



HOWELL HIGH SCHOOL  
CLASS OF 2022

**Course Selection**  
**2020-2021 School Year**

# CREDITS AND GRADUATION REQUIREMENTS

## 25 CREDITS NEEDED TO EARN A HIGH SCHOOL DIPLOMA

ENGLISH/LANGUAGE ARTS	4.0 CREDITS	PE	0.5 CREDIT
MATH	4.0 CREDITS	HEALTH	0.5 CREDIT
SCIENCE	3.5 CREDITS	ELECTIVES	6.5 CREDITS
SOCIAL STUDIES	3.0 CREDITS		
WORLD LANGUAGE	2.0 CREDITS		
VISUAL PERFORMING ARTS	1.0 CREDITS		

# COURSE GUIDE

**THE UPDATED COURSE GUIDE IS AVAILABLE:**

**\*Start at [WWW.HOWELLSCHOOLS.COM](http://WWW.HOWELLSCHOOLS.COM)**

**\*Hover on [SCHOOLS](#), then Click on [HOWELL HIGH SCHOOL](#)**

**\*Hover on [COUNSELING \(DROP-DOWN MENU\)](#)**

**\*Select [COURSE DESCRIPTION AND SCHEDULING](#)**

**\*Open [COMPLETE COURSE GUIDE GRADES 9-12](#)**



# **COURSE SELECTION**

**Window to enter requests in PowerSchool:**

**February 24 - March 17**

# CHOOSING YOUR CLASSES

## ENGLISH

- English 11
- Honors American Literature
- Advanced Composition
- Humanities
- Advanced Journalism
- AP English: Language & Composition
- AP English: Literature & Composition

# SCIENCE - *choose between Chemistry or Physics as a 11th grader \**

**Analytical Chemistry** - Students planning to pursue studies in the health sciences, engineering or those planning to take AP science courses should consider this class. Students will study principles and theories of chemistry while using mathematical skills to solve problems.

~ OR ~

**Fundamental Chemistry** - A chemistry class that is not based in mathematics. This class is most appropriate for students pursuing the world of work or trade school after high school or for college-bound students who are not planning to pursue a science-related college major.

# SCIENCE continued

**Physics** - Students should take this course if they are college bound STEM careers. In this course students will study motion, electricity, magnetism, energy, waves and mechanics.

~ OR ~

**Conceptual Physics** - This is a physics class that is *not based in mathematics*. It would be most appropriate for students pursuing the world of work or trade school after high school. It is also appropriate for college-bound students who are not planning to pursue a science-related college major.

# SCIENCE continued

**Earth Science** - This is a *new* .5 additional science requirement, beginning with the Class of 2021 and after

In this one semester course, students will utilize scientific practices to discover knowledge and overarching concepts related to Earth Science and environmental sustainability.

*May be taken as a 10th, 11th or 12th grader.*

*May be taken along with Chemistry or Physics.*



# ADVANCED PLACEMENT - SCIENCE

- For all AP science classes you must have already completed Chemistry with a 77% or higher.
- Advanced Placement courses are equivalent to a first year of college science course . Students will be prepared for the College Board's AP Exam in May.

**AP Biology**

**AP Chemistry**

**AP Physics 1 & 2**

**AP Physics (C)**

# **SOCIAL STUDIES**

**Government-one semester**

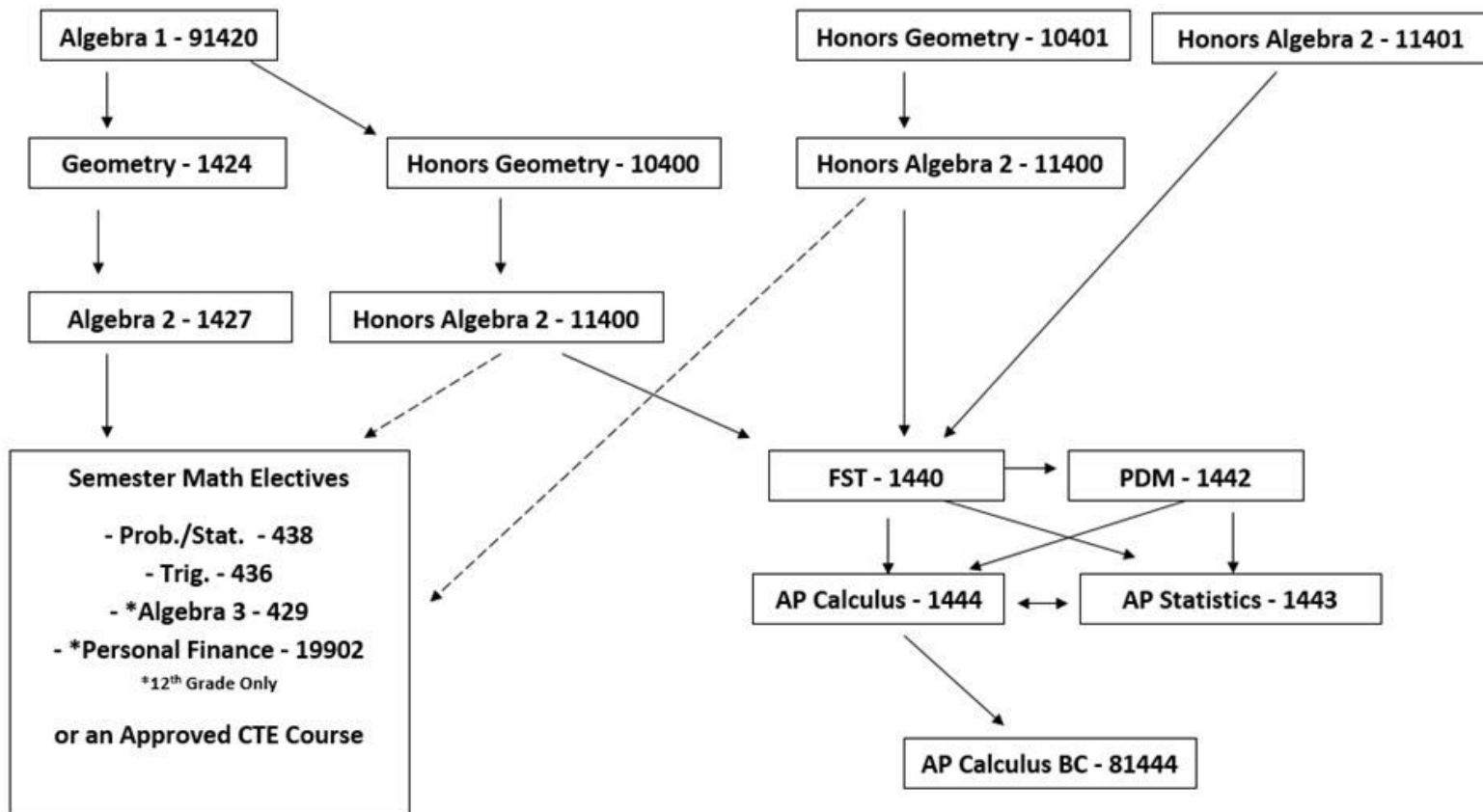
**Economics-one semester**

**AP Government\***

**AP Economics\***

*\*Students are prepared to take the College Board's Advanced Placement Exam in May.*

# MATHEMATICS



# MATHEMATICS\* continued

## Geometry

**Honors Geometry** - Designed to offer a more rigorous curriculum for students who have proven student math achievement.

## **Algebra 2** - *Prerequisite Geometry*

**Honors Algebra 2** - Coursework will move faster and students are expected to engage in a higher degree of independent learning. *Prerequisite Geometry*

\*Students who have taken Algebra 1 and Geometry in 9th and 10th grade should enroll in Algebra 2 in 11th Grade

# MATHEMATICS continued

**Functions, Statistics and Trigonometry (FST) - prerequisite C or higher in Honors Algebra 2**

**Introduction to Probability and Statistics - one semester (.5 cr)**

**Trigonometry - one semester (.5 cr)**

**Pre-Calculus and Discrete Mathematics**

# WORLD LANGUAGE

Two years of the SAME world language are required for graduation. (2.0 credits)

*The 2nd year requirement can be waived with an additional 1.0 VPA or CTE elective credit.  
College Bound students should take a minimum of 2 yrs of World Language.*

**French 1**

**Spanish 1**

**German 1**

**French 2**

**Spanish 2**

**German 2**

**French 3**

**Spanish 3**

**German 3**

**French 4**

**Spanish 4**

**German 4**

**AP Spanish**

# PHYSICAL EDUCATION

**Level 1 Classes:** *One Level 1 PE Course is required for graduation*

**Basic PE**

**Personal Fitness**

**Team Sports Level 1**



**Level 2 Classes:** *Prerequisite is credit in a Level 1 PE Course*

**Racket and Net Sports**

**Team Sports Level 2**

**Lifeguard Training**

**StrongHer**

**Mens Weightlifting**

**Yoga**

**Level 3 Class:**

**Strength & Conditioning**

# New Courses for 2020-21



## Athletic Performance

- Phys. Ed. elective
- Pre-req: *Physical Education*
- Level 3

## Painting 1

- VPAA elective

## Painting 2

- VPAA elective
- Pre-req: *Painting 1*



## TED-ED

- No pre-req.
- 9th-12th grade



# ACADEMIC SUPPORT

## Strategic Classes

***Students will be placed*** in a year long Strategic Algebra 2 if they are below grade level norm on their 10th grade MATH NWEA scores.

Strategic Algebra 2 courses are coordinated with the core Algebra 2 course as a support.

Strategic courses replace an elective class. Letter grade and elective credit is earned and counted towards GPA.

# ON TRACK FOR GRADUATION

**Credit Recovery (after school)**

**Summer School**

**Tutoring** - T/TH in the media center after school with NHS students.

**Transcripts** - [www.parchment.com](http://www.parchment.com). All grades are posted on your high school transcript. This means colleges, recruiters, and employers will see all **semester** grades. Attendance is also included on the official transcript.

*\*Be sure to monitor your graduation progress and meet with your guidance counselor as needed to stay on track to graduate with your class.*



# TESTING OUT PROCEDURES

High School credit may be earned in any course offered by HHS by testing out

This applies to all HHS courses

Student must attain a **77% or above** on the semester exam



SIGN UP

4TH QUARTER IN  
COUNSELING  
OFFICE

PICK UP  
MATERIALS

MEDIA CENTER  
AFTER SCHOOL YEAR  
ENDS, INFO TBA

TEST OUT  
DATES

AUGUST, SPECIFIC  
DATE AND TIMES TBA

# Livingston CTE Programs

## Career/Technical Education

<b>Cosmetology-3hrs</b> <b>Brighton</b>	<b>Graphic Communications-3hrs</b> <b>Brighton</b>	<b>Agriscience-3hrs</b> <b>Fowlerville</b>	<b>Energy Technology-3hrs</b> <b>Hartland</b>
<b>Engineering/Robotics-3hrs</b> <b>Pinckney</b>	<b>Adv. Automotive Tech-3hrs</b> <b>Pinckney</b>	<b>Computer Network Eng-3hrs</b> <b>Pinckney</b>	<b>Firefighter-3hrs</b> <b>Brighton</b>
<b>EMT-2 hrs</b> <b>Howell (near airport)</b>	<b>Aviation-2hrs</b> <b>Howell (airport)</b>	<b>Construction Trades-2hrs</b> <b>Howell</b> (location varies by year)	<b>Manufacturing-2hrs</b> <b>Howell</b>
<b>Culinary-2hrs</b> <b>Howell</b>	<b>Health Occupations-2hrs</b> <b>Howell</b>	<b>CAD-2hrs</b> <b>Howell</b>	<b>Early Childhood Education-2hrs</b> <b>Howell</b>

# EXPLORE: Livingston County Early College Programs

Auto Service, Auto Test or Powertrain Development Technician WCC	Auto Services Technician WCC	Building Construction Management WCC	Construction Pre-apprentice or CON I and CON II Certificates
Mechatronics WCC	Construction Technology WCC	Cyber Security WCC	Data Analytics Technology Cleary University
Engineering Technologist- Manufacturing WCC	Hospitality Business Management Cleary University	Career Ladder Nursing Program LCC	Welding & AWS Credentials Mott CC

# DUAL ENROLLMENT

## Take College Classes While Still in High School

**The State of Michigan requires qualifying scores. Your PSAT or SAT scores can be used.**

**Please visit the Counseling Website (Dual Enrollment) and see your Counselor for more information.**

**Dual Enrollment Paperwork for Fall 2020 should be turned in to your Counselor in April. LCC is registering for Fall Classes SOON...**

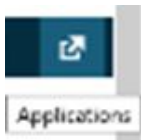


*\*If choosing Dual Enrollment, submit 7 credits of Core & Elective Course Requests plus 4-6 credits of Alternate Elective Course Requests, then *when DE is set, your Counselor adjusts your schedule manually.**

# SUBMIT COURSE REQUESTS:

**Login to PowerSchool student or parent account**

**Select Applications from Menu Bar**



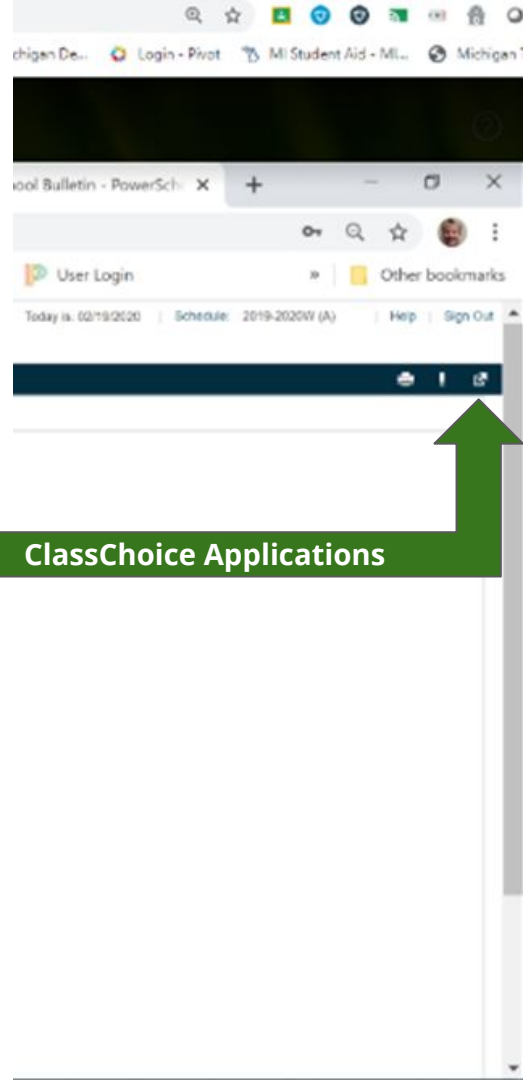
Step-by-step instructions to help for entering requests via ClassChoice

**Step 1:** Log on to PowerSchool with your student or parent account

Open a web browser and go to <https://pschool.howellschools.com/public/>

**Step 2:** Select Applications from the right corner on the **blue menu bar** in PowerSchool, then, from the pop-up dialogue box, select **ClassChoice-Student**

**Step 3:** Enter your Requests



**ClassChoice Applications**

# SUBMIT COURSE REQUESTS:

**Login to PowerSchool student or parent account**

**Select “ClassChoice-Student” from Menu options**

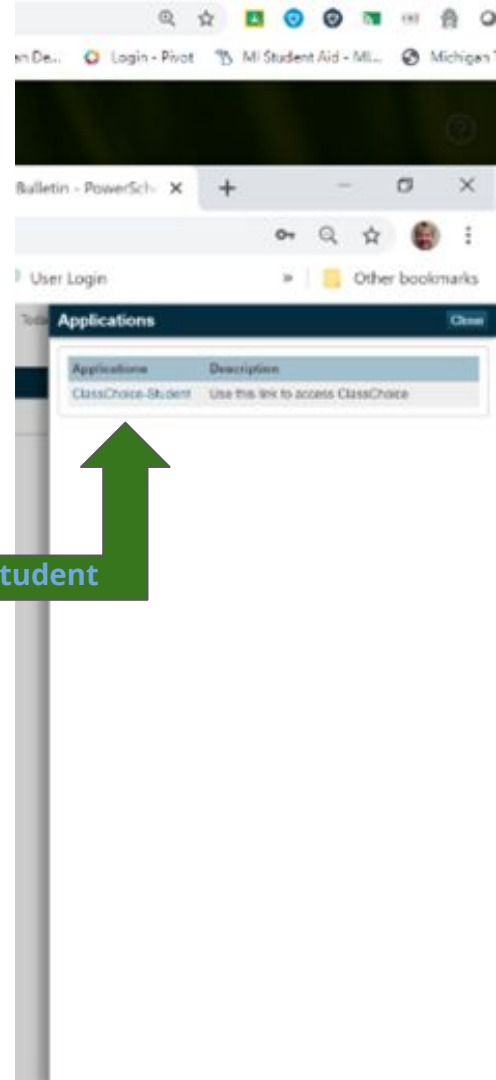
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**Step 2:** Select **ClassChoice-Student** from the Applications pop-up window in PowerSchool

**Step 3:** Enter your Requests





# SUBMIT COURSE REQUESTS:



Student Requests: STUDENT NAME (GRADE LEVEL)

Howell High School

ClassChoice is now open for requesting courses for the 20-21 school year.  
Use the Requests grid below to add your course selections.

STEP 1: Core - Click Add Core to select required core courses. You must complete this step in order to move on to Step 2.

STEP 2 : Electives - Click on the Add Electives drop-down menu to select enough electives to change the Summary bar from red to green.

STEP 3: Alternates - Click on the Add Alternates drop-down menu. Students must select at least three alternates, or they will be selected for you. The more alternates you select, the more options you will have when making schedule adjustments in Class Choice. DO NOT SELECT ALTERNATES THAT ARE ALREADY SELECTED UNDER Core or Electives.

Requests	
Step: 1 Core	Add Core
Total Core Hours 00	
Step: 2 Electives	Complete Core Requirements
Total Electives Hours 00	
Total Requested Hours 00	
Step: 3 Alternates	You must first complete a full schedule
Total Alternates Hours 00	

Print Requests

Summary
Full Schedule Hours: 7.00
Total Hours Requested: 0.00
Hours Needed 7.00

## Graduation Requirements

9th Grade	
English 9 (1.00)	Complete
Math 9 (1.00)	Complete
Science (1.00)	Complete
World History (1.00)	Complete
World Language (1.00)	Complete
10th Grade	
English 10 (1.00)	Complete
Math (1.00)	Complete
Science (1.00)	Complete
US History (1.00)	Complete
World Language (1.00)	1.00 needed
11th Grade	
English 11 (1.00)	Complete
Math (1.00)	Complete
Science (1.00)	Complete
Government/Economics (1.00)	Complete
12th Grade	
English 12 (1.00)	1.00 needed
Math (1.00)	1.00 needed
Earth Science (0.50)	.50 needed
PE (0.50)	Complete
Health (0.50)	Complete
Visual Performing, Applied Arts (1.00)	Complete
Electives (6.50)	2.00 needed
Required	25.00
Completed	19.50
Needed	5.50



# SUBMIT COURSE REQUESTS:

You must select all the Core Required classes first, before you will be able to see electives.

Likewise, electives must be all selected to the exact credits required before you can see alternates.

## Request Screen in ClassChoice

The **red/green** Summary bar (center) will help make sure you have the **7 credits** needed for a complete schedule.

Note the graduation requirements to the right, these will help you make the appropriate selections to fulfill those requirements.

Requests	Summary	Graduation Requirements
Step: 1 Core <a href="#">Add Core</a>	Full Schedule Hours: 7.00	9th Grade
Total Core Hours 00	Total Hours Requested: 6.00	English 9 (1.00) Complete
Step: 2 Electives <a href="#">Complete Core Requirements</a>	Hours Needed 7.00	Math 9 (1.00) Complete
Total Electives Hours 00		Science (1.00) Complete
Total Requested Hours 00		World History (1.00) Complete
Step: 3 Alternates <a href="#">You must first complete a full schedule</a>		World Language (1.00) Complete
Total Alternates Hours 00		10th Grade
<a href="#">Print Requests</a>		English 10 (1.00) Complete
		Math (1.00) Complete
		Science (1.00) Complete
		US History (1.00) Complete
		World Language (1.00) 1.00 needed
		11th Grade
		English 11 (1.00) Complete
		Math (1.00) Complete
		Science (1.00) Complete
		Government/Economics (1.00) Complete
		12th Grade
		English 12 (1.00) 1.00 needed
		Math (1.00) 1.00 needed
		Earth Science (0.50) .50 needed
		PE (0.50) Complete
		Health (0.50) Complete
		Visual Performing, Applied Arts (1.00) Complete
		Electives (6.50) 2.00 needed
		Required 25.00
		Completed 19.50
		Needed 5.50