



PLYMOUTH CHRISTIAN ACADEMY

Secondary Course Descriptions Guide

2023-24

Learning, Leadership & Service

43065 Joy Road, Canton, Michigan 48187
734.459.3505 www.plymouthchristian.org

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To Students:

We are thrilled to offer a program of studies that is uniquely suited to helping you in your journey to grow and develop into lifelong learners and leaders. The next few years are your passport to the future. The decisions you make will determine your opportunities for a college education, scholarships, and a career. This will be a time of self-discovery. You will learn about your life calling and abilities that make you an individual. Most importantly, you will begin to discover the gifts that God has given to you and how they fit in His plan for your life. In order to assist you in this process, Plymouth Christian is providing this Course Description Catalog to assist you as you plan for a bright future.

We enjoy a family atmosphere at PCA, rich with traditions and many unique experiences and opportunities for community. We work hard to provide the best possible experience for every student here and we love what we do.

As leadership, faculty and staff, we passionately love the Lord and we are deeply committed to help you develop a perspective on living and life that is based upon the truths of Scripture. We value the time we have with you and invite you to join in on “life” at Plymouth Christian featuring Murray Lake Day, the Variety Show, Spirit Week, Spiritual Life Retreat, Career Day (every other year), Class Trips, Senior Trip to Costa Rica, Sophomores to DC, and more!

God is preparing a special journey for you and we know that there is wisdom in much counsel. This Guide will assist you in the decision-making process, but you also need to trust the voice of experience. Do not go at it alone. Count on the counsel of your parents, pastors, and teachers. Use this guide as a launch pad for discussion with your parents. Listen, ask questions, and read and develop the best individual plan for your life. You, the student, and your parent, will make the final choices. You will determine your life goals and academic excellence.

Plymouth Christian Academy is pleased to be in a partnership with you, your parents, and your church in preparation for your future, and we are here to serve you. Educational offerings and requirements are frequently changing. Stay informed. Parent meetings and counseling sessions are available through the Counseling department. Feel free to contact the Counselor for the latest updated information.

Let’s work together to make this time of your life a fantastic adventure.

Educating for Eternity,

Mr. David Murray, Interim Secondary Principal

Mrs. RaShonda Jamerson, Secondary School Counselor

MISSION STATEMENT

Plymouth Christian Academy, in partnership with parents, seeks to educate students from a biblical worldview and equip them for a lifetime of learning, leadership, service and as faithful followers of Christ.

PURPOSE STATEMENT

The purpose of PCA is to produce students matured in their love for God, steeped in His word, educated about His world, dedicated to lives of service and learning, and prepared to fulfill their calling in His kingdom.

Plymouth Christian Academy

Regent Board Members

Dan Arbitter
Michael Warmbier
Esther Acosta
Rob Askew
Michael Joseph
Jason Loiselle
Tamiko Ogburn
Amie Smith
Ashea Tuggle
Barb Wieland

Administrative Team

Terri White | Superintendent
Rachel Didlake | Director of Spiritual Life
Sarah Harmon | Elementary Principal
Dan Hammar | IT and Network Support
RaShonda Jamerson | Secondary School Counselor
Rhoshonda Knox | Director of Human Resources
David Murray | Dean of Students
Bonnie Varney | Early Childhood Coordinator
Leanne Windle | Enrollment Coordinator
Matt Windle | Athletic Director

School Phone 734.459.3505
Counseling Officeext. 3118
Secondary Officeext. 3121
Secondary Attendance Lineext. 3181
Athletic Officeext. 3117
Athletic Director ext. 3198
Spiritual Life Office.....ext. 3131
Superintendent Office ext. 3145

**PLYMOUTH
CHRISTIAN
ACADEMY
SECONDARY
FACULTY AND STAFF**

2023-24

Lucas Backman *Bible*

Steve Bauslaugh, *Physical Education*

Connie Boyd, *Mathematics*

Marisa Brodhagen, *Physical Education and Health*

Gwen Brugger, *Receptionist*

Michelle Bushey, *English*

Diana Chapel, *Receptionist*

Yvonne Cole, *Science*

Travis Cook, *Performing Arts*

Christopher Cornell, *Bible*

Michael Costello, *Art*

Kevin Crouson, *Social Studies*

Erin Crouson, *English, and Yearbook*

Nicole Dalfino, *Educational Services Coordinator*

Frank Dame, *Bible, and Social Studies*

Birgit Daniel, *German*

Kelly Fair, *Performing Arts*

Steve Freece, *Science*

Ben Gietzen, *Science*

Jeanne Greuber, *Administrative Secretary*

Jori Groen, *Mathematics*

Carol Greve, *Athletic Secretary*

Debra Houk, *Lunchroom*

Margaret Jarrell, *Spanish*

Allison Johnson, *Educational Services*

Mary Parsons, *Social Studies*

Jeff Schmidt, *Social Studies*

Linda Sumner, *Librarian*

Bob Taylor, *Mathematics*

Jessica Wash, *Business & Technology*

Jaelyn Weber, *English*

Jamie Weertz, *Lunchroom Manager*

We aspire to graduate students with a Christian worldview who live out the following expected student outcomes. Applying strong academic knowledge, our students are prepared to think biblically with the ability to utilize critical thinking skills and influence our world for Christ. These outcomes reflect the core values and mission of Plymouth Christian Academy and serve as a foundation for life.

A Vibrant and Growing Follower of Jesus:

- Knows God's Word and has demonstrated an ongoing commitment to studying and apply it to their lives
- Active in their local church and has a plan to continue to be involved in fellowship with other believers post-graduation
- Has demonstrated an ongoing, regular, and disciplined prayer life
- Can articulate the Gospel and has demonstrated an ongoing practice of sharing it with others

Prepared Intellectually and Socially for the Transition to College and a Lifetime of Learning:

- Has been challenged with academic rigor that has stretched their individual capability each year K-12
- Capable of Entering a Top 250 National University
- Able to articulate their individual identity as a follower of Christ
- Has been exposed to a broad spectrum of experiences and opportunities including athletics, the arts, clubs, and ministries to identify and build God's unique gifting in each graduate

Established in the Foundations of Leadership and Service to Others:

- Has participated as a mentor and a mentee throughout their Secondary school years
- During each of their K-12 years the Graduate has been involved in a community service projects with increasing levels of engagement and leadership
- Can articulate how their relationship with Jesus integrates with their long-term vocational plan
- Has a thorough understanding of Biblical worldview and the dignity and worth of every human being as created in the image of God

School Counseling and Educational Services

Our counseling program works in partnership with parents, teachers, and administrators to help each student reach his or her academic potential through guidance related to personal, social, spiritual, career related and academic concerns. Our goal is to ensure that our students obtain a successful secondary educational experience! We also strive to make certain our students receive ongoing support as they search for and apply to colleges. With essentially 100% of our graduates attending a college or university, we work diligently with our students and families to encourage them through the college planning process. We offer resources and advice to find the best college match for our student's God-given abilities and interests while developing their gifts, passions, and goals. It is an honor to provide guidance and support for each student and family as they make well-informed and wise decisions for the future.

Counseling Statement

Using a Biblical foundation, our Secondary Counselor's approach is based on solution-focused brief and cognitive-behavioral counseling theories. Solution-focused brief counseling is positive and is focused on finding solutions not problems; behavior is the cause, not the student. We help students identify behavior, thoughts, and feelings that hinder their academic, personal/social, and career development. Delivery of services may include group counseling, individual counseling, classroom guidance, consulting, or referral services.

Educational Development Plan

An Educational Development Plan (EDP) raises awareness of the relationship between career goals and the credentials required to attain those goals. An EDP is a helpful tool for parents and students to utilize when registering for classes. All students must complete an EDP early in the first semester of each school year. Parents are encouraged to ask their children about their EDP to discuss future aspirations.

Naviance

As part of the State of Michigan "online experience" requirement, our students dedicate time on a web-based career exploration and planning system (<https://student.naviance.com/plymouthca>) that encourages them to consider and plan their respective futures. Students use assessment tools to determine which careers are a best fit for them, then explore detailed occupation profiles and examine comprehensive post-secondary education information.

Counseling News

The "School Counselor" section of the weekly Eagle's Parent Newsletter contains important and timely information. Please review this area for the latest information regarding meetings, college resources, educational information, scholarship opportunities, financial information, etc. Families receive the Newsletters via email.

2023-24 Testing Dates: Please review the Summary of Testing on the following page for important information on the various testing.

Educational Services

While PCA offers support for students who have learning challenges within the classroom by using purposeful methods of helping the student, it sometimes becomes necessary to make accommodations to the existing program to meet the educational needs of our students. These accommodations may include accommodations within the classroom or in the Learning Lab. If you have concerns in this area, please contact our School Counselor or Educational Specialist.

SUMMARY OF TESTING – 2023-24

NAME OF TEST	PURPOSE OF TEST	WHEN GIVEN	WHO PARTICIPATES	LOCATION OF TESTING	APPROX. COST
M.A.P.	Assess student progress	Fall, Winter, Spring	K - 6th grade	PCA	Included in tuition
M.A.P.	Assess student progress	Fall, Spring	7th-8th grade	PCA	Included in tuition
PSAT 8/9	Practice for the SAT	October 11, 2023	9th grade	PCA	Included in tuition
PSAT	1. Practice for the SAT 2. Screening for the National Merit Scholarship for 11 th grade 3. Receive information from colleges when you check "yes" to student search	October 11, 2023	10 th & 11 th grade	PCA	Included in tuition
SAT	Qualification for College acceptance	Spring	11 th grade	PCA	Included in tuition
SAT retake	Qualification for College acceptance	Various National Dates	11 th – 12 th grade	Register on-line at www.collegeboard.org (PCA Code: 230468)	\$60.00
ACT	Qualification for College acceptance	Various National Dates (PCA is a National Testing Center)	11th-12th grade	Register on-line at www.actstudent.org (PCA Code: 230468)	\$88 w/writing portion \$63 w/o writing portion (add'l fees for options)
AP Testing	College level exam- can earn college credit depending on test score	May	10 th , 11 th & 12 th graders in AP classes	PCA	
		AP Government - May 2024		PCA	\$95
		AP Calculus AB - May 2024		PCA	\$95
		AP German - May 2024		PCA	\$95
		AP English Lit. - May 2024		PCA	\$95
		AP US History – May 2024		PCA	\$95
		AP Chemistry - May 2024		PCA	\$95
		AP Spanish - May 2024		PCA	\$95
		AP Psychology - May 2024		PCA	\$95
		AP Eng Lang. – May 2024		PCA	\$95
		AP European History – May 2024		PCA	\$95

Grading Scale

PERCENTAGE	LETTER	NUMERICAL
93 - 100	A	4.0
90 - 92	A-	3.7
87 - 89	B+	3.3
83 - 86	B	3.0
80 - 82	B-	2.7
77 - 79	C+	2.3
73 - 76	C	2.0
70 -72	C-	1.7
67 - 69	D+	1.3
63 - 66	D	1.0
60 - 62	D-	0.7
0 - 59	F	0.0

Dual Enrollment

Plymouth Christian Academy Sophomore-Junior-Senior students may elect to take college level work through **Concordia University-Ann Arbor (CUAA)**, **Schoolcraft College**, **Spring Arbor University**, **University of Michigan**, and/or other local colleges. Dual enrollment allows students to earn both high school credit as well as university credit for select courses. These colleges offer a large variety of classes that are eligible for Dual Enrollment. For a current listing of courses being offered, please see the Secondary School Counselor.

Students who wish to be dual enrolled must meet the following requirements:

1. Student must be in good academic standing.
2. Student must obtain the signed approval of the counselor before taking a class outside of PCA. Classes that are taken without the consent of the counselor may not be accepted.
3. Depending upon the course taken, the student may be responsible for any required fees and tuition to the college. The State of Michigan will not pay for a core class (Math, English, Social Science, and Science) that is for high school credit. Additionally, the State of Michigan will not pay for any theology classes.
4. The student must be pre-approved and complete the appropriate college application.
5. Students and parents can decide to use the credit for high school graduation requirements or for college credit.

The student is responsible to check with the college of their choice on whether the course work completed in the dual enrollment class is acceptable for college credit. PCA will allow credit for high school which could (with permission from the college) be used for undergraduate credit. Minimum requirements exist for admittance to this program. The grades received in these courses are the grades that will be recorded on the high school transcript. Special scheduling to allow enrollment in college classes cannot be guaranteed.

Online Learning

Plymouth Christian Academy high school students may elect to take courses on-line within the following guidelines:

1. If PCA offers the class, students must take the class at PCA, unless there is an unavoidable scheduling conflict.
2. Student must be in good academic standing at PCA.
3. Student must obtain the signed approval of the PCA counselor and administrator before signing up for any on-line class.
4. The online class must be set up to issue a final grade, which must be submitted to PCA upon conclusion of the class.
5. Parents will cover the cost of the course.

Off Campus Academic Source

Plymouth Christian Academy high school students can elect to take a class at off campus academic locations (e.g. public school), within the following guidelines:

1. If PCA offers the class, students must take the class at PCA, unless there is an unavoidable scheduling conflict.
2. Student must obtain the signed approval of the PCA counselor and administrator before signing up for any class held at other academic locations.
3. An official transcript must be submitted to the PCA counselor at the completion of the course in order to have the grade transferred to the student's PCA transcript.
4. Parents will cover the cost of the course.

Advanced Placement Program

The Advanced Placement (AP) program is a cooperative endeavor between secondary schools and colleges/universities. It allows high school students to take college level academic courses and gives them the opportunity to demonstrate academic mastery through the AP exams. Depending on university requirements, students may have the opportunity to earn college credit with their AP exam scores. Students must check with the universities of their choice to ascertain advanced placement policies.

AP courses make substantial academic demands on the student. They are required to do a considerable amount of outside reading and other assignments. This helps students learn study skills and habits that are valuable throughout their college years. Further, they must demonstrate the analytical skills and writing ability expected of first-year students in a strong college program. Our goal for the PCA AP Program is to provide classes that challenge those students who demonstrate an ability and desire to meet the demands of a college level class.

Grades in the AP courses will be recorded on the high school transcript based on a 4 point scale. However, a student's calculated GPA on the transcript will include the grade based on a 5 point scale.

The students will be expected to take the national AP Exam in the spring. Students are responsible for covering the cost of the exam when exams are ordered in October.

Placement Criteria for EACH Advanced Placement Course

1. Students must have a year-end average of 92 in the subject area or a teacher recommendation.
2. A writing sample may be required from the AP teacher for review.
3. Counselor approval must be obtained for each AP course.

AP Courses Available:

AP Calculus AB	AP Psychology
AP Chemistry	AP Spanish Language
AP English Language	AP US History
AP English Literature	AP World History
AP Government	

Graduation Requirements

Total Credits Necessary to Graduate = 26

Michigan Merit Credits	(+)	PCA Core Curriculum Credits	(+)	General Elective Credits	=	26 credits
18	+	6	+	2		

1 semester (1/2 year) = .5 credit

2 semesters (1 whole year) = 1 credit

Bible **4 credits**

Old Testament Survey - 9th grade (2 semesters)
 New Testament Survey - 10th grade (2 semesters)
 Christian Thought and Spirituality - 11th or 12th grade (2 semesters)
 Elective options

English **5 credits**

English Foundations - 9th grade (2 semesters)
 American Literature & Composition (2 semesters)
 Speech (1 semester)
 Debate (1 semester)
 Elective options
 *PCA requirement: (1) English during Senior year

Math **4 credits**

Algebra I (2 semesters)
 Geometry (2 semesters)
 Algebra II (2 semesters)
 Elective options
 *State requirement: (1) Math during Senior year

Science **3 credits**

Biology (2 semesters)
 Elective Options

Social Studies **3 credits**

World History (2 semesters)
 U.S. History or AP U.S. History (2 semesters)
 U.S. Government (1 semester) or AP U.S. Government (2 semesters)
 Economics (1 semester)

Physical Education **.5 credit**

Health **.5 credit**

Fine & Performing Arts **1 credit**

Course Options

World Language **2 credits**

2 credits of the same language

Business and Technology **1 credit**

Business Technology 1 (1 semester)
 Business Technology 2 (1 semester)

Elective Credits **2 credits**

SAT – given to the Junior class in the spring **N/A**

Plymouth Christian Academy Graduation

Graduation from Plymouth Christian Academy requires a student to complete the required credits for graduation with at least the senior year being spent at PCA. All students must take a minimum of 3 credits each semester (6 credits for the year) for freshman, sophomore, and junior years. Seniors are required to take at least five *academic* classes each semester to be considered a full-time student at PCA. Eligibility for early release will be determined by the student's academic record, attendance record, and conduct record.

All required courses failed in the ninth, tenth, eleventh, and twelfth grade must be made up prior to graduation. Students must complete a minimum of 26 credits to graduate.

A current list of graduation requirements and course offerings is available in this guide and online at www.plymouthchristian.org. It is important for students to check with the School Counselor each year to be certain they are meeting graduation requirements. Since college admission and scholarship acceptance requirements vary, please note that meeting the minimum graduation requirements may not meet the requirements of some post-secondary programs. Consult with your intended school of choice for additional information. Parent and student input are considered in course placement; however, the school reserves the right to place students based on course requirements and maximum class sizes. Grades, test scores and teacher recommendations play an important role in course placement.

Planning For Your Future

FRESHMEN Year Checklist

- Take the PSAT 8/9 test
- Join a sport, club or student government. It's never too early to begin a resume or potential references/recommendations for college.
- Start a portfolio to keep track of your activities, volunteer work, jobs and the names of a contact person for each. Write down your impressions, especially what you do and don't like about each activity. Gradually, you may begin to identify your interests or a potential college major.
- Check out web sites of your 'dream' colleges. What are their admissions requirements? Are you taking the right courses?
- Talk to your parents about how much money may be available for your college education. Not a lot? No problem IF you plan ahead.
- Meet with your counselor for a Freshman Visit to begin planning your High School career and discussing college goals.
- Make a list of academic and personal goals. Review them at least once a year.
- Create a file. Get a milk crate and some folders. Keep all your important papers, grades, magazine articles, scholarship opportunities and other pertinent work.
- Find fun and interesting ways to volunteer.

SOPHOMORE Year Checklist

- Take the PSAT test.
- Focus on your GPA.
- Take AP exams for any AP classes completed.
- Review and revise your goals.
- Start a list of colleges to consider. Be sure to go to any college fairs in your area.
- Start a scholarship search.
- Update your records of activities, volunteer work, employment, programs, classes, and travels. File information you receive on colleges, scholarships and tests. Your interests may change as you get older and gaining more experience may help narrow your career focus. These activities are also great to list on resumes and college applications.
- Think careers! Talk to people about their jobs.

JUNIOR Checklist

- Concentrate on your GPA.
- Take the PSAT in the Fall, SAT in the Spring.
- Get information packets from the colleges you're considering.
- Intensify your scholarship search. Keep track of deadlines and requirements.
- Attend career days, college fairs and financial aid workshops.
- Meet with your counselor. Be sure your classes are on the right track for the colleges you're considering and that you're meeting graduation requirements.
- Talk to your coach if you want to play for a college team or apply for an athletic scholarship.
- Take AP exams for any AP classes you've completed.
- Create a master calendar of deadlines. Include college applications, test registrations and test dates, scholarships applications, housing, and financial deadlines.
- Zero in on which teachers, coaches, or pastors you want to ask for recommendations.
- Work on your resume.

SENIOR Year Checklist

- **Fall:** Last chance to take the ACT or SAT. Register early.
- Complete college applications, financial aid and housing applications.
- Make sure your high school transcripts and records are correct and up to date.
- Attend college fairs and financial aid workshops.
- Request letters of recommendation from teachers, employers and coaches.
- Finish essays for college applications and scholarships.
- Update your resume.
- **October:** Complete FAFSA (Federal Student Aid Form)
- **Winter:** Fill out financial aid forms. Apply for scholarships.
- **Spring:** Decide on a college and notify the admissions office by May 1st of your acceptance.
- Create a budget to determine your needs.
- Determine if you need a student loan. File your application.
- Complete your Senior meeting with your counselor.
- Take AP exams.
- Send final transcript to your college.

PCA Athletics

"... whatever you do, do it all for the glory of God." I Corinthians 10:31

At Plymouth Christian Academy, we strive to maintain excellence in athletics, regarding sports as a key part of our comprehensive educational atmosphere. We have an experienced coaching staff that serves as Christian role models and examples of excellence.

ATHLETIC DIRECTOR, 734.459.3505 - Ext. 3198

VISIT OUR WEBSITE: www.plymouthchristianeagles.com TO VIEW GAME SCHEDULES

VARSITY SPORTS

<u>Boys:</u>			<u>Girls:</u>		
<u>Fall</u>	<u>Winter</u>	<u>Spring</u>	<u>Fall</u>	<u>Winter</u>	<u>Spring</u>
Cross Country	Basketball	Baseball	Cross Country	Basketball	Soccer
Co-Op Football	Bowling	Golf (Co-ed)	Volleyball	Bowling	Softball
Soccer	Co-Op Wrestling	Track	Golf	Comp. Cheer	Tennis
Tennis			Sideline Cheer		Track

FRESHMAN SPORTS

Girls: Volleyball (fall)

Boys: Basketball (winter)

JUNIOR VARSITY SPORTS

Girls: Volleyball (fall), Basketball (winter), Softball (spring)

Boys: Soccer (fall), Basketball (winter), Baseball (spring)

MIDDLE SCHOOL SPORTS

Girls: Volleyball (fall), Basketball (winter), Softball, Soccer (spring)

Boys: Soccer (fall), Basketball (winter), Baseball (spring)

Combined: Cross Country (fall), Track (spring)

FACILITIES

- | | | |
|------------------|--------------------|------------------------|
| . 2 Gymnasiums | . 2 Soccer Fields | . Indoor Batting Cage |
| . Softball Field | . Baseball Field | . Outdoor Batting Cage |
| . Weight Room | . Practice Diamond | . Locker Rooms |

CAMPS / CLINICS

Past offerings of camps & clinics on our campus have included basketball, baseball, soccer, volleyball, weightlifting, running, and cheerleading.

MIAC

We are a member of one of the most competitive small school conferences in the state.

The **M**ichigan **I**ndependent **A**thletic **C**onference (MIAC) which consists of the following schools:

Charyl Stockwell Prep Academy

Huron Valley Lutheran

Inter-City Baptist

Livonia Clarenceville

Lutheran – Northwest

Lutheran – Westland

Novi Christian

Oakland Christian

Parkway Christian

Plymouth Christian Academy

Roeper School

Southfield Christian

Whitmore Lake

Plymouth Christian Academy

Secondary Course Descriptions

BIBLE DEPARTMENT

At PCA, Bible class focuses on studying the Scriptures while learning developmentally appropriate hermeneutics, biblical theology, comparative worldviews, and apologetics so that their faith might be well reasoned, biblically founded, and wise. These courses equip students to think responsibly about their faith, actions, and spiritual growth from a Biblical Worldview. Students are given opportunities to live out their faith through Christian service. They are encouraged to develop a deepening, personal relationship with Jesus Christ evidenced in strong character reflecting Christ's love in a God-centered pattern of living. The Bible department educates more than just Christian minds but holistically seeks to educate believers in the development of their faith to love God with all their heart, mind, and strength. Teachers at Plymouth Christian Academy are dedicated to educating for eternity!

GRADE SEVEN: CHURCH HISTORY AND SPIRITUALITY

Prerequisite: none

Full year

Texts: *Church History* by Simonetta Carr, *Epic: An Around-the-World Journey Through Church History* by Tim Challies DVD Series; *Acts from The Most Important Thing You'll Ever Study: A Survey of the Bible* by Starr Meade

Description: Survey of Acts through the modern church

Finding tangible links between the past and present, students will begin to explore what God is doing in the world by looking back in time at His enduring grace. This introductory study will trace how God has preserved his Church from Christ's resurrection through the modern era. Beginning with the book of Acts, students will discover the EPIC story of Christian History through the lives, events, and movements that spread the Gospel from Jerusalem, to Judea, and to the ends of the earth discovering that in Christ, they are a part of something way bigger than they ever imagined!

GRADE EIGHT: PAULINE LITERATURE & INTRO TO THEOLOGY

Prerequisite: none

Full year

Texts: Paul's Epistles from *The Most Important Thing You'll Ever Study: Survey of The Bible* by Starr Meade; *Visual Theology* by Tim Challies

This overview of Paul's Epistles encourages middle school students to explore God's Word for themselves. Teaching students about important themes and topics, such as the role of God as the main character of the Bible and the relationship between Scripture's divine inspiration and human authorship. Students will begin to understand how the foundations of theology introduced in the writings of Paul relate to life's biggest questions, to relationships, to leadership, and so much more!

GRADE NINE- OLD TESTAMENT SURVEY

Prerequisite: none

Full year, 1 credit

Texts: *What The Old Testament Authors Really Cared About: A Survey of Jesus' Bible* Edited by Jason DeRouchie

Knowing that the entire Bible reveals God, this course will survey the Old Testament while building interpretation skills. Students will unpack the message intended by the O'T writers and discover foreshadowing to God's full plan in Christ beginning in Genesis. Tracing the mission of God, students will find the Old Testament as the foundation for Christ's Kingdom message. Student will gain a greater understanding of Israel's sacrificial system through a building project of the temple. God's commitment and kindness to Israel will draw students to encounter the unchanging character and compassion of God.

GRADE TEN- NEW TESTAMENT SURVEY

Prerequisite: none

Full year, 1 credit

Texts: *Four Portraits, One Jesus* by Mark L. Strauss; *What the New Testament Authors Really Cared About: A Survey of their Writings* by Kenneth Berding and Matt Williams

Encountering Jesus in his biblical and historical context, this class continues to develop hermeneutical skills while surveying the New Testament. Coursework will emphasize *encountering* Christ as the primary revelation of God. This survey will trace important themes in each NT book and letter. Focusing on what the New Testament authors really care about allows students to pay attention to what the New Testament is saying and why it matters for life today!

GRADES ELEVEN AND TWELVE – Christian Thought and Spirituality

***Required in Grades Eleven or Twelve for graduating classes after 2024**

Prerequisite: Junior/Senior Only

Full year, 1 credit

Texts: *Spiritual Disciplines for the Christian Life* by Donald Whitney, *Mere Christianity* by C. S. Lewis, *Have No Fear: Being Salt and Light Even When It's Costly* by John Lennox

Students will explore how a well-formed Christian worldview informs all aspects of life; specifically in thought, intention, and deed. Beginning with C.S. Lewis' *Mere Christianity*, students will learn how their theological understanding impacts all of life. Next, students will read John Lennox's *Have no Fear: Being Salt and Light Even When It's Costly*. Students will learn to use Apologetics as an evangelistic tool to present the gospel of Christ more clearly to a questioning world. Lastly, students will explore how a Christian Worldview produces a vibrant spiritual life by reading Donald Whitney's *Spiritual Disciplines For The Christian Life*. During this portion of the course students will gain a working understanding of spiritual disciplines, what they produce in their lives, and how to use them to deepen their faith and relationship with Jesus.

GRADES ELEVEN AND TWELVE ELECTIVE OFFERINGS

***One Credit Required, more permitted**

CHURCH HISTORY

Prerequisite: Junior/Senior Only

Full year, 1 credit

Text: *Turning Points* by Mark Knoll

A study of the development of the Church from its earliest foundations to the modern church. The first half of the course will cover the foundations of the Christian church from the New Testament period to the Protestant Reformation. The second half will cover the Protestant Reformation through the present day. The development of key doctrines, specific controversies, and major movements/divisions within the church which have created the denominations of today will be the focus of study. Students will also be able to see key figures of the church and their legacy on doctrines and traditions. Students will be challenged to examine primary documents from many of these key figures and events to gain a deeper understanding of how consensus and orthodoxy were reached across the history of the Church.

ETHICS AND WISDOM LITERATURE

Prerequisite: Junior/Senior Only

Full year, 1 credit

Texts: *Christian Ethics: An Introduction to Biblical Moral Reasoning* by Wayne Grudem; *Exploring the Old Testament: A Guide to the Psalms & Wisdom Literature* by Ernest C. Lucas

Drawing heavily on Biblical Wisdom Literature and Christian Ethics this course aims to help students apply a biblical worldview to difficult ethical issues, including wealth and poverty, marriage and divorce, birth control, abortion, euthanasia, business practices, environmental stewardship, telling the truth, knowing God's will, understanding Old Testament laws, and more.

SPIRITUAL LEADERSHIP ACADEMY YEAR

Prerequisite: Junior/Senior Only; application

Full year, 1 credit

Texts: *Spiritual Leadership* by Oswald J. Sanders; *Discovering Lectio Divina: Bringing Scripture into Everyday Life* by James Wilhoit and Evan Howard

Spiritual Leadership Academy Year is a leadership development course that equips high school Juniors and Seniors to grow as leaders while providing service and ministry opportunities. This course is founded on the belief that high school students who are seeking to live out their relationship with Christ can be used by God to impact their spheres of influence. This course will invest in training students as leaders *and* trust them with meaningful responsibilities. Students will be expected to establish relationships, run events, create new ideas, impact communities, and change the cultural expectation for high school students all while growing in Christ together!

WORLD RELIGIONS

Prerequisite: Junior/Senior Only

Full year, 1 credit

Texts: *Neighboring Faiths: A Christian Introduction to World Religions* by Winfried Corduan; *Perspectives on the World Christian Movement: A Reader* Edited by Ralf Winter and Steven Hawthorne

Students will be introduced to World Religions and how they are practiced throughout the world by neighbors near and far. This survey covers major and minor religions including Judaism, Islam, New Age Philosophy, African traditional religions, Native American religion, Mormonism, Jehovah's Witness, Hinduism, Buddhism, Taoism, Sikhism, Shinto, Japanese religions, and Global Christianity. Considering other faiths, the uniqueness of the Gospel message found in Christ shines clearly motivating compassion, service, and evangelism.

ENGLISH DEPARTMENT

As Christians, communication skills, both in written and oral form, are very important. This makes our English classes essential parts of an outstanding Christian education because of their practical and aesthetic qualities. Valuable reading-comprehension skills can transfer to effective Bible study with deeper understanding of God’s Word. The development of oral and writing skills also helps our students to better articulate their faith to those who need to hear the “Good News.” Through the study of literature, our students can see the historical issues of life with its personal struggles and God’s dealings with His creation. Through the study of aesthetics, our students will enhance their appreciation of the creative qualities of our Heavenly Father and His creative gifts given to people throughout history.

GRADE SEVEN ENGLISH

Prerequisite: none

Required for 7th grade

Full year

This course continues the learning process that each student has started in reading, writing, speaking, listening, and viewing skills. Students will explore each theme through a variety of units – narrative, informational, argument and descriptive – that enable them to not only discover these themes, but also understand and apply them to their lives. Using a combination of inquiry-based instruction, novels and multiple materials, students will become readers and writers who critically and biblically examine the world around them. On a weekly basis, students will study vocabulary words, build their academic language in both spoken and written texts. Seventh graders will also learn how to construct 4 different essay forms: argumentative, problem and solution, descriptive and informational.

GRADE EIGHT ENGLISH

Prerequisite: none

Required for 8th grade

Full year

This course furthers the learning process that the students have started learning in seventh grade. Students will dig deeper into the various themes – narrative, informational, argument and descriptive - of English Language Arts through inquiry-based instruction, novel, and theme studies. On a weekly basis, students will continue to study vocabulary words and build their academic language in both spoken and written texts. In addition to genres and literature, eighth grade students will also learn how to write an informational text essay and multiple styles of essays.

ENGLISH FOUNDATIONS

Prerequisite: none

Required for 9th grade

Full year, 1 credit

Grammar, written communication skills, and literary analysis are integrated into this course to enhance the abilities of our students. The first semester of English 9 concentrates on Essay Composition, in studying the structure of several styles of academic essay, and on grammatical form and technique. First semester culminates in the writing of essays in several different styles. The second semester entails five literature units: short story, poetry, Shakespearean drama, mythology/Greek drama and novel. Each lay a foundation for further study of literature in the years to come. These literary forms are analyzed from a Christian worldview.

AMERICAN LITERATURE & COMPOSITION

Prerequisite: none

Required (10th or 11th or 12th)

Full year, 1 credit

This course provides a study of American literature and its corresponding history. The curriculum is designed for the college bound student with a focus on critical reading and writing skills. Students will study prominent American authors such as Emerson, Hemmingway, Irving, Thoreau, Fitzgerald, Frost, Dickinson, Whitman, and Poe, and learn how literary time periods and history affects the ideas and styles of their works. Students will learn how to critically respond to various genres of literature including poetry, plays, novels, historical narratives, and short fiction. Additionally, the student’s understanding of proper research, drafting, and composition skills will be furthered with extensive research and advanced essays.

SPEECH

Prerequisite: none

Required (9th or 10th or 11th or 12th)

One semester, .5 credit

This course is designed to provide high school students the opportunity to build speaking skills for high school and college as well as in the workplace. To ensure progress and development of this skill, students will be presented with and tested on information from their text, as well as participate in a variety of speeches. The various objectives of this class include understanding the communication process, becoming aware of and understanding the roles of verbal and nonverbal communication, evaluating the strengths and weaknesses of others' speeches, and building self-esteem through successful communication experiences.

DEBATE

Prerequisite: Speech

Required (9th or 10th or 11th or 12th)

One semester, .5 credit

This course is designed to provide high school students the opportunity to build upon research and argumentation skills as students participate in a variety of debates, including Policy Debate, Lincoln Douglas Debate, Student Congress, Public Forum Debate, and Mock Trials. Students will be taught how to write an argumentative case, how to deliver a rebuttal, methods in cross-examination, and how to improve analytical thinking.

ENGLISH ELECTIVES

SURVEY OF BRITISH LITERATURE AND BRITISH NOVELS AND COMPOSITION

Prerequisite: none

Elective for 11th or 12th

Full year, 1 credit

The first semester of this course provides a study of British literature beginning with the Anglo-Saxon period through the Romantic period. Students learn collegiate response skills to various texts that have shaped the construction and foundation of Western literature and ideas. This course includes vocabulary, hands-on assignments, and a range of writing assignments. Second semester focuses on novels and composition, where students will hone their writing skills through the composition of narrative, informative, and explanatory writing.

SENIOR LANGUAGE AND COMPOSITION

Prerequisite: American Literature

Elective for 12th

Full year, 1 credit

This Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods. Students in this course will complete the Senior Capstone project, in cooperation with our Bible Department.

ADVANCED PLACEMENT (AP) ENGLISH LANGUAGE AND COMPOSITION

Prerequisite: American Literature, see AP policy on pg. 9

Elective for 11th or 12th

Full year, 1 credit

This Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods. This is a college level course, and students have the potential of earning college credit through the A.P. exam in May.

ADVANCED PLACEMENT (AP) ENGLISH LITERATURE & COMPOSITION

Prerequisite: American Literature, see AP policy on pg. 9

Elective for 12th

Full year, 1 credit

This course is designed for students who show exceptional ability in English. In this course, students will analyze and respond to a wide variety of English literature. Emphasis will be placed on finding multiple meanings of a work, responding in oral and written forms, considering secular and Christian worldviews as a part of their analysis, paying attention to literary movements and historical influences, and using proper vocabulary and terminology in response to a text. Students will spend a lot of time writing both inside and outside of the classroom and are expected to focus on strict adherence to a thesis statement, proper and effectual use of textual evidence, and developing a more complex writing style. This is a college level course, and students have the potential of earning college credit through the A.P. exam in May.

YEARBOOK/JOURNALISM

Prerequisite: None

Elective for 10th, 11th, 12th (does not count toward English credits)

Full year, 1 credit

Yearbook - Students will gain proficiency in layout, design, copywriting, advertising, and photography. Work outside of class is expected in order to photograph events and conduct interviews. Students practice organizational and time management skills in meeting deadlines and are responsible for every aspect of yearbook production. Multi-year enrollment in this course is encouraged, and returning students have the opportunity for leadership roles.

Journalism - Assignments happen simultaneously with yearbook work. Students will study the basic principles of journalism and report on school events. They will learn investigative skills, responsible journalism practices, and Associated Press style writing. Student work is frequently featured on our school's social media outlets.

CREATIVE WRITING

Prerequisite: None

Elective for 9th-12 grades

Full Year, 1 credit

This writing course is an in-depth study on many various types of creative writing. It is designed to be a creative, light-hearted, enjoyable class with little to no work outside of class. There is an emphasis on descriptive writing and showing rather than telling, and emphasis is put on incorporating imagery and other literary devices into one's own writing. Genres of writing include short stories, poetry, media presentations and movie creating, children's stories, devotionals, photography writing, as well as many others. The class also collaborates to create a class novel, and a school newspaper is published and printed for the student body quarterly during the school year. This is an excellent opportunity for those who love to write, and it is helpful to both students who excel in writing and also those who struggle.

FINE & PERFORMING ARTS DEPARTMENT

Fine arts are essential in a well-rounded education. Our Fine Arts Education Program provides our students with the opportunity to explore Art, Music, and Drama. Through the act of creating, students are challenged to exercise their minds, solve problems, and to utilize their imaginations while formulating new ideas. It provides the individual with a sense of confidence through their accomplishments in their field. Participation in a fine arts program contributes to the development of the positive character qualities of teamwork, flexibility, appreciation and respect for others' ideas, and striving to glorify God through their efforts and talents.

MIDDLE SCHOOL ART

Prerequisite: none

7th Grade: 1 Quarter, rotated with PE and Keyboarding

8th Grade: Full Year Elective

Full year

Students will explore the elements of art and the principles of design using various media and techniques including drawing, painting, sculpture, printmaking, and ceramics. The history of art, various artists and styles will be introduced.

INTRODUCTION TO ART – Hello Art!

Prerequisite – None

Elective for 9th, 10th, 11th, 12th

One Semester, .5 credit (offered First and Second Semesters)

Students will learn the elements and principles of design along with basic methods of creating art. They will learn to solve an artistic problem and carry their idea through to a finished product. In addition, they will gain an appreciation for various artistic styles, as well as a working knowledge of a variety of two and three-dimensional media, including pencil, charcoal, pastels and paints.

ADVANCED DRAWING – Sketches and More

Prerequisite – Introduction to Art

Elective for 9th, 10th, 11th, 12th

One Semester – .5 credit (offered Second Semester)

Students will learn to solve complex artistic problems. They will develop their own style and learn to choose the proper subject matter and medium to express their ideas. Throughout the class they will gain an understanding of how to critique their own work along with another students' work. The essence of this course is for the student to develop their own artistic voice while increasing their knowledge of technique. A basic understanding of art history will also be acquired. Fundamental concepts of drawing with an emphasis on observational, descriptive and analytical drawing. Practice of drawing skills using common drawing media.

PHOTOGRAPHY – More than Snapshots

Prerequisite – Introduction to Art

Elective for 9th, 10th, 11th, 12th

One Semester – .5 credit (offered First and Second Semesters)

Introduction to photography as a fine art medium, including the functions and controls of a digital camera; photography as a means of visual art expression, in monochrome and color; the basic aspects of image adjustment software; and, historical and contemporary approaches to both technical and artistic/conceptual practice.

CERAMICS – More than Mugs and Pots

Prerequisite – Introduction to Art

Elective for 9th, 10th, 11th, 12th

One Semester – .5 credit (offered Second Semester)

Ceramic processes including hand building, with terra cotta clay, low-fire glaze formulation, and kiln firing as a means of cultural and artistic expression. This course is for beginning students or students taking ceramics as an elective. Forming techniques including coil, slab and slip casting as well as approaches to glazing and firing are explored.

GRAPHIC DESIGN – Making a Mark

Prerequisite – Introduction to Art

Elective for 11th, 12th

One Semester – .5 credit (offered Second Semester)

Overview of form and communication analysis and manipulation. Investigation of theory, concept and visual tools central to developing visual communication systems. Students will design posters, magazine covers and explore package design, typography and the psychology of color.

PAINTING – A Color Explosion

Prerequisite – Introduction to Art

Elective for 11th, 12th

One Semester – .5 credit (offered First and Second Semesters)

Representational painting of landscape, figure, and still life imagery. Painting concepts, materials, and techniques. Students will work in oil, acrylic and watercolors.

CARTOONING / CHARACTER DESIGN – Personality and Panels

Prerequisite – Introduction to Art

Elective for 11th, 12th

One Semester – .5credit (offered First and Second Semesters)

Introduction to traditional and emerging visual narrative methods and comics production. Formal and conceptual strategies unique to the comics medium and critical consideration of artistic, instructional, and narrative capacities of comics. Character development, pen-and-ink, hand-illustration, and digital techniques for constructing storyboard layouts, graphic novels, and sequential art.

MIDDLE SCHOOL INSTRUMENTAL MUSIC – CONCERT BAND

Prerequisite: none

Elective for 7th and 8th

Full year

Students will develop their aural and musical skills through the study of different band music styles and become familiar with a variety of musical time periods. Each student will be encouraged to develop his or her skills through better technique in playing, sight-reading to speed up the process of learning new music, learning to blend with other instruments and to develop an appropriate performing stage presence. The discipline gained from personal practice and perfecting their talents has a great deal of carry-over to their adult lives. Many churches provide opportunities for individuals to enhance the worship of God through the vehicle of instrumental music all through their adult lives.

INSTRUMENTAL MUSIC – SYMPHONY BAND

Prerequisite: none

Elective for 9th, 10th, 11th, 12th

Full year, 1 credit

Students will continue to develop their aural and musical skills at the high school level, with an emphasis on achieving the highest possible technical ability for each individual student.

JAZZ BAND

Prerequisite: none

Elective for 7th, 8th, 9th, 10th, 11th, 12th

Full year, 1 credit

The Jazz Band places an emphasis on performing a variety of styles of jazz music. These styles are blues, shuffle, ballad, funk, samba, and rock. Students will learn to improvise solos through the study of chord changes, theory, and audiation. Jazz Band students will also study the history of jazz and jazz musicians, learning about the icons who paved the way for jazz. Students will also learn about the process of transcription, in order to fully develop their ear training, and diversify their jazz vocabulary. Finally, the members of the jazz ensemble will perform at all concerts, and festivals.

VOCAL MUSIC – MIDDLE SCHOOL CHOIR

Prerequisite: none

Elective for 7th and 8th

Full year

The MS Choir at PCA is designed to encourage each student to use his/her voice to honor and glorify God. Each choir student will begin to explore basic singing skills and develop a solid foundation for vocal production through instruction in proper breathing, posture, diction, vowel formation, and sight-reading. They will also learn to develop and expand music reading, writing and performance skills through introduction to theory, composition, musical games, and various performance media (i.e. concerts, chapels, festivals). The importance of working together as a team is emphasized as students learn to blend as an ensemble and perform with proper stage presence. Students will learn to analyze and evaluate works of art and to describe them in their historical and cultural contexts. Lastly, students will learn to recognize and describe connections among the arts. By this means each student is given an opportunity to use his/her voice in order to "...sing and make melody in their hearts to the Lord." (Ephesians 5: 19)

VOCAL MUSIC – HIGH SCHOOL CHOIR

Prerequisite: none

Elective for 9th, 10th, 11th, 12th

Full year, 1 credit

The PCA High School Choir is an elective course open to all students desiring to use their voice to honor and glorify God. The choir provides students with an opportunity to sing, understand, and appreciate music from a wide variety of styles, cultures, and historical periods. Each choir student will explore and master basic singing skills and develop a solid foundation for vocal production through further developing vocal technique (i.e. proper breathing, posture, diction, vowel formation and tone quality). Emphasis is placed on increasing proficiency of each singer by developing skills in sight-reading and enhancing the level of musicianship through ensemble blend in rehearsal and performance. The High School choir will assist students in further expanding their music reading and writing skills through instruction in music theory, composition and music games which reinforce the concepts that are taught. Students will learn to evaluate and analyze music and to describe it in social, cultural and historical contexts. Choir members will describe and recognize the relationship between the arts and other disciplines. The choir performs at several concerts, chapels, community events or festivals. Each student will have the opportunity to exemplify Psalm 150:6 "Let everything that has breath praise the Lord!"

MIDDLE SCHOOL - INTRO TO THEATRE

Elective for 7th, 8th

Full Year

In this class students will learn the basics of improv, pantomime, voice, characterization, acting, and more. Students will watch, read, and experience theatre in order to develop a critical eye for quality. At the end of the year, the students will perform in their own production. There will be two curriculums for this class that will switch every other year so that students may repeat the course if they desire.

THEATRE I

Elective for 9th and 10th grade

Full Year, 1 Credit

In this class students will review the basics of improv, pantomime, voice, characterization, acting, and more. They will also learn the basics of technical theatre such as costuming, lighting, sound, and set design. In addition, students will focus on scene work, auditions, and theatrical analysis of comedic and dramatic works. At the end of the year, students will perform in their own production.

THEATRE II

Prerequisite: Theatre I

Elective for 11th and 12th grade

Full Year, 1 credit

In this class students will spend little time reviewing the basics and instead perform in two shows each year. The first semester would be spent in preparation for a musical play performance including singing and choreography. In addition to performing, students will assume creative roles such as director, producer, or designer. The second semester would be spent in preparation for a straight play performance, and the students would once again assume creative roles such as director, producer, or designer. The plays chosen will vary from year to year, which means students may take this course more than once.

MATHEMATICS DEPARTMENT

As Scripture teaches in Isaiah 28:10 ESV, “For it is precept upon precept, precept upon precept, line upon line, line upon line, here a little, there a little.” The Mathematics Department provides a complete and comprehensive program, training students to advance in proficiency by providing opportunities for success at all levels of ability. Our goal is for every student to achieve the greatest possible performance in math, recognize their God-given talents through this process, and develop an appreciation for learning and using mathematics. All math courses emphasize problem-solving, mathematical concepts and applications, and critical thinking.

HIGH SCHOOL MATH TRACKS (Students can take Geometry with Algebra 1 or Algebra 2 with approval)

Algebra Foundations -> Algebra 1 -> Geometry -> Algebra 2

Algebra 1 -> Geometry -> Algebra 2 -> Pre-calculus or Financial Algebra or Statistics

Algebra 1 -> Geometry -> Algebra 2 -> Pre-calculus -> AP Calculus or Financial Algebra or Statistics

SAXON MATH COURSE 1 – Middle School

Prerequisite: none

7th

Full year

This course strengthens math foundational concepts and builds skill levels.

SAXON MATH COURSE 2 – Middle School

Prerequisite: Saxon Math Course 1

7th or 8th

Full year

This course provides detailed development of math skills and concepts as well as in-depth algebraic reasoning and evaluation.

SAXON MATH COURSE 3 – Middle School

Prerequisite: Saxon Math Course 2

7th or 8th

Full year

This course provides concentrated development of math skills and concepts as well as abstract reasoning and an extensive study of algebraic concepts with application.

ALGEBRA FOUNDATIONS

Prerequisite: none

9th

Full year, 1 credit

This course provides concentrated development of math skills and concepts as well as abstract reasoning and an extensive study of algebraic concepts with application.

ALGEBRA 1

Prerequisite: Saxon Math Course 3 or Algebra Foundations

Required – 9th or 10th , Teacher Recommendation – 8th

Full year, 1 credit

This course meets State of Michigan graduation requirements and meets and exceeds the Michigan Curriculum Standards. This course covers linear and quadratic functions as well as lessons on probability, data analysis, and geometry. TI-83 or TI-84 Graphing Calculator is required.

ALGEBRA 2

Prerequisite: Algebra 1

Required

Full year, 1 credit

This course meets State of Michigan graduation requirements and meets and exceeds the Michigan Curriculum Standards. This course studies linear, quadratic, exponential, logarithmic, radical & rational functions. This course also covers lessons on probability, geometry and trigonometry. TI-83 or TI-84 Graphing Calculator is required.

GEOMETRY

Prerequisite: none

Required

Full year, 1 credit

This course meets State of Michigan graduation requirements. In this course inductive and deductive reasoning will be used to study triangles, quadrilaterals, polygons, circles, perpendicular and parallel lines. Students will develop the ability to use abstract thought to organize and write direct and indirect proofs. This course will conclude with a study of area, volume, and distance.

MATHEMATICS ELECTIVES

STATISTICS

Prerequisite: Algebra 2

One semester, .5 credit

In this course students will analyze and interpret data using frequency distributions, graphs, normal distribution curves, confidence intervals, and regression equations. Students will perform hypothesis, correlation, and chi tests. An in-depth study of probability will complete the course.

PERSONAL FINANCE

One semester, .5 credit

This course helps students be good stewards of the Lord's money. The first half of the semester will use Dave Ramsey's *Foundations in Personal Finance*. The second half will look in depth at topics such as checking & savings accounts, buying a home, buying a car, investments and retirement.

BUSINESS FINANCE

One semester, .5 credit

This course will look at finance from a business perspective. Students will investigate decisions that a business owner would need to make on a regular basis. Some topics covered include paying employees, purchasing & inventory, sales, marketing & accounting.

ACCOUNTING A (online Michigan Virtual)

Prerequisite: none

One semester, .5 credit

This is a skill-level course that is of value to all students, whether exploring a career in business or for personal financial needs. It is an essential course for students who are pursuing a strong background in business, marketing and management. This course covers the complete accounting cycle for a proprietorship, along with journalizing and posting transactions.

ACCOUNTING B (online Michigan Virtual)

Prerequisite: Accounting A

One semester, .5 credit

This course is a continuation of Accounting A. In Accounting B, students will expand their knowledge of accounting procedures by working within the structure of a corporation. Competency will be exhibited in completing payroll taxes and reports, special journals and other financial statements.

PRE-CALCULUS

Prerequisite: Algebra 2 and Geometry

Full year, 1 credit

In this course students examine graphs, limits, and derivatives of linear, quadratic, logarithmic, exponential, and trigonometric functions and the effects of parameter changes on the functions. This course concludes with a study of trigonometric identities and matrices.

ADVANCED PLACEMENT (AP) CALCULUS AB

Prerequisite: Pre-Calculus, see AP policy on pg. 9

Full year, 1 credit

This course follows the Advanced Placement syllabus in preparation for students to take the AP test in May. Course study will include properties of functions, limits, differential calculus, and integral calculus. Use of symbolic differentiation and integration utilities is also included.

PHYSICAL EDUCATION DEPARTMENT

The total education of a person involves their development spiritually, mentally, socially and physically. Therefore, physical education is a very integral part of the total curriculum in the educational process. Physical education enhances the overall health of young people by improving their cardiovascular endurance, muscular strength, flexibility, proper weight regulation, skeletal development, posture and coordination. The discipline learned in a quality physical education program carries over to a physically fit adult with reduced risks for heart disease, diabetes and cancer. Students are taught to respect their bodies and to show good stewardship for the “temple of the Holy Spirit” (I Corinthians 6:19) through proper training. God has made our bodies in a marvelous way (Psalm 139:14) and our students will learn how to properly care for those bodies in order to function more efficiently in their lives to their best potential for God’s glory and the rest of humanity. God also gives many physical talents that must be developed and used wisely as much as any musical, artistic, intellectual, and spiritual gift should be developed and used wisely as being accountable back to God. Physical education helps increase our students’ mental alertness, academic performance and enthusiasm for learning. It develops our students in the areas of self-esteem, independence, personal responsibility, assertiveness, emotional control, mental toughness and effectively handling pressure. Physical education also teaches personal integrity, cooperation, persistence, and good sportsmanship. It is preparation for life-long success.

GRADE SEVEN PHYSICAL EDUCATION

Prerequisite: none

Required for 7th grade

2 Quarters (Rotated with 1 Quarter Art and 1 Quarter Keyboarding)

This course is designed to develop physical skills while improving overall fitness. It will acquaint our students with the basic skills and rules of many team, individual and life-time sports, as well as present a strong Christian perspective on sportsmanship.

GRADE EIGHT PHYSICAL EDUCATION

Prerequisite: none

Required for 8th grade

2 Quarters (Rotated with 1 Quarter Leadership and 1 Quarter Computers)

This course is designed to develop physical skills while improving overall fitness. It will acquaint our students with the basic skills and rules of many team, individual and life-time sports, as well as present a strong Christian perspective on sportsmanship.

PHYSICAL EDUCATION

Prerequisite: none

Required (9th or 10th or 11th or 12th)

One semester, .5 credit

This course is designed to develop physical skills while improving overall fitness. It will acquaint our students with the basic skills and rules of many team, individual and life-time sports, as well as present a strong Christian perspective on sportsmanship.

HEALTH

Prerequisite: none

Required (9th or 10th or 11th or 12th)

One semester, .5 credit

We have a responsibility to our Creator to make decisions that foster a high quality of life in service to Him. This one semester course is designed to help students recognize the value of attaining and maintaining good health. Topics covered in this class include the benefits and rewards of good health (physical, mental and emotional), good nutrition, proper exercise, problems and diseases that are caused by poor or neglected health, and dangers associated with the use of alcohol, tobacco and illegal drugs.

PHYSICAL EDUCATION ELECTIVES

WEIGHTLIFTING and Conditioning

Prerequisite: One semester of Physical Education

Elective for 10th, 11th and 12th

Full Year, 1 credit

Monday, Wednesday and Friday, students will weight-train and condition in our excellent facility. Safety and proper technique, in resistance training, will be taught. Students will learn and practice specific exercises for every major muscle group. Students will also participate in a variety of exercises to enhance their general conditioning and athletic skills. On Tuesday and Thursday, students will cover a variety of activities designed to improve their agility and hand-eye coordination.

SCIENCE DEPARTMENT

God, as the Creator and Sustainer of the universe, is the foundation of all our science classes. The truth that is taught at PCA, in grades K-12, is anchored in the Scriptural Truth that our Sovereign God designed everything. Our students are intellectually challenged to better understand their world through scientific investigation. They will develop inquisitive minds to understand the truth of God's creation. Hands-on experimentation will provide our students with exposure to all areas of science: life, earth, physical and engineering. As our students understand the complexity and beauty of our universe, the more they will appreciate the greatness of God.

GRADE SEVEN INTEGRATED SCIENCE

Prerequisite: none

Required for 7th grade

Full year

This course introduces students to an integrated approach to studying science. Students will discover how the science disciplines are interrelated while introducing basic concepts and key ideas. Topics include: light and matter, thermal energy, weather and climate, plate tectonics and rock cycling, natural hazards, and matter in chemical reactions. The course is taught from an inquiry lens where students learn through experiments and apply their learning to real-world situations. All topics will constantly compare the worldview to the truth of God's word.

GRADE EIGHT PHYSICAL SCIENCE

Prerequisite: none

Required for 8th grade

Full year

This course continues student's journey of understanding science in an integrated way. Topics include: energy in chemical reactions, resources and human impact, contact forces, sound, forces at a distance, and Earth's place in the universe. The course is taught from an inquiry lens where students learn through experiments and apply their learning to real-world situations. All topics will constantly compare the worldview to the truth of God's word.

BIOLOGY

Prerequisite: none

Required

Full year, 1 credit

This course is designed to meet the national and state standards for biological education. In this course, students will consider the diversity and complexity found in an array of organisms that God has designed. Topics covered are: the origin of life (creation vs. evolution), biochemistry, cell structures, photosynthesis, respiration, cell division, and genetics. We will also study taxonomy and explore each kingdom. This study will involve a variety of laboratory experiences designed to include scientific inquiry, increase science processing skills and will include dissecting.

SCIENCE ELECTIVES

ANATOMY & PHYSIOLOGY

Prerequisite: Biology

Elective for 10th, 11th or 12th

Full year, 1 credit

This course focuses on how the structures of the human body and how this relates to its overall functions. The human body reveals the workmanship of the divine Creator. Study will be done systematically concentrating on the following: integumentary system, skeletal system, muscular system, nervous system, cardiovascular system, respiratory system, digestive system, urinary system, and reproductive system. The course work emphasizes a hands-on approach to learning about the human body including the study of models, mammalian dissections, and lab work on physiological responses to stimuli. This course is recommended for students' interest in the health sciences: nursing, medicine, pharmacology, and medical technology, as well as any other interested student.

GEOPHYSICAL SCIENCE

Prerequisite: none

Elective for 10th, 11th or 12th

Full year, 1 credit

This course is the study of three of the Earth's four spheres (geosphere, atmosphere and hydrosphere) and the way they exchange matter and energy to create different processes and landforms. This course covers a wide variety of science areas such as geology, the rock cycle, plate tectonics, the atmosphere, meteorology, and oceanography. Students will develop and strengthen many skills such as, reading: charts, graphs, and tables, collaboration, critical thinking, and problem solving. The application of these skills is exercised through the construction of models, projects, and lab write-ups. The skills acquired prepares students to be real world scientific thinkers that use fact-based reasoning to make sound decisions. Both the Biblical and secular paradigms will be compared and contrasted based on the Truth of God's Word so that students can take ownership of what they believe and why.

CHEMISTRY

Prerequisite: Algebra 1 (75% or higher) and Biology

Elective for 10th, 11th or 12th

Full year, 1 credit

Chemistry can be broadly defined as the study of matter, its properties and how it changes, and reacts with other elements of matter, both the familiar and unfamiliar material that makes up our world. Because of this, chemistry is an intimate part of everyone's life. In fact, life itself is an applied lesson in chemistry. In today's technological world, everyone, not just scientists and science teachers must know about scientific concepts and their contribution to society. Our chemistry course recognizes the impact of chemistry and is designed to help students understand the theory behind some of the important issues in today's society, daily living, health and nutrition. In this class we will develop the scientific problem-solving skills, and application of math skills which are used in future science classes. We will honor God by appreciating and seeking to understand the elegance of his creation.

PHYSICS

Prerequisite: Geometry, Biology

Elective for 11th and 12th

Full year, 1 credit

Along with the Bible, Physics is literally the owner's manual/rule book for the planet. Students will develop an understanding of the concepts that underlie many of the phenomena observed in everyday life and learn to apply mathematical models to them. Hands-on activities will be used to illustrate concepts and allow for inquiry-based learning. This course is an absolute must for anyone planning to major in engineering and the pure science fields of chemistry or biology. Additionally, students planning to pursue the applied fields of physical/occupational therapy are encouraged to take this class.

Quantitative skills learned in second year algebra/trigonometry and chemistry will be employed in the problem-solving concepts covered. General areas of study will include concepts of mechanics, motion, astronomy, heat, light, sound, magnetism, and electricity.

ENVIRONMENTAL SCIENCE

Prerequisite: Biology

Elective for 10th, 11th and 12th

One Semester, .5 credit (offered First Semester)

Environmental science focuses on natural resources, conservation, environmental monitoring, remediation and public health. Special attention will be paid to the ecology of our local environment and the interactions of living things within our ecosystem. Students will examine the biological, physical and chemical processes at work in the environment. The impact of technology and engineering will be explored as we explore the sustainability of the environment and our role as God's stewards for the planet.

FORENSIC SCIENCE

Prerequisite: Biology

Elective for 10th, 11th and 12th

One Semester, .5 credit (offered Second Semester)

Forensic Science is a multidisciplinary science course. The course bridges science-based inquiry and the criminal justice system. Forensic Science integrates core concepts from the primary area of Biology and will touch upon Chemistry and Physics building upon these themes. This course utilizes lecture, laboratory activities and experiments, scientific literature/case study analysis, and will allow students to apply the scientific method to develop their writing, problem solving and critical thinking skills in a biological context. Inquiry based laboratory investigations and analysis play a central role in the course. Topics covered will include: crime scene analysis, physical/chemical analysis of various evidence types, advanced microscopy, chromatography, hair/fiber/glass analysis, fingerprint comparison, comparative analysis, document analysis, firearms/ballistics, drugs/toxicology, entomology, anthropology, blood (serology) and DNA analysis utilizing the polymerase chain reaction (PCR).

ADVANCED PLACEMENT (AP) CHEMISTRY

Prerequisite: Chemistry and Biology, see AP Policy on pg. 9

Elective for 11th and 12th

Full year, 1 credit, Offered every other year (next in 2023-24 school year)

This advanced chemistry course builds on the foundations of Chemistry I and allows students to potentially gain college credit upon taking the AP Chemistry exam. The objectives pursued in this class parallel those of a typical first year college class and include: chemical reactions, net ionic equations, oxidation and reduction, chemical equilibrium and kinetics, stoichiometry, aqueous equilibrium and gas laws. Students will also be introduced to organic chemistry and biochemistry. The course focuses heavily on the development of advanced laboratory skills. *All students enrolled in this course are required to take the Advanced Placement Exam in May.*

SOCIAL STUDIES DEPARTMENT

Ours is a great nation which God has richly blessed, but we struggle with political, social and economic complexities which affect our lives, nation, and global community in countless ways. Students will be able to identify the roots of these complexities, explore their ramifications and understand God's calling on our lives to be a light to this world. In this process, students will develop critical thinking skills to examine and explore past and present societies. They will gain an understanding of political, social and economic factors which guide decision making and the results of these decisions, both positive and negative. Developing an appreciation for what makes societies unique in this vast world and celebrating how God brings us all together is significant for students to appreciate in our ever-expanding global society. Students will explore their dual role as citizens of the Kingdom and citizens here in our society. Most importantly, students will develop a foundational understanding of God's sovereignty over the past, present, and future. II Chronicles 20:6b "You rule over all the kingdoms of the nations. In your hand are power and might, so that none is able to withstand you."

GRADE SEVEN WORLD HISTORY

Prerequisite: none

Required for 7th grade

Full year

The seventh-grade social studies curriculum focuses on early world history. Students begin their exploration into world history with a focus on historical and geographical thinking. Students learn about the world by studying specific geographic regions. Students will learn the history of the region as well as their current economy, present government and what life is like in that region. The course objective is to help students expand their view of human history and begin to see the story of the United States in a more global context and more importantly, God's redemptive plan at work. The course concludes with students analyzing global patterns of continuity and change over time and using evidence to construct historical arguments about the past.

GRADE EIGHT AMERICAN HISTORY

Prerequisite: none

Required for 8th grade

Full year

God has blessed our country with a wonderful heritage. We were privileged to be born here and we accept the responsibility of protecting that heritage through knowledge and political action so that others may also enjoy this great land. This initial study of U.S. History focuses on our beginnings as a young nation and continues to the end of the American Civil War. Emphasis is placed on understanding the values and principles our nation was founded upon and analyzing how our principles have impacted our national actions.

WORLD HISTORY

Prerequisite: none

Required for 9th or 10th (students must take World History or AP World History)

Full year, 1 credit

This class begins with establishing for our students an understanding of the sovereign hand of God over the past, present and future events. Job 12:22-24 "He reveals the deep things of darkness and brings utter darkness into the light. He makes nations great, and destroys them; he enlarges nations, and disperses them." Romans chapter thirteen says that all governing authorities were and are established by God. Our course begins with Creation, the study of ancient civilizations including Mesopotamia, Egypt and Israel. Then, it turns to the study of the classical world of Greece and Rome. The modern era emphasizes Western Civilization and the rise of the Enlightenment and rise of Nation-States. Students will then study WWI and WWII including the Russian Revolution ending the course with a discussion of the Cold War and its effects on the post war world.

AP WORLD HISTORY

Prerequisite: see AP policy on page 9

Required for 9th or 10th (students must take World History or AP World History)

Full year, 1 credit

This course is structured to cover the same framework as the general World History course. This course places emphasis on preparation for the end-of-year AP Exam in May as an additional objective. This exam enables students to earn college credits as well as high school credit. Students will be challenged to write effective argumentative essays to prove their positions, develop critically reasoning, and learn how to effectively analyze and annotate college-level material. This class begins by building a picture of the world c. 1200 AD while exploring the first efforts toward a connected world and progresses through the modern global age. Course topics include: Major world empires, the growth of trade networks, political and social shifts of the 16th - 19th centuries, global conflicts of the 20th century, and concludes with the successes and challenges of the 21st century world.

UNITED STATES HISTORY

Prerequisite: none

Required for 10th, 11th or 12th (students must take US History or AP US History)

Full year, 1 credit

Beginning with the American Civil War, the focus of this course will progress through the 20th Century America as the United States emerges as a world power as evidenced by imperialism and World War I. Students will examine the causes and outcomes of the Great Depression and the United States involvement in World War II. Students will then explore the Cold War and the police actions of Korea and Vietnam. The role of the country is discussed with the collapse of the Soviet Union and the role as “world policeman”. The course will end with the beginning of the 21st century and the tragic events of September 11th. In all, this course emphasizes the struggle and accomplishments of all Americans and how the past shapes their lives today. Our hope is for students to develop a strong sense of appreciation and pride in America’s great history and of a land which God has so richly blessed.

ADVANCED PLACEMENT (AP) UNITED STATES HISTORY

Prerequisite: see AP policy on pg. 9

Required for 10th, 11th or 12th (students must take US History or AP US History)

Full year, 1 credit

The goals of this course are very similar to the general United States History course. Yet unlike the general course, there is an emphasis placed on preparing students for an end-of-the-year AP exam. This exam enables students to earn college credits as well as high school credit. Students learn how to write effective and persuasive essays. The course further develops students critically thinking skills and also to learn how to analyze college-level materials. The course covers United States history from the Columbian Age to the early 21st century. Unlike the general course that helps students learn the details of history, this course helps students create an overall picture of our nation’s past and its relevance today.

ADVANCED PLACEMENT (AP) US GOVERNMENT

Prerequisite: see AP policy on pg. 9

Required for 11th or 12th (students must take US Government or AP US Government)

Full year, 1 credit

The Advanced Placement course in United States Government and Politics will give students a college entry level class experience while developing an analytical perspective on government and politics. This course includes the study of general concepts through reading, essay writing, and document analysis. It requires students to develop a familiarity with the various institutions, groups, beliefs, ideas, experiences, and court cases that have shaped the U.S. political system. Students will become acquainted with various perspectives and explanations for how our system has been developed, who governs and to what ends.

US GOVERNMENT

Prerequisite: none

Required for 10th, 11th or 12th (students must take US Government or AP US Government)

One Semester, .5 credit

This course is aimed at preparing our students to be active citizens. First, they are taught different political theories and systems with the understanding of why our nation chose a Republican form of government. They will study our Constitution to understand the brilliance of separation of powers with checks and balances. They will explore civil rights and the functions of the three branches of government (legislative, executive and judicial). Furthermore, they will examine the history and function of political parties, patterns of voting behavior, special interest groups and elections. Local and state issues are also covered as well as their role in the political process.

ECONOMICS

Prerequisite: none

Required for 11th or 12th

One semester, .5 credit

This course is designed to establish a broad economic foundation for students. The focus of this course is to introduce micro, macro, consumer, and personal economic terms and topics to enhance students’ preparedness for a responsible future and for greater understanding of democratic citizenship. This class will improve student decision-making as a consumer and a voter.

SOCIAL STUDIES ELECTIVES

US CRIMINAL LAW

Prerequisite: none

Elective for 10th, 11th and 12th

One semester, .5 credit (offered First Semester)

This course is designed for the students who have an interest in the law and the legal system. Throughout the semester, students will explore the US criminal system including juvenile justice. The study of the legal system gives our students the understanding of how our system works. Along with traditional course work, students will also participate in mock trials, law applications and classroom discussions. Current issues are discussed, and Biblical values are used as a normative in making judgments.

US CIVIL LAW

Prerequisite: none

Elective for 10th, 11th and 12th

One semester, .5 credit (offered Second Semester)

This course is designed for the students who have an interest in the law and the legal system. Throughout the semester students will explore the US civil court system. The study of the legal system gives our students the understanding of how our system works. Along with traditional course work, students will also participate in mock trials and arbitrations, law applications and classroom discussions. Current issues are discussed, and Biblical values are used as a normative in making judgments.

PSYCHOLOGY

Prerequisite: none

Elective for 10th, 11th and 12th

One semester, .5 credit (offered First Semester)

Our study of Psychology will lead to a comprehensive overview of this subject with special emphasis on personality theories, developmental psychology and abnormal psychology. Integrated into these studies will be a variety of other topics such as perception, creativity, motivation, stress and learning theories. As we better understand ourselves, we will better understand spiritual warfare, our parents, siblings, teachers, friends and the various people that our Lord brings across our paths.

SOCIOLOGY

Prerequisite: none

Elective for 10th, 11th and 12th

One semester, .5 credit (offered Second Semester)

Sociology is the study of human society that includes both the social actions and the organizational structures of society. In a culture that is using “victimization” as an excuse for any accountability for the responsibility of actions, the Biblical teaching is highly stressed. Students will be introduced to basic sociological topics that may include problems of social structure, family, race, and others.

ADVANCED PLACEMENT (AP) PSYCHOLOGY

Prerequisite: see AP Policy on pg. 9

Elective for 10th, 11th and 12th

Full year, 1 credit

This course will provide a rigorous two semester presentation of Psychology. The course will offer a college level presentation in the comfort of a high school setting. It will introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students will be exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. In addition, they will learn about the ethics and methods psychologists use in their science and practice. In keeping with the purposes, principles, and guiding ideas of our school, an integration of Christian principles and perspectives will be added to course materials and lectures to reflect the school’s desires to expose our students to the rigors of a college course, while using as our guide God’s holy word.

EARLY US MILITARY HISTORY

Prerequisite: none

Elective for 10th, 11th and 12th

One semester, .5 credit (offered First Semester)

This course will illustrate the sacrifice of our nation's citizens as well as the protection of our almighty God. It will examine the changes in American military history in terms of strategy, tactics, technology, and those who fought in each war. The focus will be on ground forces, but as time permits each of the other branches will be given their own focus and time. The course uses a college-level textbook for the daily reading assignments. Lecture notes, hand-outs, videos, and guest speakers will round-out an information-packed course. Study guides will be given at the beginning of each unit to be completed by the student and help prepare them for each test. This first part of the course will briefly discuss the men and women that serve in the military and the general order of troop formations. We will also learn about the difference between strategies and tactics and how they change over time. The scope of this course will focus on the formation of colonial militias and cover conflicts to the Civil War.

MODERN US MILITARY HISTORY

Prerequisite: none

Elective for 10th, 11th and 12th

One semester, .5 credit (offered Second Semester)

This course will illustrate the sacrifice of our nation's citizens as well as the protection of our almighty God. It will examine the changes in American military history in terms of strategy, tactics, technology, and those who fought in each war. The focus will be on ground forces, but as time permits each of the other branches will be given their own focus and time. The course uses a college-level textbook for the daily reading assignments. Lecture notes, hand-outs, videos, and guest speakers will round-out an information-packed course. Study guides will be given at the beginning of each unit to be completed by the student and help prepare them for each test. This first part of the course will briefly discuss the men and women that serve in the military and the general order of troop formations. We will also learn about the difference between strategies and tactics and how they change over time. The scope of this course will range from the Spanish-American War to the current conflicts in Iraq and Afghanistan.

TECHNOLOGY & BUSINESS DEPARTMENT

Since technology is a permanent part of our life and is advancing at an incredible rate, it is important for our students to keep pace and be computer literate in the 21st Century. The critical factor is to maintain a prominent level of moral and ethical use of this technology with principles from Scripture. The classes offered in this department will give our students a working knowledge of the current hardware and software. Opportunity is given for practical application in real life situations and to discover if students may have some God-given talent in this area, equipping them for a lifetime of learning, leadership, and service.

GRADE SEVEN KEYBOARDING

Prerequisite: none

Required for 7th grade

One Quarter (Rotated with 1 Quarter of Art and 2 Quarters of P.E.)

Following the keyboarding standards set by NBEA (National Business Education Association), this is a course in which Middle School students are introduced to the proper keystrokes for keyboarding. Also, through a computer program, students taking this course will gain proficiency in alphabetic keyboarding technique-letter key operation and skills. The same will be true in numeric keyboarding technique-operation and skills. They will also learn basic formatting and document processing.

GRADE EIGHT COMPUTERS

Prerequisite: none

Required for 8th grade

One Quarter (Rotated with 1 Quarter of Leadership and 2 Quarters of P.E.)

With the continuation of proper keystrokes, students are introduced to using Microsoft Office 2016. Students will learn word processing (Word) by researching and creating an MLA style report including the outline and works cited page. They will also create a Power Point project using animation and sound along with other advanced features.

BUSINESS TECHNOLOGY I

Prerequisite: none

Required for 9th or 10th or 11th or 12th

One semester, .5 credit (offered First Semester)

Students will be placed in a real-world simulation that teaches computer application skills through entrepreneurship concepts. They will complete projects, manage data and plan and combine the use of Word, Excel, PowerPoint, and Publisher to develop the worksheets and documents used in a business. Along with this, they will learn how to conduct internet research, accounting, and financing, making spreadsheets, maintaining a database and developing their presentation and communication skills.

BUSINESS TECHNOLOGY II: CYBER LITERACY

Prerequisite: none

Required for 9th or 10th or 11th or 12th

Semester, .5 credit (offered Second Semester)

Designed for today's digital natives, this class will teach students how to use technology responsibly. Digital citizenship will be the main focus while guiding students to conduct effective online research, how to defend themselves against identity theft, use social media and e-commerce sites safely, use proper etiquette, and how to manage their digital trail. The use of AI in today's world will be examined and discussed along with the respect and responsibility of using it. Students will learn how to design their own website, create a digital portfolio, make a podcast, and build a blog.

TECHNOLOGY & BUSINESS ELECTIVES

MIDDLE SCHOOL CODING 1

Prerequisite: none

Elective for 7th or 8th

Full year

Ignite your passion for learning to code using Minecraft: Education Edition and Replit. This is a game-based learning platform that offers an engaging way to code using block-based coding and Python and Java. You will also be introduced to 3D printing using a 3D pen and printer. Tinkercad will be taught as a way to 3D print. Requirements: Laptop with i5 or better processor, 7th generation or newer, Windows 10 Operating System. Chromebooks or Apple products are not compatible.

MIDDLE SCHOOL CODING 2

Prerequisite: MS Coding 1

Elective for 8th

Full year

Students will continue learning how to use Python and Javascript. Requirements: Laptop with i5 or better processor, 7th generation or newer, Windows 10 Operating System. A Chromebook or iPad is not advised.

ROBOTICS I and ROBOTICS II (TOGETHER)

Prerequisites: HS Robotics Team Member

Elective for 9th – 11th

Full year, 1 credit

This class is for high school students on the robotics team who want to expand their knowledge in selected areas and earn high school credit. Following the national learning standards, this course will include learning projects during robotics meetings to increase student's knowledge in their area of choice: Computer Aided Design (CAD), Machining, Programming, Engineering and Electronics. This class will use badges to map learning trajectories. Levels of badges can be linked with various levels of student accomplishments and aligned with standards or competencies and are approved through the Michigan Department of Education. Requirements: Laptop with i5 or better processor, 7th generation or newer, Windows 10 Operating System. A Chromebook or iPad is not advised.

CODING with PYTHON

Prerequisites: None

Full year, 1 credit

Python is a powerful language designed to do just about anything! This course allows students to learn Python by first completing a text based console game and then turning it into a multiplayer adventure! Using the Accelerate Education online platform, students will not only learn Python from going through the individual lessons and video reviews but also understand a client server relationship. They will get to code in their own python web server that allows connections through a browser. Students will gain experience using variables, classes, functions, lists, dictionaries, generators and proper Python formatting. This Python course is great for anyone interested in preparing themselves for future coding classes.

WORLD LANGUAGES DEPARTMENT

At PCA, instruction in world language has at its core a love for God's people in other cultures, and a desire to see the Gospel take root and grow in the cultures we study. Integration of Biblical truth, Scripture application and target-language prayer and worship guide our approach to building linguistic and cultural competence in German or Spanish. Students will develop both interpretive (reading and listening) and productive (speaking and writing) skills in the target language. In addition to building holistic language proficiency through communicative tasks and comprehensible input in German or Spanish, students will also demonstrate basic knowledge of cultural practices, products, and perspectives of the culture(s) in which the language is used; gain cultural knowledge as well as knowledge in other curricular areas using the target language; demonstrate an understanding of the nature of language and culture through comparisons of the target language and culture studied and their own; and use German or Spanish both within and beyond the school setting.

GRADE SEVEN INTRO TO WORLD LANGUAGES

Prerequisite: none

Elective

Full Year

This course introduces students to the foundations of the Spanish and German languages: The students will have a full semester of Spanish followed by a full semester of German. They will learn some basic vocabulary and communicative phrases. The students will be introduced to the influences of these cultures on the American society. They will also learn about holidays, historical events, famous people, geography, and foods related to these cultures.

GRADE SEVENTH & EIGHTH INTRO TO WORLD LANGUAGES

Prerequisite: none

Elective

Full Year

This course introduces students to the foundations of language: how languages developed, types of alphabets, language structure, and many other facets of language. Students will learn Latin, Italian, French, Japanese, German and Spanish. They will learn some basic vocabulary and communicative phrases. The students will be introduced to the influences of these cultures on the American society. They will also learn about holidays, historical events, famous people, geography, and foods related to these cultures.

GRADE SEVENTH & EIGHTH CULTURAL COOKING CLASS

Prerequisite: none

Elective

Semester

This course will look at the culinary and culture of specific Countries. Students will create culinary delights from Hispanic countries, France, Italy, Middle East, Germany, and Asia. They will explore how language, culture and food all complement one another.

GERMAN 1-Open to 8th graders who have a b average or better

Prerequisite: none

Two Years of Same Language

Full Year, 1 credit

This course is an introduction to the German language that includes reading, writing, listening, and speaking skills. It covers basic vocabulary and grammar. Students will master the sound system of German, correctly pronounce new words, communicate in basic social situations, read, and understand narratives. They will write sentences, paragraphs, or short letters with correct grammar. Culture and geography of Germany and its German speaking neighbors are incorporated into each unit of study.

GERMAN II

Prerequisite: German I

Two Years of Same Language

Full Year, 1 credit

This course builds on the language skills attained in German I and will lead to an increase of language proficiency in the German language. The students will demonstrate a solid elementary proficiency in the following areas: They will be able to express themselves in German through writing and speaking utilizing advancing vocabulary and grammar skills. They will express their opinions and preferences, sustain conversation on familiar topics, ask for information for routine problem-solving situations, and

exhibit reading and aural comprehension skills by understanding details of conversations or narratives. The students will further increase their knowledge in the cultural, historical, and social aspects of the German language.

GERMAN III

Prerequisite: German II

Elective

Full Year, 1 credit

This course builds on the language skills attained in German II and will lead to an increase of language proficiency in the German language. This course is designed to expand the proficiency in the four language skills (reading, writing, speaking and listening) as emphasized by university placement tests. Students will be exposed to a variety of literary texts and material that deals with global aspects, families and communities, contemporary life, science and technology, and beauty and aesthetics.

GERMAN IV

Prerequisite: German III

Elective

Full Year, 1 credit

This course builds on the language skills attained in German III and will lead to an increase of language proficiency in the German language. This course is designed to expand the proficiency in the four language skills (reading, writing, speaking and listening) as emphasized by university placement tests. Students will be exposed to a variety of literary texts and material that deals with global aspects, families and communities, contemporary life, science and technology, and beauty and aesthetics.

SPANISH I Open to 8th graders who have a b average or better

Prerequisite: none

Two years of same language

Full year, 1 credit

This course is an introduction to the Spanish language that includes reading, writing, listening and speaking skills. It covers basic vocabulary and grammar. Students will have sufficiently mastered the sound system of Spanish, correctly pronounce new words, communicate in basic social situations such as ordering food at a Mexican restaurant, reading, and understanding narrative and writing paragraphs or short letters with correct grammar. Hispanic culture and geography are incorporated into each unit of study.

SPANISH II

Prerequisite: Spanish I

Two years of same language

Full year, 1 credit

At the completion of Spanish II, our students will have increased their proficiency in the goals attained during their first year of study. In addition, they will have demonstrated a solid elementary proficiency in the following areas: They will be able to express themselves in Spanish through writing and speaking. They will express their opinions and preferences, sustain conversation on familiar topics, ask for information for routine problem-solving situations and have reading and aural comprehension by understanding details of conversations or narratives. The students will be aware of the basic historical and social contributions of the Hispanic people and Hispanic countries.

SPANISH III

Prerequisite: Spanish II

Elective

Full year, 1 credit

To build on the foundations established in Spanish I and II, this course is designed to expand the proficiency in the four language skills (reading, writing, speaking, and listening) as emphasized by university placement tests. Students will be introduced to prose and poetry in the Spanish language. Students will be expected to converse in and aurally comprehend Spanish in the classroom. The students should now be at an intermediate level in the same areas as Spanish II. Students will be able to read aloud an unfamiliar passage with the correct intonation and pronunciation and understand the written text.

SPANISH IV

Prerequisite: Spanish III

Elective

Full year, 1 credit

To build on the foundations established in Spanish I, II and III, this course is designed to expand the proficiency in the four language skills (reading, writing, speaking and listening) as emphasized by university placements tests. Students will be expected to converse in and aurally comprehend Spanish in the classroom. The students will explore literature, prose, and poetry in the Spanish language, as well as other facets of the culture and history of the Spanish-speaking world. They will make connections between

their backgrounds and the Hispanic culture. The students will now be at an intermediate level in the same areas as Spanish III. Students will be able to read aloud an unfamiliar passage with the correct intonations and pronunciation and understand the written text.

ADVANCED PLACEMENT (AP) SPANISH LANGUAGE AND CULTURE

Prerequisite: Spanish I, II, III, see AP Policy on pg. 9

Elective

Full year, 1 credit

This course presents a thematic approach to the exploration of Spanish Language & Culture. It requires that students demonstrate knowledge of the Spanish Culture and be able to use the language in real life settings. Families in Different Societies, The Influences of Language and Culture on Identity, Influences of Beauty and Art, How Science and Technology Affect Our Lives, Factors That Impact Quality of Life, Environmental, Political, and Societal Challenges. This course prepares students to be fluent in spoken and written Interpersonal Communication, Presentational Communication, and Interpretive Communication in Spanish, which is necessary for success in this course and the AP Spanish Language & Culture exam.

ADVANCED PLACEMENT (AP) SPANISH LITERATURE AND CULTURE

Prerequisite: Spanish I, II, III, see AP Policy on pg. 9

Elective

Full year, 1 credit

This course presents a thematic approach to the study of Spanish literature and culture. The readings span from medieval to modern times, allowing students to examine the universality of literature, and make comparisons and connections through historical and contemporary cultural contexts. Students will explore the interdisciplinary connections between literary works and other artistic forms of expression such as music, painting, architecture, and film. This course prepares students to read and critically analyze representative works of Spanish literature in all genres. Students will focus on the terminology of textual analysis, learn to identify the different elements of style, and interpret texts in correct oral and written Spanish. All the works from the required reading list for AP Spanish Literature and Culture exam are read in full text form. All instruction, discussion, and writing are in Spanish to support the development of students' language proficiency necessary for success in this course and the AP Spanish Literature and Culture exam.

SPECIAL ELECTIVES

EARLY CHILDHOOD EDUCATION TEACHER ASSISTANT

Prerequisite: none

Elective for 11th or 12th

One or two semesters, .5 credit each

This class can be taken for one or two semesters and is designed to introduce students to careers in early childhood education, child development or other related fields. Experience with preschool education is gained by assisting teachers at Plymouth Christian Academy's licensed preschool. The school counselor coordinates the student's assignment with the preschool director.

ELEMENTARY EDUCATION TEACHER ASSISTANT

Prerequisite: none

Elective for 11th or 12th

One or two semesters, .5 credit each

This class can be taken for one or two semesters and is designed to introduce students to careers in elementary education or child development. Experience with elementary children is gained by assisting teachers at Plymouth Christian Academy's Elementary School. The school counselor coordinates the student's assignment with the elementary staff.

OFFICE/TEACHER AIDE

Prerequisite: none

Elective for 11th or 12th

One or two semesters, .25 credit each

Student can serve as an aide to a teacher or in the office. The student can request what teacher they would like to serve under, but the final decision of their placement is up to the school counselor, who considers all factors.

ACADEMIC CENTER (STUDY HALL)

Prerequisite: none

Elective

One or two semesters Pass/Fail with no credit

Students can use this study hall to do homework, make-up tests, etc. Students must attend this class as normal class attendance rules apply. This is a Pass/Fail class. The grade does not affect GPA, but it will show up on your transcript.

SAT TEST PREPARATION (Online – Magoosh/Oxford Virtual Schools)

Prerequisite: None

Elective

Full Year, .5 credit (Pass/Fail)

SAT Prep Course assists students with test preparation and teaches content that the student may be tested on during the actual exams. These courses ensure that students focus on the areas where extra assistance is needed. SAT Practice Tests include rigorous test items and are timed to help students learn to budget time in preparation for taking the actual SAT assessments. This is a pass/fail course.

2023-24

Plymouth Christian Academy

Learning, Leadership & Service

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