

## 2018-2019 Incarnate Word Academy Course Sequence: Theology

Grade 9	Grade 10	Grade 11	Grade 12
(1 credit required) Required Courses	(1 credit required) Required Courses	(1 credit required) Required Courses	(1 credit required) Required Courses
<b>WHO IS JESUS CHRIST?</b>	<b>THE MISSION OF JESUS CHRIST (THE PASCHAL MYSTERY)</b>	<b>LIFE IN JESUS</b>	<b>CHRIST &amp; CULTURE</b>  OR
<b>THE REVELATION OF JESUS CHRIST IN SCRIPTURE</b>	<b>JESUS CHRIST'S MISSION CONTINUES IN THE CHURCH</b>	<b>LIVING AS A DISCIPLE OF JESUS CHRIST IN SOCIETY</b>	<b>ECUMENICAL AND INTERRELIGIOUS ISSUES ACP</b>  OR
			<b>RESPONDING TO THE CALL OF JESUS CHRIST (VOCATIONS)</b>  OR <b>INTRODUCTION TO PHILOSOPHY ACP</b>  OR <b>GOD FROM THE MARGINS (SUMMER)</b>

## 2018-2019 Incarnate Word Academy Course Sequence: English

Grade 9	Grade 10	Grade 11	Grade 12
(1 credit required) Required Courses	(1 credit required) Required Courses	(1 credit required) Required Courses	(1 credit required) Required Courses
<b>ENGLISH COMPOSITION 1A/1B/HONORS</b>	<b>COMPOSITION 2A/2B/HONORS</b>	<b>COMPOSITION 3</b>  OR	<b>WORLD LITERATURE/HONORS ACP</b>  OR
<b>LITERARY TYPES A/B/HONORS</b>	<b>AMERICAN LITERATURE A/B/HONORS</b>	<b>HONORS EXPLORATIONS IN BRITISH LITERATURE/ACP</b>	<b>THE AMERICAN DREAM: HONORS ADVANCED AMERICAN LITERATURE ACP</b>
		<b>COMPOSITION 3/HONORS</b>  OR <b>INTRODUCTION TO BRITISH LITERATURE</b>	<b>COMPOSITION 4/HONORS/HONORS ACP</b>  OR <b>CREATIVE WRITING WORKSHOP ACP</b>

## 2018-2019 Incarnate Word Academy Course Sequence: Math

Grade 9	Grade 10	Grade 11	Grade 12
(1 credit required) Required Courses	(1 credit required) Required Courses	(1 credit required) Required Courses	(1 credit recommended) Recommended Courses
<b>ALEGBRA 1A/1B/HONORS</b>  OR  <b>HONORS GEOMETRY</b>	<b>GEOMETRY A/B/HONORS</b>  OR  <b>ALGEBRA 2B</b>	<b>ALGEBRA 2A/B/HONORS</b>  OR  <b>HONORS PRECALCULUS/TRIGONOMETRY ACP</b>  OR  <b>PROBABILITY/STATISTICS</b>	<b>ALGEBRA 3</b>  OR  <b>HONORS PRECALCULUS/TRIGONOMETRY ACP</b>  OR  <b>AP CALCULUS AB</b>  OR  <b>COLLEGE ALGEBRA ACP</b>  OR  <b>PROBABILITY/STATISTICS</b>

## 2018-2019 Incarnate Word Academy Course Sequence: World Languages

Grade 9	Grade 10	Grade 11	Grade 12
(1 credit required) Required Courses	(1 credit required) Required Courses	Electives	Electives
SPANISH 1/2 OR FRENCH 1/2 OR CHINESE 1/2	SPANISH 2/3 OR FRENCH 2/3 OR CHINESE 2/3	SPANISH 3/4 (ACP AVAILABLE) OR FRENCH 3/4 (ACP AVAILABLE)	SPANISH 4/5 (ACP AVAILABLE) OR FRENCH 4/5 (ACP AVAILABLE)

## 2018-2019 Incarnate Word Academy Course Sequence: Social Studies

Grade 9	Grade 10	Grade 11	Grade 12
(0.5 credit required) Required Courses	(1 credit required) Required Courses	(1 credit required) Required Courses	(0.5 credit required) Elective Courses
<b>WORLD AREAS/HONORS</b>	<b>WORLD HISTORY/HONORS</b>  OR <b>AP WORLD HISTORY</b>	<b>AMERICAN HISTORY/HONORS ACP</b> <hr/> <b>CURRENT ISSUES (OPTIONAL ELECTIVE)</b>	<b>GOVERNMENT (REQUIRED)</b>  AND/OR <b>PSYCHOLOGY</b>  AND/OR <b>CRIMINAL JUSTICE</b>  AND/OR <b>ANCIENT EMPIRES ACP</b>  AND/OR <b>CURRENT ISSUES</b>

## 2018-2019 Incarnate Word Academy Course Sequence: Science

Grade 9	Grade 10	Grade 11	Grade 12
(1 credit required) Required Courses	(1 credit required) Required Courses	(1 credit required) Required Courses	(1 credit recommended) Recommended Courses
<b>BIOLOGY/HONORS</b>	<b>CHEMISTRY/HONORS</b>	<b>ANATOMY &amp; PHYSIOLOGY (FALL)/HONORS</b> OR <b>INTRODUCTION TO ENGINEERING</b> OR <b>PHYSICS/HONORS</b> OR <b>AP BIOLOGY/AP CHEMISTRY</b> OR <b>HONORS ENGINEERING PRINCIPLES AND PRACTICES</b>	<b>ANATOMY &amp; PHYSIOLOGY (FALL)/HONORS</b> OR <b>INTRODUCTION TO ENGINEERING</b> OR <b>PHYSICS/HONORS</b> OR <b>AP BIOLOGY/AP CHEMISTRY</b> OR <b>HONORS ENGINEERING PRINCIPLES AND PRACTICES</b> OR <b>EARTH SCIENCE (FALL)</b>
		<b>ANATOMY &amp; PHYSIOLOGY (SPRING)/HONORS</b> OR <b>FORENSICS</b>	<b>ANATOMY &amp; PHYSIOLOGY (SPRING)/HONORS</b> OR <b>FORENSICS</b> OR <b>EARTH SCIENCE (SPRING)</b>

## Graduation Requirements

The Administration and Faculty of Incarnate Word Academy have established the curriculum, prerequisites, and policies for graduation from IWA. The minimum number of credits that a student must carry in her freshman year is 7.75, in her sophomore year is 7.625, in her junior year is 7.125 and her senior year is 7.0.

<b>Subject Area</b>	<b>Number of Credits</b>
<b>Theology</b>	<b>4.0</b>
<b>English</b>	<b>4.0</b>
<b>Mathematics*</b>	<b>3.0</b>
<b>World Languages</b>	<b>2.0</b>
<b>Social Studies</b>	<b>3.0</b>
<b>Science</b>	<b>3.0</b>
<b>Practical Arts</b>	<b>1.0</b>
<b>Fine Arts</b>	<b>1.5</b>
<b>P.E.</b>	<b>2.0</b>
<b>Counseling</b>	<b>0.5</b>
<b>Speech</b>	<b>0.5</b>
<b>Communication</b>	
<b>Personal Finance</b>	<b>0.5</b>
<b>Electives</b>	<b>2.5</b>
<b>Total Graduation Credit</b>	<b>28</b>

\*The University of Missouri System requires 4.0 credits of mathematics for admission.

## FOUR OPTIONS FOR COLLEGE CREDIT COURSES AT INCARNATE WORD ACADEMY

College credit courses offered to IWA students are designed to challenge students. Such courses have value for students who will be attending colleges or universities where they are accepted. All college credit classes will receive a weighted grade. Students can earn college credit at IWA in three ways:

1. Through University of Missouri, St. Louis (UMSL) ACP Program
2. Through Saint Louis University 1818 Program
3. Advanced Placement Program
4. Through Drury

Per the Missouri Department of Higher Education Dual Credit Policy Act:

- 11<sup>th</sup> and 12<sup>th</sup> grade students with a GPA between 2.5 and 2.99 may be eligible to participate with parental and high school permission.
- 11<sup>th</sup> and 12<sup>th</sup> grade students with a GPA greater than a 3.0 are automatically eligible.

Students enrolled in an advanced college credit class will receive information about registration and fees during August and/or January of the year in which they are taking the class. A fee is paid to the university in addition to the regular IWA tuition. Admission to an ACP course is based on the student's previous performance in the subject area, teacher approval, and any relevant university guidelines.

### Advanced Placement Program (AP)

IWA Word Academy offers students the opportunity to earn college credit through Advanced Placement, offered through the College Board. Students must have a 3.25 cumulative GPA and teacher recommendation in order to enroll in an Advanced Placement Class. College credit is obtained after students take the AP course and pass a national AP exam, given in May of each year. Scores of 3, 4, or 5 are recognized at most colleges and universities – which means students who score a 3, 4, or 5 can earn college credit; however, the values of scoring on the AP tests will vary from university to university. IWA offers AP courses in Chemistry, Biology and Calculus; however, additional AP tests can be offered through IWA. Please see the guidance office for more information.

## **TRANSFER STUDENTS**

IWA recognizes that course sequences are different at every school. Therefore, students transferring into IWA will sit down and meet with the registrar, counselor and an administrator to discuss and appropriately place students into classes. A few things to note:

Theology:

- Transfer students will not have to make up missing theology credits.

Social Studies:

- The Missouri and U.S. constitution tests must be completed upon graduation.

Physical Education:

- All transfer students will not have to make up any missed PE credits.
- The student will select a PE for each year.



**COURSE REQUIREMENTS BY GRADE LEVEL**

**Freshmen Curriculum**

Subject Area	Course Title	CREDITS
Theology	The Revelation of Jesus in Scripture	0.5
	Who is Jesus Christ?	0.5
English	English Comp. 1 A, B or Honors	0.5
	Literary Types A, B, or Honors	0.5
Mathematics	Algebra 1A, B or Honors Or Honors Geometry	1
Social Studies	World Areas or Honors World Areas	0.5
Science	Biology or Honors Biology	1
World Languages	Chinese 1 or French 1 or Spanish 1	1
Counseling	Freshmen Seminar	0.25
Business Education	Coding	0.5
Speech	Speech	0.5
P.E.	Health	0.5

**Sophomore Curriculum**

Subject Area	Course Title	CREDITS
Theology	Christian Mission	0.5
	Church History	0.5
English	English Comp. 2 A, B or Honors	0.5
	American Literature A, B, or Honors	0.5
Mathematics	Geometry A, B or Honors Or Algebra 2	1
Social Studies	World History or Honors World History or AP World History	1
Science	Chemistry or Honors Chemistry	1
World Languages	Chinese 2 or French 2 or Spanish 2	1
Counseling	Sophomore Guidance	0.125
P.E.	Students must choose 1 PE class for either first or second semester	0.5

**Junior Curriculum**

Subject Area	Course Title	CREDITS
Theology	Life in Jesus	0.5
	Living as a Disciple	0.5
English	English Comp. 3 or Honors Comp 3	0.5
	British Literature, Honors British Literature, or Honors British Literature ACP	0.5
Mathematics	Algebra 2 A, B or Honors Or HN PreCalc/Trig or Probability/Statistics & Trigonometry	1
Social Studies	American History or Honors American History ACP	1
Science	Anatomy & Physiology Fall or Anatomy & Physiology Spring or Honors Anatomy & Physiology Fall or Honors Anatomy & Physiology Spring	0.5 0.5 0.5 0.5
	Intro to Engineering or Forensics or Physics or Honors Physics or Engineering Principles and Practices, or AP Biology or AP Chemistry	0.5 0.5, 1 1 1 1
Counseling	Juniors Guidance	0.125
P.E.	Students must choose 1 PE class for either first or second semester	0.5

**Senior Curriculum**

Subject Area	Course Title	CREDITS
Theology	Christ & Culture and World Religions ACP or Vocations or God From The Margins or Introduction to Philosophy	1.0
English	World Literature or Composition 4 or Honors World Literature ACP or Honors Composition 4 or Honors Advanced American Literature ACP or Honors Composition 4 ACP or Creative Writing or	1.0
P.E.	Students must choose 1 PE class for either first or second semester	0.5

## **THE REVELATION OF JESUS CHRIST IN SCRIPTURE**

Gr. 9 Level 4.3 1/2 Credit Sem. 2 5M

The purpose of this course is to give students a general knowledge and appreciation of the Sacred Scriptures. Through their study of the Bible, they will come to encounter the living Word of God, Jesus Christ. In the course, they will learn about the Bible, authored by God through Inspiration, and its value to people throughout the world. If they have not been taught this earlier, they will learn how to read the Bible and will become familiar with the major sections of the Bible and the books included in each section. The students will pay particular attention to the Gospels, where they may grow to know and love Jesus Christ more personally.

Structure: The student learns through: Learning Activity Packets (LAPS) in which students work independently, guest speakers, student presentations, and comprehensive tests.

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## **WHO IS JESUS CHRIST?**

Gr. 9 Level 4.3 1/2 Credit Sem. 1 5M

At the center of Christianity is the mystery of Jesus. The entrance of Jesus into the world, and the religion that slowly developed around him, altered drastically the shape of world history through the present day. As the church developed over time, understandings of who Jesus is and what Jesus means for humanity have also developed, often in response to new cultural challenges. At the same time, what it means to be Christian today is both similar to and different from what it meant 2000 years ago. By looking carefully both at articulations of the mystery of Jesus and the changing face of Christian discipleship over the centuries, students will come to a deeper understanding of and appreciation for the Incarnation and be able to draw upon past examples while creating new understandings of what it means to be Christian today. The purpose of this course is to introduce students into critical reflection upon the person of Jesus Christ and how we, as Christians, can seek to imitate Christ in the world today. Over the course of the semester, the student will come to understand the person of Jesus, the mystery of the Holy Trinity, the meaning of the Incarnation, and challenges to Christian living today. Through critical reading, writing, and classroom discussion, students will continue to grow as academically successful Women of the Word.

Structure: Students learn through: LAPS (Learning Activity Packets), resource materials, guest speakers, videos, and student presentations. The course will include comprehensive tests.

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## **JESUS CHRIST'S MISSION CONTINUES IN THE CHURCH**

Gr. 10 Level 4.3 1/2 Credit Sem. 2 5M

The purpose of this course is to help the students understand that in and through the Church they encounter the living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by him through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today. This Body has both divine and human elements. In this course, students will learn about the events in the life of the Church and about the sacred nature of the Church.

Structure: The student learns through: lectures, discussions, small group activities, assigned reading correlated with LAPs and presentations using technology.

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## **THE MISSION OF JESUS CHRIST (THE PASCHAL MYSTERY)**

Gr. 10 Level 4.3 1/2 Credit Sem. 1 5M

The purpose of this course is to help students understand all that God has done for us through his Son, Jesus Christ. Through this course of study, students will learn that for all eternity, God has planned for us to share eternal happiness with him, which is accomplished through the redemption Christ won for us. Students will learn that they share in this redemption only in and through Jesus Christ. They will also be introduced to what it means to be a disciple of Christ and what life as a disciple entails.

Structure: The student learns through: lectures, discussions, small group activities, assigned reading correlated with LAPs and presentations using technology.

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## **LIFE IN JESUS**

Gr. 11 Level 4.3 1/2 Credit Sem. 1 5M

How do we determine what is right and wrong? What is truth and the moral life? What type of person am I becoming? These are the big questions that morality attempts to answer. As Christians, we believe that the answers to these questions can be found through faith and God's revelation. Life in Jesus is about living an authentic Christian life that is true to the values of the Gospel.

This course will offer an overview of the foundations of Catholic moral theology. We will look at how abstract ideas such as the development of the conscience can affect our everyday decisions as Christians. We will seek to determine what is right and wrong in order to delve into complex contemporary moral issues and make informed judgments.

Structure: The student learns through LAPs, Open Lab time, class discussion, lecture & presentation, group projects, a major research paper, film & media sources, and personal reflection.

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## **LIVING AS A DISCIPLE OF JESUS CHRIST IN SOCIETY**

Gr. 11 Level 4.3 1/2 Credit Sem. 2 5M

From the Hebrew prophets' call to care for the poor to the origin of hospitals and welfare, the Catholic Church has a rich history of promoting human dignity and social justice. This course provides an introduction to Catholic Social teaching and demands that students reflect on Jesus' words in Matthew 25: "Whatever you did for the least of these, you did for me." To truly follow Jesus Christ demands trying to live a just life. Living as a Disciple seeks to ask questions about and discuss what justice means and how it relates to everyday living.

As a continuation of Life in Jesus, this class examines the reality of right and wrong in a complex society. We will consider the relationships between our actions, political decisions, societal trends, and those on the margins. Ultimately, students will be challenged to reflect on their own life, how they ought to live, and the type of person they want to be.

Structure: The student learns through LAPs, Open Lab time, class discussion, lecture & presentation, group projects, a major research paper, film & media sources, and personal reflection.

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## **CHRIST & CULTURE**

Gr. 12 Level 4.3 0.5 Credit Sem 1 or 2 5M

For over 2,000 years, Christians throughout the world have sought to live authentic, faith-filled lives in the midst of their own particular culture. This course will continue the tradition by examining what it means to be Christian in our own time and place. We will look at the challenges of discipleship and the very real obstacles to human flourishing today.

Christ and Culture will discuss what it means to be in the world but not of it through three major themes: (1) critical analysis of U.S. culture through the eyes of faith, (2) dialogue about the Christian perspective on and very real effects of suffering and death, (3) and the role of spirituality and prayer in the everyday life of 21st century Christians.

Structure: The student will learn through LAPs, films, media analysis, projects, lecture, and class discussion.

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## **ECUMENICAL AND INTERRELIGIOUS ISSUES ACP**

Gr. 12 Level 4.8 1/2 Credit Sem. 1 5M

### **1818 COURSE: SLU PHIL 1120**

This course is a basic introduction to the primary religions of the world, focusing mostly on Buddhism, Hinduism, Islam, Judaism and Christianity. This course will look both at the philosophical systems undergirding each religion, as well as distinct religious beliefs and practices. The primary goal of this course is to introduce students to the diversity of religious systems worldwide and to cultivate an appreciation for the many spiritual systems of the world. At the end of this course, students will be able to explain the origins, beliefs, and practices of the main world religions and correct misunderstandings and distortions when confronted with them. At the same time, this course will explore the relationship of the Catholic Church to non-Catholic and non-Christian religions, as well as the ongoing need for continuing dialogue across and among these many traditions. This is an ACP class (PHIL 1120) offered through UMSL. It is open to seniors who meet ACP requirements.

Structure: Students learn through: LAPS, lecture, discussion, presentations using technology, and a site visit project.

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## **RESPONDING TO THE CALL OF JESUS CHRIST (VOCATIONS)**

Gr. 12 Level 4.3 1/2 Credit Sem. 2 5M

The purpose of this course is to help students to understand the vocations of life: how Christ calls us to live. In this course, students should learn how all vocations are similar and how they differ. While it will cover priestly life, religious life, and consecrated single life, the course places a special emphasis on the study of marriage and the formation of healthy relationships. Students should learn what it means to live life for the benefit of others and the value in considering a vocation in service to the Christian community.

Structure: The student will learn through LAPS, Open Lab time, class discussion, lecture & presentation, film & media sources, and personal reflection.

## **INTRODUCTION TO PHILOSOPHY ACP**

Gr. 12 Level 4.8 1/2 Credit Sem. 2 5M

**UMSL COURSE: PHILL 1150**

How do you know that you really exist? Do you have free will? Is there objective good and objective evil? How do we really know anything? These are some of the questions that have gripped human imagination since the dawn of time and questions which generations of philosophers have grappled with, often with starkly different conclusions. In this class, students will be introduced to the primary figures in Western Philosophy from Socrates to Mills, and into contemporary philosophy. Students will learn to analyze questions and arguments and apply them to a number of issues in a rigorous manner. At the same time, students will become conversant with the philosophers and systems that have shaped Western culture and western religion. Topics include: topics as the nature of philosophical argumentation, knowledge of the external world, the relation of mind and body, the existence of God, the nature of morality and freewill. This is an ACP class offered through UMSL and open to seniors who meet general ACP requirements.

Structure: The student will learn through LAPs, Open Lab time, class discussion, lecture & presentation, film & media sources, and personal reflection.

## **GOD FROM THE MARGINS**

Gr. 12 Level 4.8 1/2 Credit SUMMER

**1818 COURSE: SLU THEO 2425**

The purpose of this course is to introduce students to the various lenses of theological reflection and expand their understanding of the extent to which context influences hermeneutics. Throughout the course of their study, students will explore feminist, womanist, mujerista, liberation, third-world, and queer theologies. By doing so, students will come to appreciate and understand the contributions that the marginalized and oppressed have brought to the field of theology as well as the insight these lenses bring to criticizing unjust social institutions from a theological perspective. This course will be conducted as a college-level class and students will earn college credit through SLU's 1818 Program.

The class meets from June 26th to July 17th. Monday and Friday it meets online, Tuesday, Wednesday, and Thursday it meets in person from 12:00-2:00 at IWA. |

## **ENGLISH COMPOSITION 1A**

Gr. 9 Level 4.3 1/2 Credit Sem. 1 8M

This course utilizes traditional grammar models and permits the students to create works of varying length based on the rules, definitions, and illustrations given. Development of unified and coherent paragraphs is emphasized. Students are also introduced to the writing process. Revising, editing, and student/teacher conferences are performed in Open Labs. The content of this course is similar to Composition 1B.

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## **ENGLISH COMPOSITION 1B**

Gr. 9 Level 4.3 1/2 Credit Sem. 1 5M

The course explores sentence patterns and sentence structure in order to improve sentence and paragraph writing. The development of unified and coherent paragraphs is emphasized through expository, descriptive, and narrative writing. Students are also introduced to the writing process. Revising, editing, and student/teacher conferences are performed in Open Labs.

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## **HONORS COMPOSITION 1B**

Gr. 9 Level 4.3 1/2 Credit Sem. 1 5M

Follows the same content as Comp 1B, but class meetings will focus less on the grammatical material and will require more advanced writing performance.

Prerequisites: Department Approval

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## **LITERARY TYPES A**

Gr. 9 Level 4.3 1/2 Credit Sem. 2 8M

This course offers the students an opportunity to understand types of literature and the value of studying literature. Students will examine the short story, the novel, nonfiction, drama, and poetry in order to discover and to evaluate the tools authors use to create literature. Students will write a variety of paragraphs related to the literature that they read.

## **LITERARY TYPES B**

Gr. 9 Level 4.3 1/2 Credit Sem. 2 6M

This course offers the students an opportunity to understand types of literature and the value of studying literature. Students will examine the short story, the novel, nonfiction, drama, and poetry in order to discover and to evaluate the tools authors use to create literature. Students will write a variety of paragraphs related to the literature that they read.

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## **HONORS LITERARY TYPES B**

Gr. 9 Level 4.3 1/2 Credit Sem. 2 6M

Follows the same content as Literary Types B, but the projects and writing assignments will be of a more challenging nature and will require advanced critical thinking.

Prerequisites: Department Approval

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## **COMPOSITION 2A**

Gr. 10 Level 4.3 1/2 Credit Sem. 1 7M

This course is meant to build on what was learned in Composition 1. The student will experiment with more sophisticated usage and rhetorical skills and apply these skills in a 5-paragraph essay. Point of view will be emphasized, moving from the personal to the objective as students conduct research. Vocabulary and grammar and usage will be done independently. Teacher conferences are encouraged

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## **COMPOSITION 2B**

Gr. 10 Level 4.3 1/2 Credit Sem. 1 5M

This course is meant to build on what was learned in Composition 1. The student will experiment with more sophisticated usage and rhetorical skills and apply these skills in a 5-paragraph essay. Point of view will be emphasized, moving from the personal to the objective as students conduct research. Vocabulary and grammar and usage will be done independently. Teacher conferences are encouraged.

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## **HONORS COMPOSITION 2**

Gr. 10 Level 4.3 1/2 Credit Sem. 1 5M

This course is meant to build on what was learned in Honors Composition 1. The student will experiment with more sophisticated usage and rhetorical skills and apply these skills in a 5-paragraph essay. Point of view will be emphasized, moving from the personal to the objective as students conduct research. Vocabulary and grammar and usage exercises will be completed independently. Teacher conferences are required in the drafting stage of each essay and are also strongly encouraged in preparation for a final revision of each essay. The course focuses on deep revision utilizing available software and on the preparation of a final portfolio. Class participation involves a willingness to share work in progress as well as completed assignments with small and large peer groups.

**Prerequisites:** Department Approval, 85% or better in English courses

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## **AMERICAN LITERATURE A**

Gr. 10 Level 4.3 1/2 Credit Sem. 2 7M

This course will have the same general content as American Literature B but will be more structured and move at a slower pace. More time will be spent in group work and in-class reading.

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## **AMERICAN LITERATURE B**

Gr. 10 Level 4.3 1/2 Credit Sem. 2 5M

This course offers selections from American writers, beginning with Native Americans and extending into the 21<sup>st</sup> century. A study is made of the moral and social values, past and present, of the American people. Independent reading and essays are required. Students complete projects, and write literary analyses. Each LAP will include vocabulary and Open Lab activities.

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## **HONORS AMERICAN LITERATURE**

Gr. 10 Level 4.3 1/2 Credit Sem. 2 5M

Follows the same selections and basic format for American Lit B, but the projects and writing assignments will require more critical thinking elements and expect higher level writing skills.

**Prerequisites:** Department Approval, 85% or better in English courses

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## **COMPOSITION 3**

Gr. 11 Level 4.3 1/2 Credit Sem. 1 or 2 5M

This course is a review of the writing process and an in-depth study of writing skills. Students will review grammar and mechanics and will write various essays that reinforce and build upon the argumentative skills acquired in Composition 2. With conferences between student and teacher, the focus is on the individual's writing process. Students will complete literary analysis writing and persuasive research.

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### **HONORS COMPOSITION 3**

Gr. 11 Level 4.3 1/2 Credit Sem. 2 5M

This course is meant to build upon what was learned in Composition 2. It follows the same content as Composition 3, but the class will require more independent work, more advanced critical thinking skills, and will expect higher level writing skills.

**Prerequisites:** Department Approval, 85% or better in English courses

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### **INTRODUCTION TO BRITISH LITERATURE**

Gr. 11 Level 4.3 1/2 Credit Sem. 2 5M

This course will introduce the student to the writings of the British people. The students will study selected works of prose and poetry of major British authors. Students will not only read the literature as more than a sequence of events but also analyze the readings for their literary elements and connections to British culture.

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### **HN. EXPLORATIONS IN BRITISH LITERATURE**

Gr. 11 Level 4.3 1/2 Credit Sem. 1 5M

This course offers representative selections of major British writers from the periods of British literature while offering a study of the representative types of literature: the epic, romance, ballad, sonnet, play, short story, and novel. Included is the historical background in which the work of art was created.

**Prerequisites:** Department Approval, 85% or better in English courses

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### **HN. EXPLORATIONS IN BRITISH LITERATURE (ACP)**

Gr. 11 Level 4.8 1/2 Credit Sem. 1 5M

**UMSL COURSE: ENG 2310**

This course offers the same curriculum as the Honors British Literature course, plus ACP students complete additional readings and compose considerably more writing. In general, the student is expected to devote the energy necessary to complete a course more rigorous than the Honors British Literature course.

**Prerequisites:** Department Approval, 3.0 CUM GPA and an 85% or better in English courses.

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### **COMPOSITION 4**

Gr. 12 Level 4.3 1/2 Credit Sem. 2 5M

This course briefly reviews basic skills, including the writing process, needed to write well-developed, organized essays. It primarily consists of an in-depth study of writing a variety of expository essays, which the student will be expected to know how to write in college. Students are introduced to APA format and master MLA format.

**Structure:** Students are encouraged to conference with the teacher about each essay.

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### **HN. COMPOSITION 4**

Gr. 12 Level 4.3 1/2 Credit Sem. 2 5M

This course is an advanced writing course for college preparation. It consists of an in-depth study of the writing process and composition of a variety of research essays. Enrichment activities in writing and reading will be offered.

**Structure:** Students are encouraged to conference regularly with the instructor.

**Prerequisites:** Department Approval and 85% or better in English courses

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## **HN. COMPOSITION 4 ACP**

Gr. 12 Level 4.8 1/2 Credit Sem. 2 5M

**UMSL COURSE: ENG 1100**

This course is an advanced writing course for college credit. It consists of an in-depth study of the writing process and composition of a variety of research essays. Enrichment activities in writing and reading will be offered.

Structure: Students will be expected to conference regularly with the instructor.

Prerequisites: Department Approval, a 3.0 CUM GPA, and 85% or better in English courses.

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## **CREATIVE WRITING WORKSHOP ACP**

Gr. 12 Level 4.3 1/2 Credit Sem. 2 5M

**UMSL COURSE: ENG 1950**

This course will explore the art of creative writing through all its aspects, from inspiration and audience to language and (especially) revision. By studying the work of published authors, students will examine the various techniques with which writers can effectively communicate their objectives. Focusing on poetry and short fiction, the student will be expected to develop a portfolio of original work which combines the techniques learned in class with her own individual style. Additionally, students will be required to write academic essays. An essential component of the course is the student's participation in the course's annual Poetry Reading.

Structure: The course will be structured primarily as a workshop in order to utilize the advantages of audience response. Students will distribute their creations to classmates for responses, suggestions, and constructive criticism.

Prerequisites: Department Approval and submission of a piece of original work. For ACP credit: 3.0 CUM GPA and an 85% or better in English courses.

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## **THE AMERICAN DREAM: HN. ADVANCED AMERICAN LITERATURE ACP**

Gr. 12 Level 4.8 1/2 Credit Sem. 1 5M

**UMSL COURSE: ENG 1170**

Whether we call it daydreaming, fantasizing or building castles in the air, to be American is to dream of better times and more perfect worlds. The Puritans dreamed of religious freedom, the Revolutionaries of self-rule, the abolitionists of slavery's end, and suffragettes of gaining the vote. The best American writers also address this theme, exploring the dreams and disappointments of American citizens.

Students will explore the American dream throughout the 20<sup>th</sup> century and into the 21<sup>st</sup> century and, through literature, try to discover whether it has survived two world wars, a racially polarized society, mushrooming technology, and the breakdown of family and religion.

Structure: This course is conducted on a discussion basis. Class participation is essential. Student assessments are most commonly literary analysis essays and projects.

Prerequisites: Department Approval, a 3.0 CUM GPA and an 85% or better in English courses.

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## **WORLD LITERATURE**

Gr. 12 Level 4.3 1/2 Credit Sem. 1 5M

This course will acquaint the student with selected examples of world literature. The readings will include: selected European, Asian, Middle Eastern, and American writers with a focus on female writers and writers representing a variety of ethnic groups. Works will include: novels, drama, short stories, and poetry.

Structure: Consistent participation in class discussion is essential.

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## **HN. WORLD LITERATURE ACP**

Gr. 12 Level 4.8 1/2 Credit Sem. 1 5M

**UMSL COURSE: ENG 1120**

Same as World Literature and additional novels, plays, short stories, and poetry.

Structure: Consistent participation in class discussion is essential. Student assessments are most commonly literary analysis essays and projects.

Prerequisites: Department Approval, a 3.0 CUM GPA and an 85% or better in English courses.

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## **HISTORY OF THE ENGLISH LANGUAGE**

Gr. 12 Level 4.3 1/2 Credit SUMMER

This course introduces students to the development of the English language from its Anglo-Saxon roots to its present status as the world's dominant language. Methods of instruction will include in-class and out-of-class assignments responding to lecture, discussion, group work, and other activities. By the end of summer session, students should be able to explain the characteristics of the English language during the various stages of its development, including the cultural and linguistic forces that shape English.

Structure: June 4<sup>th</sup> – June 14<sup>th</sup>

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## **HISTORY OF THE ENGLISH LANGUAGE 2.0**

Gr. Level 4.3 1/2 Credit SUMMER  
11-12

This course examines the English language further than the first course. It challenges the students to expand their knowledge through independent synthesis and evaluation of Old English vernacular and development of the modern language of technology.

Structure: June 4<sup>th</sup> – June 14<sup>th</sup>

Prerequisites: A passing grade in History of the English Language

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## **GREEK MYTHOLOGY & POP. CULTURE**

Gr. 9- Level 4.3 1/2 Credit SUMMER  
12

Countless references to Greek myths occur in our lives every day in popular culture and many of the archetypal stories were first created in Greek myth, such as the journey story. This course would help students be able to make those connections in both the literature that they read and in their everyday lives and come to newfound understandings regarding the influence of Greek myth plays in the development of Western Literature.

Structure: June 27<sup>th</sup> – July 9<sup>th</sup>. With only 2-3 at school meetings, most of the work is conducted online.

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### **ALGEBRA 1A**

Gr. 9 Level 4.3 1 Credit FY 8M

The content of Algebra 1A is the same as that of Algebra 1B but with less emphasis on theory. Tests are taken during class time.

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### **ALGEBRA 1B**

Gr. 9 Level 4.3 1 Credit FY 6M

The content of Algebra 1B is the study of operations and relations of numbers through the use of variables. The students will study: polynomials, equations and inequalities, factoring, functions, graphing, and solutions of verbal problems.

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### **HONORS ALGEBRA 1**

Gr. 9 Level 4.3 1 Credit FY 6M

The content of Honors Algebra 1 is the same as Algebra 1B but at a more advanced pace. In addition, students will study quadratic functions and will focus more on the theory behind what they are learning.

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### **GEOMETRY A**

Gr. 10 Level 4.3 1 Credit FY 8M

The content of Geometry A is the same as Geometry B but with less emphasis on theory and more emphasis on problem solving. Tests are taken during class time.

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### **GEOMETRY B**

Gr. 10 Level 4.3 1 Credit FY 6M

Geometry is a mathematical system that develops from: undefined terms to definitions to postulates to theorems. With these laws and basic reasoning, the student learns how to make logical conclusions. The student will be able to write and plan proofs in a mathematical language. Parallel lines, triangle congruence and similarity, relationships with triangles, quadrilaterals, surface area and volume, and introduction to trigonometry will be covered. The students will also learn to apply geometric ideas to the real world.

---

### **HN. GEOMETRY**

Gr. 9-10 Level 4.3 1 Credit FY 6M

The content of Honors Geometry is the same as Geometry B but at a more advanced pace and will cover additional topics such as coordinate geometry and trigonometry.

Prerequisites: Department Approval

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### **ALGEBRA 2A**

Gr. 11 Level 4.3 1 Credit FY 7M

This course reviews and goes into more in-depth study of the fundamental principles and operations learned in Algebra 1. New topics studied are the same as those in Algebra 2B, but more emphasis is placed on problem solving and less on theory. Tests are taken during class time. New topics studied are the same as those in Algebra 2B with the exceptions of trigonometry.

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## **ALGEBRA 2B**

Gr. 11 Level 4.3 1 Credit FY 6M

This course reviews and goes into more in-depth study of the fundamental principles and operations learned in Algebra 1. New topics studied are: polynomial functions, irrational numbers, complex numbers, and exponential and logarithmic functions and trigonometry topics covered on the ACT.

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## **HN. ALGEBRA 2**

Gr. 10-11 Level 4.3 1 Credit FY 6M

This course reviews and goes into more in-depth study of the fundamental principles and operations learned in Algebra 1. New topics studied are: polynomial functions, rational and irrational functions, complex functions, exponential and logarithmic functions, conic sections, and trigonometric functions covered on the ACT.

Prerequisites: Department Approval

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## **PROBABILITY/STATISTICS**

Gr. 11-12 Level 4.3 1/2 Credit FY 6M

The course will cover basic concepts and methods in probability and statistics. Topics include descriptive statistics, probabilities of events, random variables and their distributions, sampling distributions, estimation of population parameters, confidence intervals and hypothesis testing of population means and population proportions, chi-square tests.

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## **COLLEGE ALGEBRA ACP**

Gr. 11-12 Level 4.8 1 Credit FY 6M

UMSL COURSE: MATH 1030

This course will review and study algebraic topics and functions. Topics will include equations, inequalities, polynomial, logarithms, and exponential functions, the binomial theorem, systems of equations and inequalities, and probability.

Prerequisites: Department Approval

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## **HN. PRECALCULUS/TRIGONOMETRY ACP**

Gr. 11-12 Level 4.3 1 Credit FY 7M

UMSL COURSE: MATH 1310

Topics include: solving complex equations, graphing, trigonometry, vectors, polar coordinates, exponential and logarithmic functions, and limits.

Prerequisites: Department Approval

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## **ALGEBRA 3**

Gr. 12 Level 4.3 1 Credit FY 6M

This course covers a variety of topics. Some of the topics include: review of Algebra 1 & 2 topics, solving complex equations, exponential functions, and basic fundamental topics needed for a college algebra course. Tests are taken during class time.

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## **AP CALCULUS AB**

Gr. 12 Level 4.8 1 Credit FY 10M

Topics include: limits and continuity, derivatives, applications of derivatives, integrals, and applications of integrals. This course will follow the College Board Advanced Placement Calculus AB syllabus and will prepare students for the Advanced Placement Calculus AB Test.

Prerequisites: Department Approval, and a 3.25 Cum GPA

- **THIS COURSE IS OFFERED THROUGH THE COLLEGE BOARD**
  - **COLLEGE CREDIT IS OBTAINED AFTER THE STUDENT TAKES THE AP COURSE AND PASSES THE MANDATORY AP EXAM**
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## **FRENCH 1**

Gr. 9-10 Level 4.3 1 Credit FY 8M

French 1 is an introduction to the French language. Students will acquire proficiency in listening to speaking, reading and writing in French at the Novice low to mid levels, as determined by the American Council on Teaching of Foreign Languages, while also learning about the customs and cultures of French-speaking people throughout the world.

Structure: Some assignments require meetings during Open Lab.

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## **FRENCH 2**

Gr. 9-11 Level 4.3 1 Credit FY 7M

In French 2, students will further develop proficiency in listening to speaking, reading and writing in French at the Novice-mid – high levels, as determined by the American Council on Teaching of Foreign Languages, while also learning about the customs and cultures of French-speaking people throughout the world.

Structure: Some assignments require meetings during Open Lab.

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## **HONORS FRENCH 3 ACP**

Gr. 10-12 Level 4.8 1 Credit FY 6M

**UMSL COURSE: Fren 1001**

French 3 students are introduced to more advanced grammatical structures. Readings, discussions, and additional listening or viewing activities will allow students to improve their reading and listening comprehension and to continue making advances toward the Novice High – Intermediate-low oral and written proficiency ratings as established by the American Council on the Teaching of Foreign Languages. Many aspects of French culture will be presented, explored and assessed.

Structure: Some assignments require meetings during Open Lab.

Prerequisites: Department Approval, a 3.0 Cum GPA, and a 85% or better in French 2

## **HONORS FRENCH 4 ACP**

Gr. 11-12 Level 4.8 1 Credit FY 6M

**UMSL COURSE: Fren 1002**

French 4 provides a review of the advanced grammatical structures. Readings, discussions, and additional listening or viewing activities will allow students to improve their reading and listening comprehension and to continue making advances toward the Intermediate-Low to Mid oral and written proficiency ratings, as established by the American Council on the Teaching of Foreign Languages. Many aspects of French cultures will be presented, explored and assessed.

Structure: Some assignments require meetings during Open Lab.

Prerequisites: Department Approval, a 3.0 Cum GPA, and a 85% or better in French 3

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## **HONORS FRENCH 5 ACP**

Gr. 12 Level 4.8 1 Credit FY 2M

**UMSL COURSE: Fren 2101**

This course is designed as a self-study course emphasizing the reading of French literature and a review of French grammar. Oral practice, outside readings, discussions, and writing are required. A paper or project may be required.

Structure: Assignments/Projects require additional meetings during Open Lab.

Prerequisites: Department Approval, a 3.0 Cum GPA, and a 85% or better in French 4

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## SPANISH 1

Gr. 9- Level 4.3 1 Credit FY 8M  
10

This course introduces the fundamentals of Spanish grammar including the study of verbs in the present tense, stem changing verbs, subject and object pronouns, definite and indefinite articles and agreement. Vocabulary focuses on greetings and introductions, describing characteristics, clothing, families, classes and classroom objects and schedules, telling time, talking on the phone, sports, the weather, clothing and accessories, requesting and giving directions, shopping and food. The four basic skills of listening, speaking, reading and writing are practiced. No previous knowledge of the language is required.

Structure: Some assignments require meetings during Open Lab.

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## SPANISH 2

Gr. 9- Level 4.3 1 Credit FY 7M  
11

Spanish 2 builds on the foundations of Spanish 1. Spanish 2 covers vocabulary and dialogue related to hobbies and activities, school and home life, and food and cultures. Students continue to further develop and improve listening, speaking, reading and writing skills. Emphasis is placed on comprehension of Spanish, as well as, reading and writing practice in the target language using a variety of activities incorporating familiar vocabulary and structures. Supplementary materials are introduced to enhance language use.

Structure: Some assignments require meetings during Open Lab.

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## SPANISH 3

Gr. 10- Level 4.3 1 Credit FY 6M  
12

Spanish 3 builds on the foundation of Spanish 2. In this course students will begin to develop communicative skills in the Spanish language. Communication requires abilities in four skills that will be nurtured in this course: listening, speaking, reading, and writing. Likewise, knowledge of culture is required to communicate in a second language; therefore, many aspects of the Spanish culture will be presented, explored and assessed.

Structure: Some assignments require meetings during Open Lab.

Prerequisites: Department Approval, a 3.0 CUM GPA, and an 85% or better in Spanish 2.

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## HONORS SPANISH 3 ACP

Gr. 10- Level 4.8 1 Credit FY 6M  
12

UMSL COURSE: SP 1001

This course will expand the student's understanding of the Spanish language by participating in classroom activities that promote listening, reading, speaking and writing in Spanish. Students will gain insight into diverse cultures, while exploring Spanish-speaking countries. First, students will learn how to talk about what you used to do in the past. Then, they will learn how to better express in Spanish by discussing interests and opinions and reacting to news. Next, students will try new and different Latin American foods and comment on them. Lastly, students will improve their ability to interact in today's global society by using technology as a tool for learning.

Structure: Some assignments require meetings during Open Lab.

Prerequisites: Department Approval, a 3.0 Cum GPA, and a 90% or better in Spanish 3

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## **SPANISH 4**

Gr. 11- Level 4.3 1 Credit FY 6M  
12

Spanish 4 continues to develop listening, speaking, reading and writing skills acquired in the first three years of study. Vocabulary will focus on words and expressions relevant to students' lives. Themes include travel and vacations, childhood, food, health, nature, and the environment, and jobs and careers. Readings and research develop cultural knowledge. New grammatical concepts include the future and conditional tenses and the present subjunctive. By the end of Spanish 4 course, students will be able to extend grammatical concepts learned in Spanish I, II, and III.

Structure: Some assignments require meeting during Open Lab.

Prerequisites: Department Approval, a 3.0 CUM GPA and an 85% or better in Spanish 3.

## **HONORS SPANISH 4 ACP**

Gr. 11- Level 4.8 1 Credit FY 6M  
12

**UMSL COURSE: SP 1002**

This course continues to develop communicative skills in the Spanish language. Communication requires abilities in four skills that will be nurtured in this course: listening, speaking, reading, and writing. Likewise, knowledge of culture is required to communicate in a second language; therefore, many aspects of the Spanish culture will be presented, explored and assessed. By the end of the course, students should function at a Novice-High level of proficiency in speaking and listening, and at the Intermediate-Low level of proficiency in reading and writing, as established by the American Council on the Teaching of Foreign Languages and as determined through oral and written assessments. Students will be able to extend grammatical concepts learned in Spanish I, II, and II.

Structure: Some assignments require meeting during Open Lab.

Prerequisites: Department Approval, a 3.0 Cum GPA, and a 90% or better in Spanish 3

## **HN. SPANISH 5 ACP**

Gr. 12 Level 4.8 1 Credit FY 2M

**UMSL COURSE: SP 2101**

This course emphasizes: Spanish literature, culture, and a review of Spanish grammar. Authentic conversation, outside readings, and formal and informal writing is required.

Structure: Assignments/Projects require additional meetings during Open Lab.

Prerequisites: Department Approval, a 3.0 Cum GPA, and a 90% or better in Spanish 4



## **WORLD AREAS**

Gr. 9 Level 4.3 1/2 Credit Sem. 1 6M  
or 2

The course centers on the study of physical and human geography and how they relate to past and current global issues. The different fields of human geography - population, political, urban, and economic geography fields - are stressed and provide tools for examining current issues. Students learn the basic methods geographers use to study the world, including the five themes of geography, and then explore the role of geography in creating civilization. With this strong foundation, students begin to study different regions of the world, mainly non-western. Readings on current issues determine the areas studied and become a focal point in the study of that issue.

Structure: Students will be expected to complete LAP activities and readings, understand maps, utilize charts, diagrams, and other appropriate geographic tools, participate in class discussions, and successfully pass LAP summative assessments.

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## **HN. WORLD AREAS**

Gr. 9 Level 4.3 1/2 Credit Sem. 1 6M  
or 2

Honors World Areas centers on the study of physical and human geography and how they relate to past and current global issues. The different fields of human geography - population, political, urban, and economic geography fields - are stressed and provide tools for examining current issues. Students learn the basic methods geographers use to study the world, including the five themes of geography, and then explore the role of geography in creating civilization. With this strong foundation, students begin to study different regions of the world, mainly non-western. Readings on current issues determine the areas studied and become a focal point in the study of that issue.

Structure: As an Honors course the students will be expected to: develop and utilize skills in content reading, expository writing, note taking, critical thinking, analysis of statistics, along with the interpretation and construction of maps, charts, and graphs. Students will be expected to participate in class discussions, complete three research projects over the course of the semester and successfully pass LAP summative assessments.

Prerequisites: Department Approval.

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## **WORLD HISTORY**

Gr. 10 Level 4.3 1 Credit FY 6M

The focus of this course is the study of the historical development of people, places, and patterns of life from ancient times to the present. Students will use skills of historical and geographical analysis to explore the history of the world.

Structure: Students will be expected: to read the text and assigned readings, to complete LAPs, to participate in class discussion, to make reports and presentations, to read and understand geographical charts and maps, and to pass scheduled summative assessments.

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## **HN. WORLD HISTORY**

Gr. 10 Level 4.3 1 Credit FY 6M

The focus of this course is the study of the historical development of people, places, and patterns of life from ancient times to the present. Students will use skills of historical and geographical analysis to explore the history of the world. Students will be expected to complete projects each LAP that include papers, debates, or oral presentations.

Structure: Students will be expected to read the text, and complete Cornell notes each night, complete critical thinking reading and writing assignments, participate in class discussions, and prepare class presentations and oral reports.

Prerequisites: Department Approval.

## **AP WORLD HISTORY**

Gr. 10 Level 4.8 1 Credit FY 10M

The AP World History course focuses on developing students' understanding of world history from approximately 8000 BCE to the present. The course has students investigate the content of world history for significant events, individuals, developments, and processes in six historical periods, and develop and use the same thinking skills and methods employed by historians when they study the past. The course also provides five themes that students explore throughout the course in order to make connections among historical developments indifferent times and places encompassing the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania.

Structure: Students will use a college level textbook and will be expected to read and take notes, make oral class presentations, write interpretive and analytical essays to prepare for document-based questions. Students are required to read, analyze, and discuss primary and secondary sources. Students will then take the AP exam in May.

Prerequisites: Department Approval.

## **AMERICAN HISTORY**

Gr. 11 Level 4.3 1 Credit FY 6M

This course is a survey of the history of the United States. During the first semester, students will examine the period from the colonization of America through the mid 18<sup>th</sup> century. It will focus on: the political, economic, religious, social, intellectual, and artistic developments in each period to discover how they have affected the course of the nation. During the second semester, students will investigate the mid 18<sup>th</sup> century through the 20<sup>th</sup> century. We will examine the lessons learned by the United States from its conception until present day.

Structure: The student will complete LAP activities and readings, participate in class discussions, and pass regular summative assessments. The student will be required to read, analyze, and discuss primary and secondary sources, including two novels. (One per semester)

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## **HN. AMERICAN HISTORY ACP**

Gr. 11 Level 4.8 1 Credit FY 6M

**UMSL COURSE: HIST 1002**

**SLU COURSE: HIST 261**

This course is a rigorous survey of the history of the United States from the mid 19<sup>th</sup> century through the 20<sup>th</sup> century. It will focus on: the political, economic, religious, social, intellectual, and artistic developments in each major time frame to discover how they have affected the course of the nation.

Structure: Students are required to make oral class presentations, participate in class discussion, write interpretive/ analytical essays, and complete Lap tests. The student will be required to read, analyze, and discuss primary and secondary sources, including two novels. A student should be capable and motivated to earn an "A" or a "B" grade.

Prerequisites: Department Approval, and a 3.0 CUM GPA

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## **GOVERNMENT**

Gr. 12 Level 4.3 1/2 Credit Sem. 1 or 2 6M

Students study the American political institutions, looking at the nation's political theory as well as the structure and functioning of various governing bodies. In addition, students investigate public issues and groups active in addressing them. Students will be required to take the United States and Missouri Constitution tests as part of the course work.

Structure: The student will complete LAP activities and readings, participate in class discussions, and pass regular summative assessments. The student will be required to read, analyze, and discuss primary and secondary sources

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## **PSYCHOLOGY**

Gr. 12 Level 4.3 1/2 Credit Sem. 1 or 2 6M

This course focuses on the general principles and topics related to behavior and personality development. Students will examine the concepts of: learning, memory, thought, stress and abnormal behaviors, and development. Student assessment will include summative assessments, LAP work and projects, in-class presentations, and discussions.

Structure: Students will be expected to complete assigned readings, participate in activities and experiments, complete LAP work and pass LAP summative assessments.

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## **CRIMINAL JUSTICE**

Gr. 12 Level 4.3 1/2 Credit Sem. 1 6M

This course is an introduction to the basic concepts of criminal justice, law, and the legal system. It will cover the basic elements of law and how it protects the rights of individuals in society. The course will provide an overview of major types of crimes, discuss the rules and regulations of criminal procedure, follow the course of a trial, discuss issues facing the correctional system in America, and contrast appellate and juvenile court systems.

Structure: Students will be expected to do reading and research, to participate in activities, and to complete LAP work.

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## **ANCIENT EMPIRES ACP**

Gr. 12 Level 4.8 1/2 Credit Sem. 2 6M

### **UMSL COURSE: HIST 1030**

This class is a survey of ancient history in the Near East, the Aegean, the central and western Mediterranean. Themes include: politics and economy, war and society and culture (including art, literature, technology, religion and philosophy). The course will examine how each civilization has impacted our world today. The chronological span is from the Neolithic period (7500-3000 B.C.) in the Near East to the fall of the Roman Empire in the fifth century A.D.

Structure: A student should be capable and motivated to earn an "A" or "B" grade while doing Freshman college-level work.

Prerequisites: Department Approval, and a 3.0 CUM GPA

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## **CURRENT ISSUES**

Gr. 11-12 Level 4.3 1/2 Credit Sem. 1 6M

Current Events is a one-semester course structured to give the student an understanding of current issues in many areas of a political, social, and economic nature. The course emphasizes research done by the student since the topics chosen are very fluid depending on topics current in the media.

Structure: This course includes a number of journals and articles to be read and discussed. Since it is taught as a seminar, interest in critical thinking and a commitment to participate actively in class discussion are required. Class activities include reading summaries and discussions, films and documentaries, possible guest speakers, reaction papers, and student presentations.

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## **BIOLOGY**

Gr. 9 Level 4.3 1 Credit FY 5M+L

Biology will focus on providing students with an understanding of carbon compounds, cell biology, Mendelian and molecular genetics, bacteria and viruses, the nervous, endocrine, and immune systems, and evolution. These topics will be supported by laboratory activities that demonstrate applications of the concepts learned in Biology.

Structure: Lab work must be completed in order to receive credit. Open lab time is required.

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## **HONORS BIOLOGY**

Gr. 9 Level 4.3 1 Credit FY 5M+L

Honors Biology will focus on providing students with an in depth understanding of carbon compounds, cell biology, Mendelian and molecular genetics, bacteria and viruses, the nervous, endocrine, and immune systems, and evolution. These topics will be supported by laboratory activities that demonstrate applications of the concepts learned in Honors Biology.

Structure: Lab work must be completed in order to receive credit. Open lab time is required.

**Prerequisites:** Honors Placement in Math or English

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## **CHEMISTRY**

Gr. 10 Level 4.3 1 Credit FY 5M+L

This is a beginning Chemistry course covering: the major concepts of elements and compounds, atomic structure, gas laws, symbols and equations, equilibrium, molar mass, stoichiometry, and acid-base reactions.

Structure: Lab work must be done in order to achieve credit. Open Lab time is required.

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## **HONORS CHEMISTRY**

Gr. 10 Level 4.3 1 Credit FY 5M+L

This is a beginning Chemistry course covering the major concepts of elements and compounds, atomic structure, equilibrium, molar mass, stoichiometry, gas laws, oxidation-reduction, thermochemistry, acid-base reactions, nuclear chemistry, and electrochemistry solutions. Special emphasis will be placed on mathematical problem solving and advanced laboratory techniques.

Structure: Lab work must be completed in order to achieve credit. Open lab time is required.

**Prerequisites:** an "A" in Honors Biology or Department Approval.

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## **PHYSICS**

Gr. 11-12 Level 4.3 1 Credit FY 6M

This course focuses on the basic mechanics of physical systems. The course will begin by analyzing the motion of physical objects, move into the study of the forces that cause motion, and finish by analyzing systems through conservation laws. The emphasis of the course is depth of understanding, rather than breadth of content.

Structure: Lab work must be done in order to achieve credit. Open lab work is required.

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## **HONORS PHYSICS**

Gr. 11- Level 4.3 1 Credit FY 6M  
12

This course focuses on the basic mechanics of physical systems. The course will begin by analyzing the motion of physical objects, move into the study of the forces that cause motion, and analyze the application of Newton's Laws. In second semester, we study harmonic motion, sound, light, and electricity. The emphasis of the course is depth of understanding, rather than breadth of content, with special attention to mathematical problem solving.

Structure: Lab work must be done in order to achieve credit.

Prerequisites: an "A" in Honors Chemistry or Department Approval.

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## **ANATOMY & PHYSIOLOGY-FALL**

Gr. 11- Level 4.3 1/2 Credit Sem. 1 4M+L  
12

This course examines the structure and function of the human body. Students will learn how the body works and apply the concepts to their own lives and health. Systems covered in this semester include: Skeletal, Muscular, Nervous and Cardiovascular. Dissections of specimens and organs will augment the lecture and are required.

Structure: Lab work must be done in order to achieve credit. Open lab time is required.

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## **ANATOMY & PHYSIOLOGY-SPRING**

Gr. 11- Level 4.3 1/2 Credit Sem. 2 4M+L  
12

This course examines the structure and function of the human body. Students will learn how the body works and apply the concepts to their own lives and health. Systems covered in this semester include: Respiratory, Digestive, Urinary and Reproductive. Dissections of specimens and organs will augment the lecture and are required.

Structure: Lab work must be done in order to achieve credit. Open lab time is required

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## **HONORS ANATOMY & PHYSIOLOGY-FALL**

Gr. 11- Level 4.3 1/2 Credit Sem. 1 4M+L  
12

This advanced course examines the structure and function of the human body. It is a fast paced course that requires memorization of anatomical and medical terms in addition to understanding the concepts related to the functioning of the human body. Systems covered in this semester include: Skeletal, Muscular, Nervous and Cardiovascular. Dissections of specimens and organs will augment the lecture and are required.

Structure: Lab work must be done in order to achieve credit. Open lab time is required.

Prerequisites: an "A" in Honors Biology and Honors Chemistry or Department Approval.

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## **HONORS ANATOMY & PHYSIOLOGY- SPRING**

Gr. 11- Level 4.3 1/2 Credit Sem. 2 4M+L  
12

This advanced course examines the structure and function of the human body. It is a fast paced course that requires memorization of anatomical and medical terms in addition to understanding the concepts related to the functioning of the human body. Systems covered in this semester include: Respiratory, Digestive, Urinary, Reproductive and Endocrine. Dissections of specimens and organs will augment the lecture and are required.

Structure: Lab work must be done in order to achieve credit. Open lab time is required

Prerequisites: an "A" in Honors Biology and Honors Chemistry or Department Approval.

## **INTRODUCTION TO ENGINEERING**

Gr. 11- Level 4.3 1/2 Credit Sem. 1 5M  
12

This course will introduce students to the field of engineering. We will include a survey of the different types of engineering including biomedical, materials, mechanical, chemical and environmental. We will also discuss the components of the engineering design process and use the process to solve a variety of real world problems. Students will work independently and in groups to define criteria and constraints of a design problem, develop and test models, collaborate to make improvements to their design and present their findings. Some projects will include 3D Design and Printing.

Structure: Open lab time is required.

## **FORENSICS**

Gr. 11- Level 4.3 1/2 Credit Sem. 2 5M  
12

This is an introductory course in Criminal Investigation. The study includes: the history of Forensic Science; Latent Fingerprint Classification; Evidence Collection and Preservation; Bloodstain Pattern Analysis; Hair, Fibers, and DNA.

Structure: Open lab time is required.

## **HONORS ENGINEERING PRINCIPLES AND PRACTICES**

Gr. 11- Level 4.3 1 Credit FY 5M  
12

The course consists of separate, self-contained modules that require the student to design and test projects such as: bridges, race cars, rockets and prosthetic arms. After researching the project, the student then uses a CAD program that allows her to create and analyze possible prototypes. The student then tests the design in a game-like simulation competing against the instructor's design and other students' designs to see how it compares.

Structure: At least one required open lab.

Prerequisites: Physics (Previous or Concurrent)

## **EARTH/SCIENCE-FALL**

Gr. 12 Level 4.3 1/2 Credit Sem. 1 5M

During the fall semester Earth Science will focus on key concepts in astronomy and geology. Students will investigate our solar system, our sun, star formation and the life cycle of stars, the big bang theory, plate tectonics, earthquakes and volcanoes, and rocks and minerals. These core topics will be supported by current events and laboratory exercise to demonstrate applications of the concepts learned in Earth Science.

Structure: Open Lab time is required.

## **EARTH SCIENCE-SPRING**

Gr. 12 Level 4.3 1/2 Credit Sem. 2 5M

During the spring semester Earth Science will focus on key concepts in meteorology and oceanography. Students will investigate the composition of the atmosphere, the water cycle, weather, climate, the composition of the oceans, and ocean currents. These core topics will be supported by current events and laboratory exercise to demonstrate applications of the concepts learned in Earth Science.

Structure: Open Lab time is required.

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## **ADVANCED PLACEMENT BIOLOGY-**

### **Offered odd years**

Gr. 11- Level 4.8 1 Credit FY 10M+L  
12

**College Credit offered through The College Board**

This course will follow the standards described by the College Board Advanced Placement Biology syllabus. It is designed to be the equivalent of a college introductory biology course. Therefore, it will include a rigorous curriculum that mandates highly motivated students. Topics will include: molecules, cells, heredity, molecular genetics, evolutionary biology, and diversity of organisms and ecology. Laboratory work will play an important role in the class. Students are required to take the AP Biology Exam in the spring.

Structure: Meets 8 times a cycle during zero hour (7:00 – 7:50) and 8 mods of laboratory time each cycle. Lab work must be done in order to achieve credit.

Prerequisites: Department Approval, an “A” in Honors Biology and Honors Chemistry, and a 3.25 CUM GPA

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## **ADVANCED PLACEMENT CHEMISTRY -**

### **Offered even years**

Gr. 11- Level 4.8 1 Credit FY 10M+L  
12

**College Credit offered through The College Board**

This course follows the standards described by the College Board Advanced Placement Chemistry syllabus. It is designed to be the equivalent of a college introductory chemistry course. The course curriculum is rigorous and challenging and mandates capable and motivated students. Topic review includes: the structure of matter, atomic theory, gas laws, stoichiometry, and solution chemistry. In depth coverage of the first year topics and advanced topics include: organic nomenclature, redox chemistry, rates and equilibrium, acid base equilibrium, thermochemistry and thermodynamics. Laboratory work is required and plays an important role in the curriculum. Students are required to take the AP chemistry exam in the spring.

Structure: This course meets 8 times per cycle during zero hour (7:00-7:50) and 8 mods of laboratory time each cycle. Laboratory work is required for credit.

Prerequisites: Department Approval, an “A” in Honors Biology, Honors Chemistry, and a 3.25 CUM GPA

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## **GENETICS – ONLINE COURSE**

Grade 10- Level 4.3 1/2 Credit Summer  
12

This semester course covers the science of heredity at all scale levels, from its molecular basis and how it determines the traits of individuals to how it affects entire populations of organisms over time. Students will learn the theory of evolution and how it is unified with genetics to formulate current biological framework. At the end of this course, students will have a strong foundation in genetic and evolutionary concepts to use in their everyday life or in the continuation of their scientific studies.

Course format: This course will be conducted online. Students will complete readings from the text and other sources, watch online videos or animations, complete homework assignments, take online quizzes and complete a test for each unit. Teacher will be available for questions through email and will offer in-person appointments prior to each unit test.

**Prerequisites:** Sophomores need Department Approval

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## **TOPICS IN BIOMEDICAL SCIENCES – ONLINE COURSE**

Grade 10- Level 4.3 1/2 Credit Summer  
12

This semester course will cover a variety of topics from Biomedical Science. Students will learn about prevalent and impactful diseases such as Diabetes, Heart Disease, Cancer, Autoimmune Disorders and Neurological Disorders. Injuries including common sports injuries and orthopedic interventions and current issues in global health will also be addressed.

**Structure:** This course will be conducted online over a period of eight weeks. Students will complete readings from the text and other sources, watch online lectures, videos or animations, complete homework assignments, take online quizzes and complete a summative assessment for each unit. Teacher will be available for questions through email and will offer in-person appointments prior to each unit test.

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## **CODING**

Gr. 9 Level 4.3 1/2 Credit Sem. 1 5M  
or 2

This class is designed for someone who has been wondering what computer programming is all about. Students are introduced to some basic issues associated with program design and development. Students use appropriate algorithms to solve a problem, design, code, test, and execute a program that corresponds to a set of specifications, select appropriate programming structures, and locate and correct errors in a program. Students will receive an overview of programming fundamentals including sequence execution, looping and making the computer make choices (IF, THEN, ELSE).

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## **MEDIA APPLICATIONS 1**

Gr. 10- Level 4.3 1/2 Credit Sem. 1 5M  
12 or 2

This course introduces computer design elements. Students will spend a majority of the class designing projects using Adobe® InDesign. Students will also be introduced to Adobe® Illustrator and Adobe® Photoshop. Students will begin to understand concepts in designing as they create projects. This class will give students an opportunity to create their own designs and create an image to be printed on the 3D printer.

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## **MEDIA APPLICATIONS 2**

Gr. 11- Level 4.3 1/2 Credit Sem. 1 5M  
12 or 2

This course builds on knowledge acquired from Media Applications 1. Students continue to learn new skills in Adobe® InDesign, Adobe® Illustrator, and Adobe® Photoshop. Students design and create products for Incarnate Word Academy.

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**Prerequisite:** Media Applications 1

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## **WEB DESIGN**

Gr. 11- Level 4.3 1/2 Credit Sem. 2 5M  
12

Students design and create web pages in an introduction to HTML. Cascading Style Sheets, page layout, navigation schemes, information organization and site structure are introduced.

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## **ACCOUNTING**

Gr. 11- Level 4.3 1/2 Credit Sem. 1 6M  
12 or 2

This course is an introduction to accounting principles and procedures as they apply to the basic accounting cycle. Students will learn financial accounting concepts including the accounting equation, the accounting cycle, entering transactions, and posting to ledgers. Connections between accounting principles, the business world, as well as career opportunities and ethical considerations are provided.

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## **COMPUTER AND INFORMATION SYSTEMS**

Gr. 10- Level 4.3 1/2 Credit Sem. 1 5M  
12 or 2

Students will develop skills in utilizing applications that run on familiar computer software. This course covers the basic concepts of networked microcomputers including the basics of file management on local and remote computers, electronic mail, Internet browsers, and web page development. Students are also exposed to applications used in problem solving, communication, and making informed decisions, including word processors, presentation software, electronic spreadsheets, and databases. The characteristics of computer hardware and software used in implementing various applications are considered. The topics of net neutrality and cyber security will be pursued.

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## **COMPUTER AND INFORMATION SYSTEMS**

### **ACP**

Gr. 10- 12	Level 4.8	1/2 Credit	Sem. 1 or 2	5M
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**UMSL COURSE: INFSYS 1800**

Students will develop skills in utilizing applications that run on familiar computer software. This course covers the basic concepts of networked microcomputers including the basics of file management on local and remote computers, electronic mail, Internet browsers, and web page development. Students are also exposed to applications used in problem solving, communication, and making informed decisions, including word processors, presentation software, electronic spreadsheets, and databases. The characteristics of computer hardware and software used in implementing various applications are considered. The topics of net neutrality and cyber security will be pursued.

**Prerequisites:** 3.0 CUM GPA

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## **ADVANCED CODING AND TECHNOLOGY**

Gr. 11	Level 4.3	1/2 Credit	Sem. 2	5M
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Students will build upon the foundation of freshman year's Coding class. This class will introduce students to the JAVA programming language and will allow students to use their creativity with programming to write their own JAVA code. Logic concepts and language structure and formatting will be pursued.

**Prerequisites:** Passing grade in Coding

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## ART

### INTRODUCTION TO ART

Gr. 9-12	Level 4.3	1/2 Credit	Sem. 1 or 2	4M
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Students will work with a variety of media including: painting, drawing, and ceramics. Two-dimensional and three-dimensional projects are included. Students develop an understanding of the elements and principles of design and color exploration experienced in Visual Arts courses. This course will give students a chance to explore some of the media and techniques offered in upper level art classes as well as introduce students to the creative planning process.

Structure: Students will be required to spend 4 mods in Open Lab per cycle.

Note: Students will be required to pay an art fee of \$30.

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### DRAWING ACP

Gr. 10-12	Level 4.8	1/2 Credit	Sem. 1	4M
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Students will experience drawing techniques (composition, light, and shadow) for pencil, charcoal, ink, and colored pencil. Students will work from life and reference images.

Structure: Students will be required to spend 4 mods in Open Lab per cycle.

Note: Students will be required to pay an art fee of \$35.

Prerequisites: Passed Introduction to Art

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## PAINTING ACP

Gr. 10-12	Level 4.8	1/2 Credit	Sem. 2	4M
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Painting introduces the students to the materials and techniques of watercolor, acrylic and oil painting while exploring a variety of painting surfaces and problems. Students will explore various subject matter (still life, landscape, and portrait) and will develop skill in aesthetic judgment and critical thinking through discussion and critique. Students are encouraged to express ideas, feelings, and experiences in their paintings.

Structure: Students will be required to spend 4 mods in Open Lab per cycle.

Note: Students will be required to pay an art fee of \$40.

Prerequisites: Passed Introduction to Art and Drawing

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### CERAMICS (HAND BUILDING) ACP

Gr. 10-12	Level 4.8	1/2 Credit	Sem. 1 or 2	4M
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This course introduces knowledge and techniques of working with clay. Students will experience hand building while producing functional and/or sculptural 3-dimensional art. Students will be exposed to: clay terms, historical content, aesthetics, and critique of projects. Students will also relate 3D design to the elements and principles of art. Students will create “finished” art work by completing the following process: drawing ideas, building, drying, firing, glazing, and re-firing for desired finish to express ideas and feelings.

Structure: Students will be required to spend 4 mods in Open Lab per cycle.

Note: Students will be required to pay an art fee of \$40.

Prerequisites: Passed Introduction to Art

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## **CERAMICS II (HAND BUILDING) ACP**

Gr. 10- Level 4.3 1/2 Credit Sem. 2 4M  
12

This course builds off of the basics learned in Ceramics I. Students will chose their direction in tandem with the instructor. The creative process will begin with sketches, discussions, and research. Areas of focus can be, but are not limited to working toward a cohesive body of work, larger sculptural works, etc.

Structure: Students will be required to spend 4 mods in Open Lab per cycle.

Note: Students will be required to pay an art fee of \$40.

Prerequisites: Passed Introduction to Art & Ceramics I

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## **DIGITAL PHOTOGRAPHY ACP**

Gr. 10- Level 4.3 1/2 Credit Sem. 1 4M  
12 or 2

This course will introduce students to the fundamentals of digital photography. The major areas of focus will be basic composition, camera functions and operation, lighting, and how to use Adobe Photoshop. Other areas of possible concentration will be alternative forms of photography using analog methods teamed with digital processing such as pinhole cameras and post-processing digitally. Students will be allowed to go outside to shoot some assignments. In addition to class time, there will be a required additional 3 hours per week shooting homework assignments. We will spend at least one class period per cycle reviewing student photos as a class and having the discussion of what makes a successful photo. **Required for this course is the student's own digital camera.** No phones. Acceptable cameras allow for complete manual control of shutter speed, aperture, and ISO. Digital mirrorless camera such as Fujifilm X-Series cameras, or Digital SLRs such as the Canon Rebel or Nikon D3400. Other brand names and models are acceptable, but please make sure the camera is minimum 16 megapixels. Please check with the instructor if you have any questions.

Prerequisites: Passed Introduction to Art

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## **CERAMICS (WHEEL THROWING)**

Gr. 12 Level 4.3 1/2 Credit Sem. 1 4M  
or 2

Students will have the opportunity to learn about clay and how to use the pottery wheel. Students will learn clay terms, historical content, and critique projects. Students will create “finished” art work by completing the following processes: drawing ideas, throwing, drying, firing, glazing, and re-firing for desired finish. This is an advanced course where students will have to structure their time and schedule open labs with the art teacher. This course is only open to Seniors. Students will be chosen based on previous dedication to the visual arts. There will be seven spots available each semester. Two times a cycle this class will run for 4 mods that will include lunch mods.

Structure: Students will be required to spend 4 mods in Open Lab per cycle.

Note: Students will be required to pay an art fee of \$40.

Prerequisites: Passed Introduction to Art,  
Passed Ceramics (Hand Building)

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## **CERAMICS (HAND BUILDING - SUMMER)**

Gr. Level 4.3 1/2 Credit SUMMER  
10-12

This course introduces knowledge and techniques of working with clay. Students will experience hand building while producing functional and/or sculptural 3-dimensional art. Students will be exposed to: clay terms, historical content, aesthetics, and critique of projects. Students will also relate 3D design to the elements and principles of art. Students will create “finished” art work by completing the following process: drawing ideas, building, drying, firing, glazing, and re-firing for desired finish to express ideas and feelings.

Monday – Friday June 18<sup>th</sup> – July 13<sup>th</sup> Off the week of July 4<sup>th</sup>. Class from 9 AM until 12 PM.

Prerequisites: Passed Introduction to Art

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## **INTRODUCTION TO ART (SUMMER)**

Gr. 9- Level 4.3 1/2 Credit Summer  
12

Students will work with a variety of media including: painting, drawing, and ceramics. Two-dimensional and three-dimensional projects are included. Students develop an understanding of the elements and principles of design and color exploration experienced in Visual Arts courses. This course will give students a chance to explore some of the media and techniques offered in upper level art classes as well as introduce students to the creative planning process.

Monday – Friday June 18<sup>th</sup> – July 13<sup>th</sup> Off the week of July 4<sup>th</sup>. Class from 12:30 PM until 3 PM.

## MUSIC

### **FRESHMAN CHOIR/KNIGHTINGALES**

Gr. 9	Level 4.3	1/2 Credit	Sem. 1 or 2	5M
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This course is designed for all students who are interested in acquiring the skills necessary to sing in a choir. Students learn the fundamentals of musicianship, acquire the ability to read and understand music notation, develop proper vocal technique, healthy singing practices, and rehearsal discipline. Members of Knightingales will expand their music literacy, gain appreciation for the music of other cultures, articulate connections between music and other subjects, and become life-long lovers of music. Students will present a musically proficient public performance at least once during the semester, so some outside of school time is required.

Structure: Students typically have 60 minutes of homework per cycle.

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### **MARIAN CHORISTERS**

Gr. 10-12	Level 4.3	1 Credit	FY	5M
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Marian Choristers is a performance-oriented choir where students will learn and perform music from a wide range of styles and cultures. In the classroom, students will gain proficiency in vocal technique, choral blend, sight singing, and critical listening skills. Members of Marian choristers will perform in school concerts, as well as special events, festivals, and competitions. A time commitment outside of the school day is required for these events.

Structure: Students typically have 60 minutes of homework per cycle.

Prerequisites: Teacher's Approval

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### **CIRCLE HONORS CHOIR**

Gr. 10-12	Level 4.3	1 Credit	FY	5M
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Circle Honors Choir students are looking for a challenge to their abilities. This course is designed for the advanced singer, and individual preparation of materials is mandatory. Members of Circle will analyze music structure and theory, develop strong sight-singing skills, perform music of other cultures in original languages, and become life-long lovers of music. Circle Honors Choir regularly performs at events both on and off campus including concerts, special events, liturgies, festivals, and competitions. A time commitment outside the school day, including some weekend dates, is required. Students are required to purchase the Circle dress for performances.

Structure: Students typically have 60 minutes of homework per cycle. Students will attend rehearsals during Open Labs for 2 mods per cycle.

Prerequisites: Audition and Teacher Approval

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### **CHAMBER INSTRUMENTAL MUSIC**

Gr. 9-12	Level 4.3	1 Credit	FY	5M
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Chamber Instrumental Music is an intermediate/advanced performing ensemble for students who have previous experience playing a band or orchestra instrument and the ability to read music. Students in this course will play a variety of music from pop to classical. Students will gain proficiency on their instrument, improve sight-reading and listening skills, and learn ensemble technique. Chamber will perform at school concerts in addition to other special events both within and outside the school community. A time commitment outside the school day is required for these events.

Structure: Students typically have 60 minutes of homework per cycle.

Prerequisites: Teacher Approval

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## **BEGINNING BAND**

Gr. 9-12	Level 4.3	1 Credit	FY	5M
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This course is designed for students with little to no previous playing experience on a band instrument. In this course, students will learn the fundamentals of percussion, or a standard woodwind/brass instrument (flute, oboe, clarinet, saxophone, trumpet, horn, trombone, tuba). Students will be introduced to reading music, standard musical terms and concepts, basic theory, as well as technical instruction on their particular instrument. Smart Music technology is used to enhance student progress and to tailor practice assignments to each student's level of ability. The Beginning Band Class will perform at both the Christmas and Spring Concerts. Upon completion of this course, students will be prepared to join Chamber Instrumental Ensemble. Students must provide their own instrument.

Structure: Students typically have 90 minutes of homework per cycle.

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## **BEGINNING STRINGS**

Gr. 9-12	Level 4.3	1 Credit	FY	5M
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This course is designed for students with little to no previous playing experience on a stringed instrument. In this course, students will learn the fundamentals of their chosen orchestral stringed instrument (violin, viola, cello, bass). Students will be introduced to reading music, standard musical terms and concepts, basic theory, as well as technical instruction on their particular instrument. Smart Music technology is used to enhance student progress and to tailor practice assignments to each student's level of ability. The Beginning Strings Class will perform at both the Christmas and Spring Concerts. Upon completion of this course, students will be prepared to join Chamber Instrumental Ensemble. Students must provide their own instrument.

Structure: Students typically have 90 minutes of homework per cycle.

## **PIANO**

Gr. 9-12	Level 4.3	1/2 Credit	Sem. 1 or 2	4M
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Piano class introduces the student to the fundamentals of keyboard technique and music theory. Students learn to read music notation, develop proper posture and fingering, and cultivate the means for musical self-expression. Students learn music from a wide range of styles. This course is designed as a "flipped class", and students will be moving at their own pace while keeping up with a "pacing guide". As a result, students will be at different levels of mastery in their musical journey, and assignments will be differentiated based on student ability level. Students can continue their piano skills by taking piano for a total of two semesters while attending IWA.

Structure: This course requires two mods of open lab per cycle. Students typically have 60 minutes of homework per cycle.

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## **BEGINNING GUITAR**

Gr. 9-12	Level 4.3	1/2 Credit	Sem. 1 or 2	4M
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This course introduces the student to the fundamentals of the guitar. Topics include: tuning, guitar maintenance, fingering chords, single-note picking and reading guitar tablature. Students learn music from a wide range of styles, including that of their own personal interests. Guitar students will cultivate a sense of musical aptitude, develop an understanding of musical genres, articulate connections between music and other subjects, and become life-long lovers of music. Students are required to bring an acoustic guitar (steel or nylon string) in good condition. Please note: This is an introductory class. It is NOT recommended for students having six months or more previous guitar instruction.

Structure: This course has two mods of open lab required per cycle. Students typically have 90 minutes of homework per cycle.

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## **GUITAR II**

Gr. 9-12	Level 4.3	1/2 Credit	Sem. 1 or 2	4M
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This course is designed for students who have either completed Beginning Guitar or who have previous experience playing the guitar. They will learn new chords, notes, and additional accompaniment techniques, using both pick and fingerstyle approaches to the guitar. Students will further their study of music fundamentals, performance, and improvisation, while improving their reading of both standard music notation and tablature. Students must provide their own acoustic guitar. Guitar 2 is a performance-based course and students will perform as a class at the end-of-the-semester school concert.

Structure: This course has two mods of open lab required per cycle. Students typically have 90 minutes of homework per cycle.

Prerequisites: Guitar I or Audition

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## **MY TUNES (Non-Performance Class)**

Gr. 9-12	Level 4.3	1/2 Credit	Sem. 1 or 2	5M
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This course is a history of pop/rock music in America, exploring its roots in music such as spirituals and the blues, and continuing until the present. The trends in American popular music will be studied in relation to other cultural and historical events. Students in this course will develop an understanding of music's influence upon American society, discuss how cultural and social elements are reflected in music, and explore the changing styles of pop music throughout various decades.

Structure: Students typically have 90 minutes of homework per cycle.

## DRAMA

### DRAMA-PERFORMANCE

Gr. 9-12	Level 4.3	1/2 Credit	Sem. 1 or 2	5M
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Students will explore: improvisation, script analysis, monologues, vocal production, stage combat, creative movement and duet scene work.

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### DRAMA-TECH

Gr. 10-12	Level 4.3	1/2 Credit	Sem. 1 or 2	5M
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Students will study basic set construction, painting techniques, and lighting design. They will participate in the construction and painting of scenic elements for current productions. Google Sketch-Up will be used to design set models.

Note: Students will be required to spend a minimum of 25 mods in Open Lab during the semester. Students will also be required to pay a drama-tech fee of \$25.

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### ACTING AND DIRECTING - ACP

Gr. 10-12	Level 4.8	1/2 Credit	Sem. 1 or 2	5M
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#### **UMSL COURSE: THEATR 1210**

Students will spend the first quarter focusing on directing and the second quarter on acting. This course includes more advanced training in the skills of analysis and characterization for the student actor. The first quarter will focus on script analysis, creating pictures and bringing characters to life through the different disciplines of directing. These skills will be developed through monologues and scene work. Improvisation, vocal and physical work, dialects, scriptwriting, ensemble training, Meisner and Shakespeare will be explored throughout the first quarter.

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## THEATER PRODUCTION

Gr. 11-12	Level 4.3	1/2 Credit	Sem. 2	5M
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Students will study the following elements of play production: script analysis, set/lighting/sound/costume & make-up design, stage management and theatre business. Final projects include: play production, set models, light and sound plots, or costume and makeup designs. Students will use Google Sketch-Up to design sets.

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## DANCE

### BEGINNING TAP DANCE

Gr. 9-12	Level 4.3	1/2 Credit	Sem. 1 or 2	5M
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A course designed for students interested in learning the basic techniques of tap dance. **No previous experience required.** Students will explore rhythmic concepts through improvisational activities, develop a basic tap dance vocabulary, master beginning-level tap skills and build a personal performance quality. **Tap shoes must be purchased for this course.**

This may be a Fine Arts credit or a PE credit.

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### INTERMEDIATE TAP DANCE

Gr. 9-12	Level 4.3	1/2 Credit	Sem. 2	5M
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Content: A course designed for students who have a basic knowledge of tap dance technique and wish to learn more advanced and complex steps and routines. Students will continue to explore rhythmic concepts through improvisational activities, movement exercises and informal performances. Intermediate-level tap dance vocabulary and technique skills will be taught. **Tap shoes must be purchased for this course.**

This may be a Fine Arts credit or a PE credit.

Prerequisites: Beginning Tap Dance or Audition

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## BROADWAY DANCE

Gr. 9-12	Level 4.3	1/2 Credit	Sem. 1 or 2	5M
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A course designed for students interested in learning the basic techniques of various styles of dance such as jazz and ballet. **No prior experience is required.** Students will explore movement and performance by studying several famous Broadway musicals such as *Footloose*, *Dreamgirls*, *Chicago*, and *Hairspray*. Class content will include warm-up exercises, traveling combinations and choreographed routines. **Jazz shoes must be purchased for this course.**

This may be a Fine Arts credit or a PE credit.

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## DANCE AEROBICS

Gr. 11-12	Level 4.3	1/2 Credit	Sem. 1 or 2	5M
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A course designed for students interested in dance and fitness. **No prior experience is required.** Students will learn basic dance skills, aerobic exercises, and choreographed dance routines. Additional concepts will include: body awareness, posture and alignment, rhythm and musicality, flexibility, and muscle strength.

This may be a Fine Arts credit or a PE credit.

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## **ADVANCED DANCE TECHNIQUE**

Gr. 9-12 Level 4.3 1/2 Credit Sem. 1 or 2 5M

A course designed for the serious and experienced dancer who wants to enhance her dance technique. Class will include: barre work, center and traveling exercises, and choreographed movement combinations. A performance opportunity (on or off campus) will be scheduled and additional time outside of the school day will be required. **Ballet or jazz shoes must be purchased in order to take the course.**

This may be a Fine Arts credit or a PE credit.

Prerequisites: Teacher Approval, or Audition.

## **DANCE CHOREOGRAPHY & PERFORMANCE**

Gr. 11-12 Level 4.3 1/2 Credit Sem. 2 5M

This course is designed for intermediate and advanced dance students who wish to explore the art of dance composition and design. Choreographic elements will be taught through lectures, demonstrations, improvisational exercises, movement studies and performance reviews and critiques. Each student will demonstrate their knowledge of these elements by choreographing a dance routine and assisting in the development of all technical, theatrical and performance aspects such as: musical accompaniment, casting, costuming, lighting and staging. Each student will debut her work in the Spring Dance Showcase at the end of the semester. **Additional time outside of the school day is required.**

This may be a fine arts credit or a PE credit.

Prerequisites: Teacher Approval

## **MIND AND BODY CONDITIONING**

Gr. 10-12 Level 4.3 1/2 Credit Sem. 1 or 2 5M

A course designed for students interested in enhancing their core strength, agility and flexibility. Conditioning routines will include: Yoga poses, Pilates mat exercises, Foam Roller exercises and, dance firming and toning exercises. Students will also develop an awareness of their mind/body connection, posture/alignment and core strength/balance. **No prior dance experience is required.**

This may be a fine arts credit or a PE credit.

Note: Students may only take each course once, and may take only one physical education course per semester. Students may only take each Dance course once regardless if taken for Fine Arts or PE credit.

## HEALTH

Gr. 9 Level 4.3 1/2 Credit Sem. 1 5M  
or 2

Health is a course that could be thought of as a life management class, as an emphasis will be placed on how decisions, actions, and lifestyle choices during teen years can affect a person's adult life. Topics to be covered include: a healthy foundation, mental and emotional health, the skeletal, muscular and integumentary systems, the cardiovascular, respiratory, and digestive systems, the reproductive system, drugs and alcohol, and overall nutrition.

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## SOPHOMORE PHYSICAL EDUCATION

Gr. 10 Level 4.3 1/2 Credit Sem. 1 5M  
or 2

Students participate in a variety of sports and games as well as fitness related activities. Fundamental skills, rules, and sportsmanship are emphasized.

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## FIRST AID AND NUTRITION

Gr. 11- Level 4.3 1/2 Credit Sem. 1 5M  
12 or 2

This course consists of one quarter of first aid & CPR and one quarter of nutrition. The First Aid portion of this course meets American Heart Association guidelines and certification is available in First Aid and Adult, Child and Infant CPR/AED. In the Nutrition portion of this course students will focus on their eating habits and nutritional concerns.

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## RECREATIONAL/TEAM SPORTS

Gr. 11- Level 4.3 1/2 Credit Sem. 1 5M  
12

In this course students will participate in team sports that are commonly played for recreation. Student interest will be considered in choosing activities.

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## NET SPORTS

Gr. 11- Level 4.3 1/2 Credit Sem. 1 5M  
12 or 2

Students participate in four net sports: pickleball, badminton, tennis, and volleyball. Fundamental skills, rules, strategy, and etiquette are incorporated in this course.

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## STRENGTH TRAINING

Gr. 11- Level 4.3 1/2 Credit Sem. 1 5M  
12 or 2

Students work to improve their total body condition and strength through weight training. Each student's current levels of strength are assessed, and progress is measured throughout the semester. Goal-setting and full-body workout design are key components of this course.

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## BEGINNING TAP DANCE

Gr. 9- Level 4.3 1/2 Credit Sem. 1 5M  
12 or 2

A course designed for students interested in learning the basic techniques of tap dance. **No previous experience required.** Students will explore rhythmic concepts through improvisational activities, develop a basic tap dance vocabulary, master beginning-level tap skills and build personal performance quality. **Tap shoes must be purchased for this course.**

This may be a Fine Arts credit or a PE credit.

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## **INTERMEDIATE TAP DANCE**

Gr. 9-12 Level 4.3 1/2 Credit Sem. 2 5M

A course designed for students who have a basic knowledge of tap dance technique and wish to learn more advanced and complex steps and routines. Students will continue to explore rhythmic concepts through improvisational activities, movement exercises and informal performances. Intermediate-level tap dance vocabulary and technique skills will be taught. **Tap shoes must be purchased for this course.**

This may be a Fine Arts credit or a PE credit.

Prerequisites: Beginning Tap Dance or Audition

## **BROADWAY DANCE**

Gr. 9-12 Level 4.3 1/2 Credit Sem. 1 or 2 5M

A course designed for students interested in learning the basic techniques of various styles of dance such as jazz and ballet. **No prior experience is required.** Students will explore movement and performance by studying several famous Broadway musicals such as *Footloose*, *Dreamgirls*, *Chicago*, and *Hairspray*. Class content will include warm-up exercises, traveling combinations and choreographed routines. **Jazz shoes must be purchased for this course.**

This may be a Fine Arts credit or a PE credit.

## **DANCE AEROBICS**

Gr. 11-12 Level 4.3 1/2 Credit Sem. 1 or 2 5M

A course designed for students interested in dance and fitness. **No prior experience is required.** Students will learn the benefits of cardio exercise while being introduced to various styles of dance. Additional concepts will include: posture and alignment, rhythm and musicality, flexibility and muscle strength.

This may be a Fine Arts credit or a PE credit.

## **ADVANCED DANCE TECHNIQUE**

Gr. 9-12 Level 4.3 1/2 Credit Sem. 1 or 2 5M

A course designed for the serious and experienced dancer who wants to enhance her dance technique. Class will include: barre work, center and traveling exercises, and choreographed movement combinations. A performance opportunity (on or off campus) will be scheduled and additional time outside of the school day will be required. **Ballet or jazz shoes must be purchased in order to take the course.**

This may be a Fine Arts credit or a PE credit.

Prerequisites: Teacher Approval, or Audition.

## **DANCE CHOREOGRAPHY & PERFORMANCE**

Gr. 11-12 Level 4.3 1/2 Credit Sem. 2 5M

This course is designed for intermediate and advanced dance students who wish to explore the art of dance composition and design. Choreographic elements will be taught through lectures, demonstrations, improvisational exercises, movement studies and performance reviews and critiques. Each student will demonstrate their knowledge of these elements by choreographing a dance routine and assisting in the development of all technical, theatrical and performance aspects such as: musical accompaniment, casting, costuming, lighting and staging. Each student will debut her work in the Spring Dance Showcase at the end of the semester. **Additional time outside of the school day is required.**

This may be a Fine Arts credit or a PE credit.

Prerequisites: Teacher Approval

## **MIND AND BODY CONDITIONING**

Gr. 10- 12 Level 4.3 1/2 Credit Sem. 1 or 2 5M

A course designed for students interested in enhancing their core strength, agility and flexibility. Conditioning routines will include: Yoga poses, Pilates mat exercises, Foam Roller exercises and, dance firming and toning exercises. Students will also develop an awareness of their mind/body connection, posture/alignment and core strength/balance. **No prior dance experience is required.**

This may be a fine arts credit or a PE credit.

Note: Students may only take each course once, and may take only one physical education course per semester. Students may only take each Dance course once regardless if taken for Fine Arts or PE credit.

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## **GUIDANCE**

### **IWA 101**

Gr. 9 Pass/Fail 1/4 Credit Sem. 1 1M

Freshman Seminar will cover: how to use the network, how to use school email, and how to use the programs available at school. Students will also learn email etiquette, basic outlining and note taking, and website evaluation.

Students will also participate in self-exploration activities including goal setting and self-reflection to help them be successful at IWA.

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### **SOPHOMORE GUIDANCE**

Gr. 10 Pass/Fail 1/8 Credit Sem. 2 1M

Sophomore Guidance functions as an integral part of the Leadership curriculum at IWA.

Students work on growing their self-introspection skills, study the characteristics of leaders, and strengthen these characteristics within themselves through music, media, and active learning.

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## **JUNIOR GUIDANCE**

Gr. 11 Pass/Fail 1/8 Credit FY 1M

The first semester of Junior Guidance will serve as an introduction into college research and planning, as well as an in depth ACT preparatory program. Both components will aid students in taking the steps to be successful in the next phase of their lives, after graduation from IWA.

The second semester of Junior Guidance will serve as an introduction to career research and preparation. Students will have the opportunity to take several inventories and assessments and use the results from these assessments to begin career decision making. Students will also be introduced to job seeking skills, such as resume writing, interview skills, and informational interviewing. This preparation will lead the students to the summative activity, informational interviewing and a job shadowing experience for each student.

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## **SPEECH COMMUNICATIONS**

Gr. 9-12	Level 4.3	1/2 Credit	Sem. 1 or 2	5M
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Speech Communication is a course that focuses on the many facets of communication including: public speaking, inter/intra personal communication, professional interviews, group discussion, oral interpretation of literature. Students will complete in-class presentations throughout the semester.

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## **PERSONAL FINANCE**

Gr. 11-12	Level 4.3	1/2 Credit	Sem. 1 or 2	5M
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This course is based on the Missouri Personal Finance Competencies and presents essential knowledge and skills to make informed decisions about real world financial issues. Students will learn how choices influence occupational options and future earning potential. Students will create spending goals, personal budgets, and evaluate their current use of money. Development of credit, the importance of maintaining a strong credit score, and how that credit score will be used, as well as the topics of consumer protection, banking, saving, and investing will be included.

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## **OTHER ELECTIVES**

### **YEARBOOK**

Gr. 9-12	Level 4.3	1/2 Credit	FY	3M
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Yearbook is an elective practical arts course teaches skills involved with producing the annual school yearbook. Areas covered with teaching modules are: photography, layout and design, specific computer software, timelines and deadlines. Students receive an actual grade for the class based on their performance on assignments, laying out their pages, and meeting deadlines. The class is open to students of all class levels. The time commitment to yearbook exceeds the scheduled class periods. Each member of the yearbook class is asked to photograph various school activities and sporting events. Most of the yearbook's computerized layouts are completed during Open Labs. The class can be taken for more than two semesters and is encouraged when students make the commitment to producing the annual publication. **Yearbook does not replace the required practical arts courses at IWA.**

Note: Students are required to pay a \$25 class fee for the year, which covers costs associated with a customized cover or endsheets.

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## **VIDEO PRODUCTION AND BROADCAST**

Gr. 10- Level 4.3 1 Credit FY 5M  
12

Video Production and Broadcast is an elective course that allows the student to learn essential life skills in communication, responsibility, and producing video broadcasts in a collaborative work environment. Areas covered with teaching modules are: videography, layout, storyboards, and design, specific computer software, timelines and deadlines, and broadcast communication. This class is open to 15 students per semester. Each member of the production team is asked to video and conduct interviews at sporting and other special events at Incarnate Word Academy, produce, edit and anchor broadcasts. Most of this course's video production is completed during class and open labs. This class can be taken more than one year.

Notes: Students will be required to spend a minimum of 25 mods in Open Lab during the semester. There is also \$25.00 fee which covers production costs for the year.

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## **LEADERSHIP CLASS**

Gr. 11- Level 4.3 1/2 Credit Sem. 1 4M  
12 or 2

This course provides an opportunity to study, practice, and develop group and individual leadership and organizational skills. These skills include, but are not limited to the following topics or areas: leadership roles, group dynamics, civic engagement, goal setting, team building, decision making, project planning and problem solving.

Students enrolled will actively apply these skills through the hands-on approach needed to successfully develop project planning to full implementation. Students will apply the skills from the course in problem solving with peers, school administration and the broader community.

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## **HONORS LEADERSHIP IN ACTION ACP**

Gr. 12 Level 4.8 1/2 Credit Sem. 1 5M

### **DRURY COURSE: PDEV 289**

This course provides an opportunity to study, practice, and develop group and individual leadership and organizational skills. These skills include, but are not limited to the following topics or areas: leadership roles, group dynamics, civic engagement, goal setting, team building, decision making, project planning and problem solving.

Students enrolled will actively apply these skills through the hands-on approach needed to successfully develop project planning to full implementation. Students will apply the skills from the course in problem solving with peers, school administration and the broader community.

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## **ACT PREPARATION**

Gr. 10- Level 4.3 1/2 Credit Summer  
12

*This summer course, never before offered at Incarnate Word Academy, **has** a full-length curriculum, covering all sections of the ACT (English, Math, Reading, and Science) in sufficient depth to foster understanding and mastery. In completing this course, students will develop the skills that will be critical on test day, rather than adopting merely the tips and tricks that rarely nurture better performance.*

*In participating in this course, students will complete over 1,000 questions and, more importantly, understand how those questions are efficiently solved. Students will also complete a full-length diagnostic ACT as well as multiple diagnostic sections to check understanding and mastery.*

*The course schedule is to be determined, but will meet twice a week during the entire summer, with a week off for Fourth of July.*