

Harrison High School



Department
Curriculum
Programs

Harrison High School Art Classes

All art classes are one semester

Introduction to Art*

(9th – 12th grades)

* **Introduction to Art** is a prerequisite for all other art classes. Students must successfully complete Introduction to Art before taking Ceramics I, Digital Photography I, Drawing/Painting I, Explorations of 2-D to 3-D Art, or Jewelry I.

Ceramics I

(9th – 12th grades)

Advanced Ceramics

(9th – 12th grades)

Digital Photography I

(9th – 12th grades)

Advanced Photography

(9th – 12th grades)

Drawing/Painting I

(9th – 12th grades)

Advanced Drawing/Painting

(9th – 12th grades)

Explorations of 2-D to 3-D Art

(9th – 12th grades)

Advanced Explorations of 2-D to 3-D Art

(9th – 12th grades)

Jewelry I

(9th – 12th grades)

Advanced Jewelry

(9th – 12th grades)

Students can elect to repeat advanced classes each semester; students will complete projects and receive credit for each sequential level (for instance, a student in Ceramics 5 will sign up for Ceramics I and then Advanced Ceramics four times). Also, students may choose to take more than one art class during the same semester.

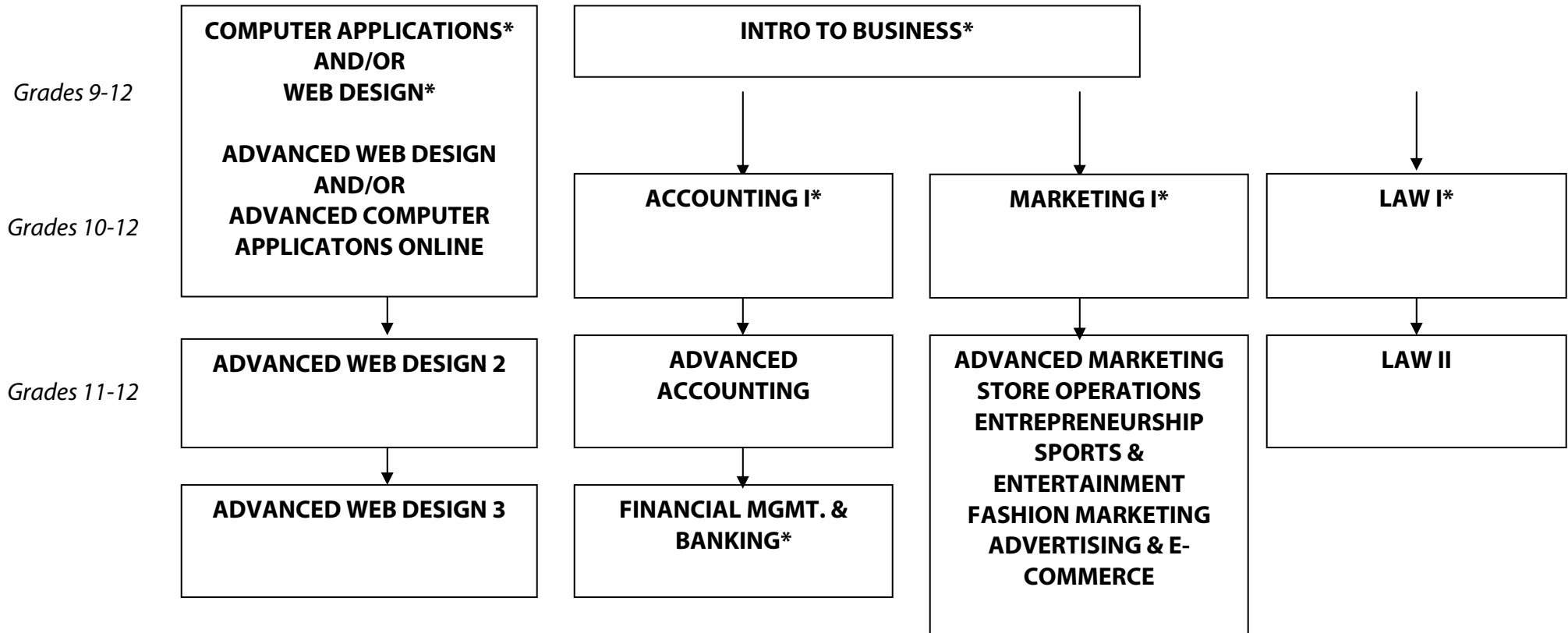
Art Club

Students interested in working in depth and exploring art media of personal interest with guidance are welcome to participate in Harrison's Art Club. Students are currently involved in creating plans and painting themed murals throughout the school.

The Looking Glass

The Looking Glass is Harrison's annual publication of student poetry, prose, and art. Students involved in The Looking Glass meet weekly to promote, fundraise, collect, edit, and compile original work for a literary magazine that showcases Harrison's most creative writers and artists.

HARRISON HIGH SCHOOL BUSINESS DEPARTMENT FLOW CHART



- * = indicates classes with no prerequisites.
- College Credits are available for any student earning a B or above in Computer Applications, Advanced Computer Applications Online, Entrepreneurship, Web Design, and Advanced Web Design
- All business classes (Except Marketing I, Advanced Marketing, and Accounting) are one trimester long courses of study; Marketing I, Advanced Marketing, and Accounting are two trimesters in length.
- Students may enroll in Financial Mgmt. & Banking as sophomores with Accounting as a prerequisite or instructor approval.
- If you have any questions, please see Mr. Grzegorzczuk in room 383, Mr. Wolschleger in room 389, or Ms. Rogers in room 215.

Harrison High School

Plan of Study for English Classes

<u>Year</u>	<u>Required Classes</u>	<u>Additional Classes</u>
Freshman Year	English 9 Honors English 9 Transitional English I	<i>Journalism I</i> <i>Public Speaking</i> <i>Beginning Acting</i> <i>Creative Writing</i>
		} only after successful completion of English 9 A&B
Sophomore Year	English 10 (American Literature) Honors English 10 Transitional English II	Same as above
Junior Year	English 11 (World Literature) OR Advanced Placement English (Lang/Comp)	All of the above AND: <i>Advanced Journalism</i> <i>African-American Literature</i> <i>Shakespeare/British Literature</i> <i>Philosophy</i> <i>Advanced Acting</i> <i>Essay Writing</i> <i>Minority Voices</i> <i>Human Resources: Readings & Writings in Philanthropy</i> <i>Yearbook</i>
Senior Year	English 12* OR Advanced Placement English (Lit/Comp)	All of the above

*Option 1: Essay Writing or Human Resources: Readings & Writings in Philanthropy AND one of the following: African American Literature, Minority Voices, Novels, British Literature/Shakespeare, AP Language, AP Literature
 Option2: AP Language AND AP Literature

Note: Classes in italics are only one trimester; all others are two

Harrison High School

Engineering Design Technology Classes

Intro to Engineering and Architecture
(9th-12th grades) No Pre Req.

Intro To Animation
(9th-12th grades)
No Pre Req.

Interior Design
(9th-12th grades)
No Pre Req.

Computer-Aided Design I
(9th-12th grades)
Pre Req. Intro Eng. Arch.

Design and Engineering
(9th-12th grades)
Pre Req. Intro Eng. Arch. & CAD I

Engineering and Inventions
(9th-12th grades)
Pre Req. CAD I

Engineering Technology
(10th-12th grades)
Pre Req. Intro Eng. Arch. & CAD I







Architectural Drawing
(9th-12th grades)
Pre Req. Intro Eng. Arch.

Adv. Architectural Drawing
(10th-12th grades)
Pre Req. Architectural Drawing

Architectural Design
(11th-12th grades)
Pre Req. Intro Eng. Arch.

If you have any questions please contact Mr. Stuef at 248-426-4728 or e-mail James.stuef@farmington.k12.mi.us.

Life Management Course Offerings

Freshman (9th. Grade)	Sophomore (10th Grade)	Junior (11th Grade)	Senior (12th Grade)	
Teen Issues This course may be taken any time throughout the first three years. Topics that are serious issues for today's teens are discussed.				
Foods and Nutrition This course can be taken any time throughout your four years. Nutrition is emphasized and students complete a personal nutrition analysis. Food preparation included.				
	*Child Development 1 Study of parenting and children; prenatal to age 1. Real Care Baby simulation required. Up to 2 College Credits may be earned for each of these classes. See teacher or your counselor for more information.			
		*Child Development 2 (pre-req. CD 1) Emphasis on the Pre-school age child. Up to 12 hours of pre-school internship included.		
		*Childhood Education Seminar (pre-req. CD 1 & recommendation) Advanced work similar to Student Teaching.		
	Family Sociology This course may be taken any time Junior and Senior years. Students study their family of origin as well as their future family.			
	*Medical Skills IA & IB Learn basic patient care skills, anatomy and physiology, infection control principles, basic first aid and CPR skills			
				*Medical Skills Medical Terminology Learn the language of medicine in this course. It will put you one step ahead of your peers when entering a health care profession. *Medical Skills Field Study Apply classroom knowledge to the real-world setting at a local health care facility. Must be taken concurrently with Medical Terminology. *Medical Skills Emergency Response Learn advanced CPR and first aid skills for victims of sudden illness, accident or injury.

***Child Development and Medical Skills courses may earn you college credit through our Tech Prep Program.** See teacher for details.

Harrison High School Math Sequence

Standard Sequence

9th Grade - Algebra 1A, B and C

10th Grade - Geometry A and B

11th Grade - Algebra 2A, B, C **OR** Intermediate Algebra 2A, B, C (D taken in 12th grade)

12th Grade - Pre-Cal. A & B **OR** Interm. Alg. 2D **OR** Probability & Statistics **OR** AP Stats A & B

*All students must take a statistics class at some point **EXCEPT** Interm. Alg. 2 students.

Honors Sequence

8th Grade - Algebra 1A, B, C

9th Grade - Honors Geometry A and B

10th Grade - Honors Algebra 2A and B

11th Grade - Honors Pre-Calculus A and B

12th Grade - AP Calculus AB **OR** AP Calculus BC **OR** AP Stats A and B

*All students must take a statistics class at some point **EXCEPT** Interm. Alg. 2 students.

Alternative Sequence #1

8th Grade - Algebra 1A, B, C

9th Grade - Geometry A and B

10th Grade - Algebra 2A, B and C

11th Grade - Pre-Calculus A and B

12th Grade - Calculus **OR** AP Calculus AB **OR** AP Stats A & B **OR** Probability and Statistics

*All students must take a statistics class at some point **EXCEPT** Interm. Alg. 2 students.

Alternative Sequence #2 (Rare)

9th Grade - Algebra 1A, B, C

10th Grade - Geometry A and B & Algebra 2A, B and C

11th Grade - Pre-Calculus A and B

12th Grade - Calculus **OR** AP Calculus AB **OR** AP Stats A and B **OR** Probability and Statistics

*All students must take a statistics class at some point **EXCEPT** Interm. Alg. 2 students.

MUSIC DEPARTMENT AT HHS

There's a group for everyone...

Curricular

Bands

Concert Band (9th)

Concert Winds (10-12)

Symphony Band (10-12 by audition)

Percussion class—all percussionists in band

Orchestras

Concert Orchestra (9-12)

Symphony Orchestra (10-12 by audition)

Full Orchestra (combined strings)

Choirs

Mixed Chorus (9-12)

Concert Choir (by audition)

Other Choices

Music Theory I/II (10-12)

Piano Keyboarding I/II (10-12)

Auditorium Technology I/II/III/IV

Extra-Curricular

Marching

Marching Band - Color Guard - Drum Line

Winter Line - Winter Guard

Jazz

Club Jazz - Jazz Ensemble

Ensembles

Farmington United Percussion Ensemble

Harrison Fiddlers

Pit Orchestra

**If I'm not already in a music ensemble,
how do I get involved?**

If you used to sing or play an instrument and would like to play again, come talk to us. We'll help you figure out which class is appropriate.

**I'd like to take a music class, but I don't
sing or play a musical instrument. What
are my options?**

1. **Music Theory I/II.** These classes help you learn how music is constructed melodically and harmonically. If you've always wanted to be able to compose your own music, these classes will give you the tools. Music Theory is also a good choice for students who would like to pursue a career in music.
 - a. Music Theory I provides a solid foundation in the basic building blocks of music.
 - b. Music Theory II goes into greater depth with composition, form and analysis and will also prepare you to take the AP Music Theory Exam.

You can choose to take Music Theory I during 1st trimester or you can choose to take Music Theory I/II for two. *Prior music experience or approval of the instructor is required.*

2. **Piano Keyboarding I/II.** These classes will teach you how to read music and to play the piano.
 - a. Piano Keyboarding I is for the beginning student with little or no prior experience.
 - b. Piano Keyboarding II is for students who have completed Piano I or students with basic piano skills.
 - c.
Mr. Schroeder—choir, orchestra, band, piano,
Mr. Yoder—band, orchestra, marching band, auditorium
Mrs. Babcock—band, orchestra, music theory, jazz

PHYSICAL EDUCATION
Class Offerings
1.5 Credit Hour Requirement

Required (Pre-requisite) Freshman Courses

Health - One term (.5 credit hours);
Introduction to P.E. - One term (.5 credit hours)



P.E. Electives- Grades 10-12



- **Advanced Swimming and Lifeguard Training** (One Term/ .5 credit) will teach advanced swimmers to be rescuers: the class will include lifeguard training, CPR, and First Aid. *Instructor signature required.*

- **Individual Sports** (One Term/ .5 credit) will focus on skill development and competition in sports, including but not limited to, tennis, racquetball, golf, and bowling.
- **Personal Fitness** (One Term/ .5 credit) will focus on the student developing and reaching fitness goals specific to his/her needs. It will include weights and conditioning, as well as, aerobic activity to improve cardiovascular health.



- **Team Sports** (One Term/ .5 credit) will offer the opportunity for beginning and advanced students to learn and compete in various sports in the form of games, matches, and tournaments.
- **Athletic Conditioning** (One Term/ .5 credit) includes physical conditioning activities related to various sports programs. Athletes, currently on the roster for any of the Harrison High School athletic programs, may select the Athletic Conditioning class offered during the term of your athletic season. *Instructor signature required.*



- **Adv. Athletic Conditioning** (One Term/ .5 credit) includes physical conditioning activities related to football. The class is available to athletes currently on the roster for Harrison High School football.

Dance is available to 9th graders. Experienced dancers (all grades) may audition for placement in a higher-level dance class. Dance fulfills graduation requirements for Physical Education and Fine Arts.



All dance classes require participation in a dance concert.

- **Beginning Dance 1 - 2** (Two Terms/ 1 credit) introduces basic vocabulary and execution of fundamental movements specific to ballet and modern dance.
- **Intermediate Dance 3** (Three Terms/ 1.5 credits) emphasizes intermediate performance skills, academic concepts and composition (learning how to make dances) beyond the dance 1 and 2 levels. **Repeatable course.**
- **Advanced Dance 4** (Three Terms/ 1.5 credits) is Dance Company: a performance-oriented class for intermediate and advanced dancers. This class engages the student in intense choreographic and performance experiences, and advanced-level technique. The students participate in State and National festivals, community performances, formal and informal concerts. **Repeatable course.** (Entry into HDC is by audition only.)



Science Sequences:

Graduation requirements:

3 years Science (3 credits)

- 2 terms Biology (1 credit)
- 2 terms Chemistry (Chemistry or Accelerated Chemistry, 1 credit)
- 1 term Earth Science Essentials (0.5 credit)
- 1 term Physics (Physics Essentials, Physics, or Accelerated Physics, 0.5 credit)

The Michigan Merit Exam (MME) is taken in the spring of the junior year.

Sample "Common" Course Sequences: (Your sequence may vary from these.)

Grade	College Prep (Science/Engineering Major) Sequence (Highest level)
9	Biology A and B (2 terms) Earth Science Essentials (1 term, may be taken 9 th or 10 th grade)
10	Accelerated Chemistry A and B (2 terms) Earth Science Essentials (1 term, may be taken 9 th or 10 th grade)
11	Accelerated Physics A and B (2 terms, recommended: terms 1 and 2 [prior to MME]) Science electives available (see below)
12	Science electives available (see below)

{If you plan to take AP Science courses you should be in the above sequence.}

Grade	College Prep (Nonscience Major) Sequence (Average level)
9	Biology A and B (2 terms) Earth Science Essentials (1 term, may be taken 9 th or 10 th grade)
10	Chemistry A and B (2 terms) Earth Science Essentials (1 term, may be taken 9 th or 10 th grade)
11	Physics A and B (2 terms, recommended: terms 1 and 2 [prior to MME]) Science electives available (see below)
12	Science electives available (see below)

Grade	College Prep (Nonscience Major) Sequence (Lowest level)
9	Earth Science Essentials (1 term) Physics Essentials (1 term)
10	Biology A and B (2 terms)
11	Chemistry A and B (2 terms, recommended: terms 1 and 2 [prior to MME]) Science electives available (see below)
12	Physics A and B (2 terms) (optional – college prep) Science electives available (see below)

- 11th and 12th grade elective offerings [These may vary some each year.]
 - Anatomy & Physiology (1 term)
 - Astronomy (1 term)
 - Forensic Science (1 term)
 - Principles of Weather & Climate (1 term)
 - ZOO-ology (1 term)
 - AP Biology, AP Chemistry, AP Physics, AP Environmental Science (each is 3 consecutive terms except for AP Env. Science is 2 consecutive terms)

Harrison High School Social Studies Department

**Farmington Public Schools Social Studies Graduation requirement:
6 trimesters (3 credits) of specified courses.**

Required Courses:

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Civics: .5 credit Economics: .5 credit	U.S. History-1900-1945: .5 credit U.S. History 1945-present: .5 credit OR AP US History	World History A- .5 credit World History B- .5 credit OR AP World History	No required courses, electives are available (see below)

Elective Courses:

AP European History (1 credit) AP Macroeconomics ** AP Microeconomics ** AP Psychology (1 credit) AP U.S. Government AP Comparative Governments AP U.S. History (1 credit)** International Affairs Psychology I Psychology II Sociology World Religions World War II

**open to 10th grade with teacher's recommendation,
all other electives open to 11th and 12th grade.

Sample Outline for 4 Years

Freshman Year

Major Concepts-Civics

Major Concepts-Economics

Sophomore Year

U.S. History 1900-1945

U.S. History 1945-present OR AP US History

Junior Year

World History A

World History B or electives OR AP World History

Senior Year

Electives

WORLD LANGUAGES

HARRISON HIGH SCHOOL

Farmington Public Schools suggested course of study is at least two consecutive years of the same language. This two year suggestion will become a graduation requirement beginning with the incoming freshmen in the 2012 school year.

9 th Grade	10 th Grade	11 th Grade	12 th Grade
<i>*Arabic 1</i> French 1 or 2 <i>*German 1</i> Japanese 1 Spanish 1 or 2	<i>Arabic 1 or 2</i> French 1 → 3 <i>German 1 or 2</i> Japanese 1 or 2 Spanish 1 → 3	<i>Arabic 1 or 2</i> French 1 → 4 <i>German 1 → 3</i> Japanese 1 → 3 Spanish 1 → 4	<i>Arabic 1 or 2</i> French 1 → AP5 <i>German 1 → 4</i> Japanese 1 → 4 Spanish 1 → AP5

- Incoming freshmen who have successfully completed level 1 of French or Spanish in middle school are to be enrolled in level 2 when continuing their language study at the high school.
- **Arabic and German are not currently offered at Harrison. German is offered at NFHS and FHS, while Arabic is being taught at NFHS. Future offerings of these courses will depend upon sufficient student enrollment.*
- Upper level courses are offered when there is sufficient student interest to run the course.

Farmington Public Schools Graduation Chart: Class of 2011 and Beyond

1. All students must complete a minimum of 28 credits. One-half credit is earned for each term of course work.
2. Students must complete all the required classes for graduation and earn 28 credits in order to participate in commencement.
3. Twelve terms of attendance in grades 9-12 are recommended.
4. It is expected that all students will take five courses each term.
5. Minimum credits toward graduation requirements must be earned in the following courses:
English – 4 credits <ul style="list-style-type: none"> ▪ 1 credit English 9 ▪ 1 credit English 10 – American Literature ▪ 1 credit English 11 – World Literature (or AP Language or Literature) ▪ 1 credit English 12 -- .5 Essay Writing and .5 Literature (Novels, Readings & Writings in Philanthropy, Shakespeare/British Lit, African American Lit, Minority Voices, or 1.0 credit of AP Language or Literature)
Mathematics – 4 credits <ul style="list-style-type: none"> ▪ 1 credit Algebra 1 ▪ 1 credit Geometry ▪ 1 credit Algebra 2 & .5 Statistics or 2 credits of Intermediate Algebra 2 ▪ 1 credit of elective math (at least .5 during final year of high school)
Science – 3 credits <ul style="list-style-type: none"> ▪ 1 credit Biology ▪ 1 credit Chemistry ▪ .5 credit Earth Science (completion recommended by end of 10th grade) ▪ .5 credit Physics
Social Studies – 3 credits <ul style="list-style-type: none"> ▪ .5 credit Civics ▪ .5 credit Economics ▪ 1 credit U.S. History & Geography ▪ 1 credit World History & Geography
Physical Education – 1.5 credits <ul style="list-style-type: none"> ▪ .5 credit Health ▪ .5 credit Introduction to Physical Education ▪ .5 credit elective
Fine Arts – .5 credit From Art, Dance, Drama, Humanities, or Music courses
Applied Arts – .5 credit From Business, Life Management or Tech Ed Departments
World Languages – 2 credits effective with the Class of 2016 In grades 9-12: OR an equivalent learning experience in grades K-12
Online Learning Experience – Learning or Integrated Learning Experience

Elective courses may not be offered every year.

Identified Honor, Accelerated, and Advanced Placement (AP) courses may be taken as alternative required courses for 10th, 11th or 12th grade students in English, Mathematics, Science and Social Studies.

Students will be required to participate in all sections of the Michigan Merit Exam (MME) in March of their Junior year, to meet graduation requirements. See 2010-2011 Course Description Glossary, page XII for additional information.

These requirements also apply to Special Education students unless otherwise specified in the IEP.

Graduation Recognition

At the end of the second term of their senior year, students with honor graduate status will have their GPA and ACT scores calculated and used for graduation purposes. The following honors will be recognized at graduation in this fashion:

- **Senior Scholars** – (top scores on ACT/SAT and GPA combined) will receive medallions to wear and be noted in a special part of the graduation program.*
- **High Honors** – (3.5 and above GPA's) will receive an honor cord to wear and be noted in a special part of the graduation program.
- **Honors** – (3.0 – 3.49 GPA's) – will receive an honor cord to wear and be noted in a special part of the graduation program.

*A formula for selecting students for top academic honors will be used to determine senior scholars. It uses a point system that consists of the student's GPA and ACT or SAT score. This point system was developed and utilized to determine Academic All-State candidates.