics**
Elective	**As Needed**
Foreign Language	**Spanish 2**
Elective	**As Needed**

Superscript notes found on previous page.
Other Dual Enrollment courses will be shared each academic year. Dual enrollment courses subject to change and pending minimum class size requirements are met

ACADEMIC LEVELS

Students with the assistance from parents and Registrar will build a schedule of classes. Some courses carry prerequisites that must be met prior to scheduling, completing the application process, and receiving committee approval. Each student will meet with scheduling staff to assure a course of study that meets his or her individual academic plan, interest, and goals. In addition, honors courses will require teacher recommendation. Each student will meet with scheduling staff to ensure a course of study that meets his or her individual academic plan, interests, and goals. Note: Some colleges and Bright Futures Scholarships consider only grades in core academic courses in computing a grade point average. In addition, some classes may not meet Bright Futures' requirements. Please contact the Florida Department of Education for updated requirements.

General Diploma
These courses follow a core curriculum (language arts, math, science, and social studies) without including a foreign language. Additional electives may be required to meet graduation requirements. Some colleges may require additional requirements with a general diploma prior to full acceptance.

College Preparatory
These courses follow a core curriculum (language arts, math, science, foreign language, and social studies) that will prepare students for admission to most colleges.

COURSE DESCRIPTIONS

Please be advised that courses may require prerequisites. Please contact school registrar for more information. All course offerings, descriptions, and policies are subject to change.

ART / Vocational /Technology

Digital Photography I ***(.5 Credit)***
Pre-requisite: None; Art fee required.
This course will enable students to develop the basics of digital photography and using studio equipment. Students will be able to create images that communicate idea and demonstrate the use of media and associated tools and equipment for photography in a safe, responsible, and appropriate manner.

Digital Photography II ***(.5 Credit)***
Prerequisite: Digital Photography I
Successful completion of Digital Photography 1: Art fee required. In this course, students continue applying knowledge of photography and further develop skills and creative approaches to digital photography and create images that communicate ideas. Students will be able to identify career opportunities related to photography and demonstrate awareness of appropriate art vocabulary.

Drawing / Painting ***(.5 Credit)***
This is an introductory course in drawing and painting. Students will learn the fundamentals of art, including the elements of design: line, shape, the illusion of space, value, texture, and color. Students will also learn the basic principles of art, including unity, emphasis, proportion, balance, rhythm, and composition. This course will provide students with art-making experiences using a variety of mediums such as pencil, pen and ink, charcoal, acrylic paint, pastel, and watercolor. A materials fee of $50.00 is required per semester.

Performing / Fine Arts

Band ***(.5 Credit)***
Band is open to students who have basic performing skills on woodwinds, brass, or percussion. Placement is by audition. Members are required to attend all concerts scheduled. Concerts include, but not limited to, Christmas, Festival of the Arts, local church concerts, and Spring concert.

Schola Cantando ***(.5 Credit)***
Schola Cantando is a select Choral ensemble and is available by audition only. Concerts include, but not limited to, all concerts scheduled for WMA and additional concerts by Schola Cantando in the community, in area churches, and on tours.

Steel Band ***(.5 Credit)***

Prerequisite: Band & Teacher recommendation

The Steel drum band is a performance group. Students will be required to travel extensively and perform in multiple venues while representing Walker Memorial Academy. The permission of the instructor and being a member of the concert band are required to join this elite program.

Introduction to Theater ***(.5 Credit)***

Are you intrigued by the magic of the stage? Do you find yourself drawn to the captivating stories and powerful emotions that theater can evoke? "Introduction to Theater" is your gateway to understanding the art and craft of theater production. Whether you're an aspiring actor, director, designer, or simply a lover of the arts, this course promises to broaden your horizons and ignite your passion for theatrical expression.

Honors Music ***(1.5 Credit)***

Honors Music at Walker Memorial Academy is a comprehensive and elite program designed for students with advanced musical skills and a passion for performance. This course combines the disciplines of Band, Schola Cantando, and Steel Band into a single, enriching experience. Students enrolled in Honors Music are required to take all three classes for the complete school year.

Students will have the opportunity to develop their talents in woodwinds, brass, percussion, and choral singing, while also exploring the unique rhythms and techniques of steel band performance. Placement in this course is by audition only, ensuring a high level of proficiency and commitment.

Credits: Students who participate in all three components of the Honors Music course will earn 1.5 credits for the year. This course is designated as honors, reflecting the advanced level of study and performance required. Consent of the music teachers.

Foreign Language

Spanish I ***(1.0 Credit)***

An introduction to the Spanish language and Hispanic culture, with emphasis on development of basic communicative skills (speaking, listening, reading, writing) and grammatical structures. Requires active participation in instructor-coordinated multimedia and online activities as mandatory component.

Spanish II ***(1.0 Credit)***

Prerequisite Spanish I

A course designed to review and build upon material presented in Spanish 1. The activities provided are designed to increase the student's proficiency in the four basic skills: listening, speaking, reading, and writing. The program utilizes small group activities and students' involvement. It presents a more complex structure and awareness of the Spanish culture. Success in this class depends heavily on the student's cooperation, participation, curiosity, and consistent practice in and out of class.

Language Arts

English 9 ***(1.0 Credit)***

This whole-language course is taken during the freshman year. Students read, discuss, and analyze a wide range of literature, including poems, short stories, and a Shakespeare play. The correct use of grammar and other English language conventions is emphasized as students develop strong paragraph-writing and essay-writing skills.

English 10 -English 2*(1.0 Credit)*

In this whole-language course, students read, discuss, and analyze a variety of quality literature representing a wide range of time periods and world cultures. Students consider universal themes from different worldviews including a Christian worldview. This class is generally taken concurrently with World History 10, and connections between the two classes are made as often as possible. Essay writing skills continue to be developed, with an emphasis on persuasive writing.

American Literature 11 ***(1.0 Credit)***

This whole-language course is usually taken during the junior year. Students read, discuss, and analyze American literature from variety of genres and time periods in American history. This class is generally taken concurrently with American history, and connections between the two classes are made as often as possible. Students continue to develop their independent reading and essay writing skills and write a research-based paper during the course.

British Literature 12 ***(1.0 Credit)***

This is a whole-language course taken during the senior year. Students read, discuss, and analyze classic literature from a variety of British author, including Shakespeare, Dickens, and Austen. Students make connections between the literature and modern-day issues. Students also write a variety of essays and a research-based paper and practice presentation skills in preparation for college and the workplace.

Mathematics

Algebra I ***(1.0 Credit)***

A course where the foundation for algebra will be formed. The key content involves writing, solving, and graphing linear and quadratic equations, including systems of two linear equations in two unknowns. Quadratic equations are solved by factoring, completing the square, graphically, or by application of the quadratic formula. The course also includes the study of monomial and polynomial expressions, inequalities, exponents, functions, rational expressions, ratio, and proportion.

Algebra II ***(1.0 Credit)***

Prerequisite: Algebra I

After a basic review of algebra, students will study quadratic polynomials along with functions and uses. Instead of learning just two variable quadratics, students will study how to solve three variable quadratic equations. Other topics of study include logarithmic, exponential, and trigonometric functions and how they are applied.

Math For College Success: SAT/ACT Preparation

Math College Readiness is designed to prepare students for success beyond high school by combining college entrance exam with algebra courses.

During the first semester, students will strengthen algebraic reasoning, mathematical problem solving, and test-taking strategies for the **SAT and ACT Mathematics sections**.

During the second semester, students will use **Cengage Math College Readiness** and consumer mathematics applications to develop essential skills for college, careers, and responsible financial decision-making.

The course emphasizes:

- SAT and ACT readiness
- Algebra and quantitative reasoning
- Mathematical modeling
- Real-world applications

Financial Algebra ***(1.0 Credit)***

Financial Algebra is a course designed to develop a strong foundation in logical thinking and problem solving that will enable students to make informed decisions regarding matters of money and finance in their daily lives.

Geometry ***(1.0 Credit)***

Prerequisite (Algebra I)

Geometry is the study of lines, angles, and plane figures such as triangles and quadrilaterals. The student learns to write formal proofs and to apply formulas involving perimeters, areas, volumes, and surface areas. Basic principles of two- and three-dimensional figures, algebraic skills, and coordinate geometry will be used in problem solving situations. Trigonometry is introduced and algebraic concepts such as factoring, and two-variable equations are applied to geometric situations. A main purpose of the student of geometry is the development of reasoning ability and logical processing. Geometry is a requirement for admission into most four-year colleges.

Precalculus ***(1.0 Credit)***

Prerequisite Algebra II

Precalculus focuses on polynomial, rational, exponential, logarithmic, and trigonometric functions within real and complex number systems. Solving and graphing equations of all types is emphasized in preparation for learning calculus. Real-world applications are explored regularly.

Physical Education

Fitness for Life 1 ***(.5 Credit)***
This physical education class is designed to introduce each student to a variety of physical activities that enables them to maintain a healthy lifestyle through physical education and to recognize the importance of the lifelong benefits of exercise. Students will do classwork, labs, and fitness standards as well as be exposed to various team sports. Through this class each student will have basic knowledge of how to evaluate oneself and how to create and implement a fitness program. The students will also be taught the importance of developing balanced lifestyles between mental, physical, spiritual, and social development.

Fitness for Life 2 ***(.5 Credit)***
This physical education class is designed to introduce each student to a variety of physical activities that enables them to maintain a healthy lifestyle through physical education and to recognize the importance of the lifelong benefits of exercise. Students will do classwork, labs, and fitness standards as well as be exposed to various team sports. Through this class each student will have basic knowledge of how to evaluate oneself and how to create and implement a fitness program. The students will also be taught the importance of developing balanced lifestyles between mental, physical, spiritual, and social development.

Fitness for Life 3 ***(.5 Credit)***
This physical education class is designed to introduce each student to a variety of physical activities that enables them to maintain a healthy lifestyle through physical education and to recognize the importance of the lifelong benefits of exercise. Students will do classwork, labs, and fitness standards as well as be exposed to various team sports. Through this class each student will have basic knowledge of how to evaluate oneself and how to create and implement a fitness program. The students will also be taught the importance of developing balanced lifestyles between mental, physical, spiritual, and social development.

Health ***(.5 Credit)***
This class is designed to introduce each student to a variety of health topics and issues such as healthful living, mental, physical, and emotional wellness, suicide, drugs, alcohol, reproduction, family dynamics, sexual education and responsibility, violence, abuse, and STD's. Students will also be taught the importance of developing balanced lifestyles between mental, physical, spiritual, and social development.

Individual Sports and Conditioning ***(.5 Credit)***
This class is designed to teach students the importance of cardiorespiratory fitness and expose them to several activities they can participate in for a lifetime. The students will use Heart Rate Monitors each day in class to make sure they are working in their target zone. The students have many choices of activities such as basketball, soccer, weight room, workout videos, run/walk, badminton, etc. This class will also teach the importance of individual fitness as well as the importance of developing valanced lifestyles between mental, physical, spiritual, and social development and the importance of the lifelong benefits of exercise.

Religion

Bible 1 ***(1.0 Credit)***
Students will encounter God, Christ, and His plan for our lives. Through searching the scriptures for His existence and character, they will discover how to enter a lasting and fulfilling relationship with Jesus.

Bible 2 ***(1.0 Credit)***
By following the Encounter curriculum, students will encounter God through the story of Hosea, David, and Jesus. They will learn of God's long-suffering love through the real story of Hosea and the example of a God-fearing leader blessed by God and a follower of His will, also God's faithfulness is demonstrated through David's humanity. Finally, Jesus the perfect instrument of God's will and character to inform and demonstrate God and his purpose for humanity.

Bible 3 ***(1.0 Credit)***
Students will identify the loving God and the plan of salvation by faith through Jesus Christ as the center of Seventh-day Adventist beliefs. Students will study Daniel and Revelation and develop knowledge of Bible doctrines allowing them to become effective witnesses for Christ.

Bible 4 ***(1.0 Credit)***
This course seeks to transform students' lives and equip them to walk with God. It uses the Bible as the foundational source of truth (the textbook) while also building a close, living relationship with Jesus. It also uses the latest pedagogy practices so that students become "thinkers, and not mere reflectors of other men's thoughts".

Servant Leadership I ***(.5 Credit)***
In addition to the North American Division Encounter curriculum the Servant Leadership class will examine relationships and team building strategies. Students dive into small group ministry and learn how to effectively run a small group. Students will learn the skills of peer mediation, conflict resolution, peer- to -peer counseling, and mentoring. In addition, students will learn to connect with church communities through discipleship, sermon creation, and developing the skills to lead Bible studies. Developing spiritual student leaders for Walker Memorial academy is the goal.

Science

Biology ***(1.0 Credit)***

This laboratory course provides a solid introduction to the study of life and its Creator. Interactions of living and nonliving conditions are studied. It explores such topics as scientific methods, logic, cell functions, botany, genetics, microbiology, and ecology.

Chemistry ***(1.0 Credit)***

Prerequisite: Biology /Algebra I

A laboratory course study on the composition of matter and the changes matter undergoes. This course will help prepare you for a general chemistry course at the college level. This course includes a laboratory component that will be a complement to the concepts learned during the course. The key concepts this course will cover are:

- Identify the principals of SDA Christian values in correlation with science
- Develop abilities in science
- Be able to apply science knowledge and skills to a variety of purposes
- Be able to understand relationships between matter and energy and how they interact
- Be able to safely explore chemical concepts
- Be able to analyze chemical data
- Be able to apply the principles of physics to health, life, and the physical environment

Physics ***(1.0 Credit)***

Prerequisite-Algebra 1 and Geometry

Physics introduces students to the fundamental laws that govern the universe, from motion and forces to energy and matter. Through engaging lessons and hands-on experiments, students explore topics such as mechanics, electricity, magnetism, waves, and thermodynamics. This course emphasizes problem-solving and real-world applications, helping students develop critical thinking skills and prepare for advanced science studies or STEM careers.

Anatomy and Physiology ***(1.0 Credit)***

Prerequisite: Biology

Students learn about the anatomical structures and physiology of the human body. Students will be introduced to common changes that occur throughout a normal lifespan, about major pathologies, including symptoms, causes and treatment.

Social Studies

United States Government ***(.5 Credit)***

This is a one-semester course designed to help the students to view democracy not as a spectator sport but as a civic responsibility that demands active participation. The course aims to encourage the enthusiastic participation of the students in the political process, which is critical to strengthening our democracy in the future. The course offers a comprehensive program in the structure and function of federal, state, and local government. At the same time, it calls attention to the basic values on which our political and legal systems are based and the principles that give direction to the ways which those systems work.

United States History ***(1.0 Credit)***

This course is a survey of key figures and events in our nation's story from the colonial era to the present. There will be an emphasis on the struggle of different groups for freedom in the U.S.

World History ***(1.0 Credit)***

A survey course of world history the class starts with ancient civilizations, moves through the Roman and Greek Empires, into the dark ages, onto the Renaissance and Reformation where students will be trained to recognize how new ideas influenced the changing world. The course will continue with a look at modern Europe and end with the world wars.

Introduction to Geography ***(1.0 Credit)***

Have you ever wondered why certain regions experience different climates? Or why some places are more prone to natural disasters? "Grade 10 Introduction to Geography" is your opportunity to delve into these questions and more as you embark on a virtual expedition across the globe. This course will not only introduce you to the fundamental concepts of geography but also inspire you to see the world through a geographical lens.

Economics ***(0.5 Credit)***

The primary objective of this course focuses on introducing students to the world of business and helping prepare them for a more meaningful and beneficial interaction with businesses and our economy. The primary content emphasis for this course pertains to the study of the concepts and processes of the national and international economic systems. Content includes, but is not limited to, currency, banking, and monetary policy, the fundamental concepts relevant to the major economic systems, the global market and economy, major economic theories and economists, the role and influence of the government and fiscal policies, economic measurements, tools, and methodology, financial and investment markets, and the business cycle

Technology/Vocational

Computer Essentials ***(1.0 Credit)***

- Project based course that introduces the students to the fascinating world of integrated media and technologies.
- It will provide students with an opportunity to learn a smart approach to technology and media.
- This course will also provide an introduction to media design using the iPad as a launching platform.
- Students will learn basic video, audio and graphic design methods, and skills that will help them in their careers at FLA and beyond.
- This course will also introduce skills in the areas of cloud computing, mobile collaboration, and data management.
- It will teach student critical thinking skills needed for a successful professional life.
- Standards:
    - Develop an SDA approach toward technology and its uses
    - Develop abilities in computer/mobile computer technology
    - Be able to apply ethically the knowledge and skills of media technology
    - Be able to understand history, common terms, and concepts and to utilize technological reasoning
    - Be able to manipulate data using appropriate software applications and technologies
    - Be able to communicate and work collaboratively utilizing computer technology
    - Be able to practice legal and ethical behavior in relation to technology

Computer Science (*1.0 Credit)*

Using Python as a primary tool and incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. Computer Science principles helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation.

Innovation 1 ***(1.0 Credit)***

This course will offer the students the opportunity to explore the broad field of robotics engineering. Topics will include: The history of Robotics and Technology, Engineering Design Process, the latest technology and its implications, robot programming (C++, RobotC, C#), Artificial Intelligence, Simulation development, and more. Applications used will include: RobotC, Microsoft Visual Studio, and Unity 3D.

Innovation 2 ***(1.0 Credit)***

This project-based course covers topics in Computer Aided Engineering and 3D printing. Students will use Autodesk Inventor to design, build and 3D print a wheeled robot and a robotic hand. Topics will include kinematics, mechatronics, entity creation, editing, dimensioning, file management, constraints, parametric and assembly modeling, and plotting. Applications used will include Autodesk Inventor, Blender, and Makerbot3D.

Innovation 3 ***(1.0 Credit)***

This project-based course covers topics in Java programming using the Lejos API and Eclipse. Students will be able to build and program a wheeled robot and industrial robotic arm. Topics will include software design process, Object Oriented Programming, objects, arrays, class creation and more. Also motivated students will have the opportunity to take the Computer Science Advanced Placement Test. Applications used will include: the Lejos API and Eclipse.

Innovation 4 ***(1.0 Credit)***

This project-based course will provide the student with the opportunity to use the Arduino platform to create an original robotic device. Students will design, 3D print, build, and program a robotic device of their choice. Topics covered will include electricity, circuits, prototyping, ideation, project management, C# and more. Applications used will include Autodesk Inventor, Arduino IDE, MS Project and MakerBot 3D.

Electives

Personal Financial Literacy (.5 Credit)

This course consists of the following content area and literacy strands: Economics, Financial Literacy, Mathematics, Language Arts for Literacy in History/Social Studies and speaking and listening. Basic economic concepts of scarcity, choice, opportunity cost, and cost/benefit analysis are interwoven throughout the standards and objectives. Emphasis will be placed on economic decision-making and real-life applications using real data. The primary content for the course pertains to the study of learning the ideas, concepts, knowledge, and skills that will enable students to implement beneficial personal decision-making choices; to become wise, successful, and knowledgeable consumers, savers, investors, users of credit and money managers; and to be participating member of global workforce and society.

Speech (.5 credit)

This course is an introduction to speech communication which emphasizes the practical skill of public speaking, including techniques to lessen speaker anxiety, and the use of visual aids to enhance speaker presentations. This course's goal is to prepare students for success in typical public speaking situations and to provide them with the basic principles of organization and research needed for effective speeches.

Yearbook (.5 credit)

Yearbook is designed to provide students with the opportunity to accomplish independent achievement in the journalism field through hands-on experience. The class functions as a publishing staff with student leadership to produce the school's yearbook. Staff tasks include editing, writing, creating computer graphic art proofreading, and photographing school events, with assignments overlapping. Each student will be assigned tasks under the direction of the student editor and teacher.

Debate (.5 credit)

Students will explore the role of debate in depth. Through participation in a variety of debate formats, students will understand the importance of constructing a valid argument, finding appropriate supporting evidence, and evaluating and refuting the arguments of their opponent. Students interested in improving their personal discourse and communication skills are highly encouraged to enroll in this course.

Honors Courses

Honors U.S. History *(.5 Credit)*

Honors U.S. History at Walker Memorial Academy is a rigorous, year-long course designed for 11th-grade students seeking an in-depth understanding of the political, social, economic, and spiritual development of the United States. Rooted in Seventh-day Adventist Christian principles, the curriculum emphasizes critical thinking, historical inquiry, and the integration of faith with learning. Students will explore major themes from colonial foundations to contemporary America, analyzing primary and secondary sources while engaging in debates, essays, and multimedia projects. The course fosters advanced literacy and research skills, preparing students for college-level expectations. Special attention is given to Biblical ethics, prophetic interpretation, and the Christian response to social issues throughout U.S. history. A culminating "Faith in Action" project challenges students to apply historical analysis and SDA values to real-world service and reflection.

Honors English 12*(.5 Credit)*

Honors English Language Arts 12 is a rigorous, college-preparatory course designed for students who have successfully completed English 11. This course integrates advanced literary analysis, writing, speaking, and research skills with a Seventh-day Adventist worldview. Students will explore classic and contemporary texts, engage in Socratic seminars, and produce scholarly writing that connects Biblical principles to literature and media. Honors-level projects include theological literary essays, multimedia presentations, and independent research. Emphasis is placed on critical thinking, ethical reasoning, and effective communication across genres and formats. The course also prepares students for college and career readiness through portfolio development and professional writing tasks.

Honors Chemistry *(.5 Credit)*

Prerequisite Algebra I

Honors Chemistry is a challenging, lab-based science course designed for 11th and 12th grade students who have successfully completed Algebra I. The curriculum emphasizes the structure and properties of matter, chemical reactions, stoichiometry, solutions, and nuclear chemistry. Students will engage in hands-on experiments, independent research, and advanced analytical tasks that foster critical thinking and collaborative learning. The course integrates Seventh-day Adventist Christian principles, encouraging ethical responsibility, stewardship, and recognition of God as the Creator. Honor-level expectations include extended lab investigations, technology integration, and leadership opportunities. This course prepares students for college-level science and promotes a deeper understanding of chemistry's role in society and faith

Honors Algebra II ***(.5 Credit)***

Prerequisite: Algebra I (Geometry recommended)

Honors Algebra II is a rigorous, college-preparatory course designed to deepen students' understanding of algebraic concepts while integrating Seventh-day Adventist Christian values. Students will explore real and complex numbers, trigonometry, functions, statistics, and polynomial expressions through problem-solving, modeling, and critical thinking. The course emphasizes precision, mathematical communication, and ethical reasoning, with weekly devotionals connecting math to biblical principles. Honors students will complete enrichment assignments in areas such as mathematical research, technology, and faith integration. This course prepares students for advanced mathematics and encourages a holistic view of math as both a logical and spiritual discipline.

Honors Music ***(.5 Credit)***

Prerequisite: Concurrent enrollment in Concert Band, Steel Drums, and Choir

Honors Music is an advanced elective for high school students committed to musical excellence and creative exploration. Meeting weekly outside of ensemble rehearsals, the course covers music theory, history, and cultural context, while fostering leadership and collaboration. Students will complete a personal music project—such as composition, arrangement, or research—and maintain a reflective journal to track their growth. Occasional guest workshops and enrichment activities enhance learning experience. Honors Music encourages students to think critically about music's role in society and their own artistic development. Successful completion may lead to an Honors Distinction Certificate recognizing outstanding achievement.

HONORS COURSE POLICY

Purpose

The Walker Memorial Academy Honors Program is designed to recognize and reward academic excellence by offering enriched learning experiences within core subject areas. The program aims to challenge high-achieving students through rigorous coursework and to prepare them for collegiate success.

Eligibility

To be eligible for the Honors Program, students must:

- Be enrolled in Walker Memorial Academy.
- Maintain a strong academic record and demonstrate a commitment to academic excellence.

Honors Courses Offered

Embedded Honors credit is available in the following courses:

- **Mathematics**: Algebra II
- **Science**: Chemistry
- **Social Studies**: U.S. History
- **English**: English IV (British Literature)
- **Religious Studies**:
- **Fine Arts**: Music Performance

Additional Honors Credit Opportunities

In addition to embedded Honors courses, students may earn Honors credit through the following:

Dual Enrollment Courses

- Dual Enrollment courses taken in conjunction with Walker Memorial Academy fulfill Honors credit requirements.
- A **one-semester Dual Enrollment course is equivalent to 0.5 Honors credits**.
- Students must receive prior approval from the administration to ensure the course qualifies.

Florida Virtual School (FLVS) Honors Courses

- Honors-level courses taken through FLVS may count towards the Honors Diploma.

- Students must obtain **prior approval** from the administration before enrolling in an FLVS course for Honors credit consideration.

Program Requirements

To graduate with an **Honors Diploma**, students must:

1. **Maintain a cumulative GPA of 3.50 or higher** on a 4.00 scale.
2. **Complete a minimum of 5 Honors credits** from the approved list of embedded Honors courses, Dual Enrollment, or FLVS Honors courses.
3. **Complete the requirements for the College Preparatory** diploma (See WMA High School Curriculum Guide)
4. Complete a "Faith in Action Capstone Project"

Course Designation

- Honors courses are embedded within standard course offerings and include additional assignments, projects, or assessments that reflect higher-level thinking and deeper content exploration.
- Students must meet all requirements of the embedded or approved external Honors curriculum to receive Honors credit.

Weighted GPA

- All Honors-designated courses, including embedded Honors, Dual Enrollment, and approved FLVS Honors courses, will be **weighted on a 5.0 GPA scale**.
- This weighting reflects the increased rigor of Honors coursework and is used in calculating class rank and eligibility for academic honors.

Completion Requirements

- Students enrolled in an Honors course must complete **all additional Honors requirements** by the **end of the semester** in which the course is taken.
- **Failure to complete the agreed-upon Honors requirements** will result in the student receiving **credit for the regular course only**, without the Honors designation or weighted GPA.
- **Extensions will not be granted**, except in the case of **serious and documented extenuating circumstances**, subject to administrative approval.

Academic Integrity

Academic integrity is a cornerstone of the Honors Program. All students are expected to uphold the highest standards of honesty and ethical behavior in their academic work. This includes, but is not limited to:

- Submitting original work and properly citing all sources.
- Refraining from plagiarism, cheating, or unauthorized collaboration.
- Maintaining honesty in all assessments, assignments, and communications.

Violations of academic integrity may result in:

- Loss of Honors credit for the course in question.
- Removal from the Honors Program.
- Disciplinary action in accordance with the school's academic integrity policy.

Students and parents will be required to sign an **Honors Academic Integrity Agreement** upon entry into the program.

Recognition

Students who fulfill the Honors Program requirements will:

- Receive an **Honors Diploma** upon graduation.
- Be recognized during the graduation ceremony.
- Have the Honors designation noted on their official transcript.

Monitoring and Evaluation

- Student progress will be reviewed each semester.
- Students falling below the GPA requirement may be placed on probation and given one semester to improve their academic standing.

Appeals

Students may appeal decisions regarding Honors credit or program status to the Honors Committee, composed of faculty and administrative representatives.

Credit By Exam Policy

Credit by Examination (CBE)

Walker Memorial Academy allows students to earn course credit by demonstrating mastery of the material through an approved exam, rather than completing the full course.

Eligibility & Requirements:

- Students who wish to earn credit by examination must meet all requirements outlined in the subject area curriculum and school academic standards.
- The exam must cover the same material taught in the full course.
- Students must earn a passing score based on established guidelines.

Grading & Credit:

- Results will be recorded as either:
  - **P (Pass)** or
  - A **letter grade**, depending on the course guidelines.
- CBE credits will appear on the student transcript.
- In most cases, CBE grades **do not count toward GPA**, unless specifically allowed by school policy.

Modern Language Credit by Examination

Students with prior experience in a modern language (such as through previous study or native fluency) may earn credit by passing a proficiency exam.

Guidelines:

- Students must pass an approved language proficiency exam to earn credit.
- A second level of credit (e.g., Level II) may be awarded:
  - After additional testing
  - With approval from school administration and the language teacher.

College-Level Examination Program (CLEP) Credit Policy

Purpose

Walker Memorial Academy (WMA) recognizes the College Board's College-Level Examination Program (CLEP) as a means for students to demonstrate mastery of academic content and earn high school credit by examination.

Eligibility

Students enrolled at WMA may request credit for approved CLEP examinations by submitting an official score report from the College Board.

Award of Credit

1. WMA may award up to one high school credit for an approved CLEP examination that aligns with a WMA graduation requirement.

2. A minimum CLEP score of 50 is required unless otherwise determined by the administration. The score of 50 is the credit-granting score recommended by the American Council on Education (ACE).

3. Credit earned through CLEP shall be recorded on the student's transcript as Credit by Examination (CLEP).

4. Credit awarded through CLEP shall not be included in the student's GPA unless otherwise approved by the administration.

Limitations

1. Students may not earn CLEP credit for any course already completed at WMA.

2. CLEP credit will not be awarded when it would result in duplicate credit for substantially equivalent coursework completed through another educational provider or credit-awarding program.

3. Students are responsible for verifying acceptance of CLEP credit with any post-secondary institution they plan to attend, as college policies vary.

Administration
The principal or designer shall determine course equivalencies and administer this policy.
Board Approval
This policy shall become effective upon approval by the Walker Memorial Academy School Board.

Applied Physical Education Policy

Applied Physical Education (Athletic Participation) – High School Course Description the Applied Physical Education course at Walker Memorial Academy provides students with an alternative pathway to earn Physical Education credit through structured athletic participation. In accordance with Florida Statute requirements, this course integrates physical activity with health-related principles, including fitness, teamwork, sportsmanship, and personal wellness.

Students may earn 0.5 credit for the successful completion of one full athletic season in an organized sport. Participation must occur at the junior varsity or varsity level, or through an approved athletic program that meets school guidelines for structured training, supervision, and competition. Two full athletic seasons may satisfy the state requirement of one full credit in Physical Education.

To qualify for credit, students must:

- Actively participate in all scheduled practices and competitions during the season
- Demonstrate appropriate sportsmanship and behavior
- Maintain academic eligibility
- Successfully complete the season as verified by a coach or supervising athletic authority.
- Provide documentation of participation, including attendance records and competition logs.

Administrative review and approval are required to confirm that all participation criteria have been met. Credit is awarded based on verified completion of participation requirements rather than seat time.

This course aligns with Florida law, which allows interscholastic athletic participation to satisfy Physical Education credit requirements. As outlined in statute, participation in two full junior varsity or varsity seasons fulfills the one-credit Physical Education requirement, and districts may not require this credit to be completed in a specific grade level.

This Applied Physical Education option supports student engagement in athletics while promoting lifelong fitness, healthy lifestyle choices, and personal responsibility.

Co-Curricular College Credit Program

(Washington Adventist University Partnership)

Walker Memorial Academy offers eligible students the opportunity to enroll in asynchronous college-level courses through Washington Adventist University (WAU). This co-curricular program is designed to enrich the academic experience by allowing students to earn college credit while completing their high school education.

Eligibility Requirements:
Students must meet the following criteria to participate:

- Maintain a cumulative GPA of 3.50 or higher
- Be on track to meet all high school graduation requirements
- Obtain approval from school administration (principal, counselor, and advisors)
-

Program Guidelines:

- Students may enroll in up to 6 college credits through WAU
- Courses count for college credit only and do not fulfill high school diploma requirements
- Participation must not interfere with the student's high school coursework
-

Application Process:
Students must consult with a counselor, select appropriate courses aligned with their goals, and submit a Co-Curricular Academic Agreement form signed by the student, parent/guardian, and administration before enrolling.

Financial Responsibility:
All costs associated with the program, including tuition, fees, and materials—are the responsibility of the student and their family.

Monitoring and Continuation:
Student progress is monitored by the school. Continued participation requires maintaining the minimum GPA and satisfactory performance in both high school and college coursework; otherwise, approval may be revoked.

This program provides motivated students with early exposure to college academics while strengthening college readiness.