



**Class of 2022!**

**Incoming Freshmen Orientation Night**

December 12, 2017



**Advanced Placement and Dual Credit  
Programs for Freshmen Students**



# The Power of 15

It is District 211's goal to have students leave high school with 15 hours of college level credit which can be earned through AP and Dual Credit courses.

Students who complete 15 college credits experience:

- Increased college graduation rate.
- Increased rate of graduating on time (within 4 years).
- Increased academic success while in college.

AP & DUAL CREDIT COURSES WITH TEACHER CONTACT			
Course	Teacher	Course	Teacher
A499 - AP 3-D Studio	Karen Lange	L466 L666 - Spanish 4	Jamie Strlein
A499 - AP 2-D Studio	Rachel Bartlett		Kristine Zaroska
	Nick Hostet	L476 L676 - Adv. Topics in Spanish	Jamie Strlein
	Russ Horvath		Kristine Zaroska
A399 - AP Drawing Studio	Rachel Bartlett	L579 - AP Spanish Language and Culture	Francisco Fernandez
	Nick Hostet		Kristine Zaroska
	Russ Horvath		Gustavo Correa
C469 - AP Music Theory	Marissa Reutner	L589 - AP Spanish Literature and Culture	Francisco Fernandez
	Dung Pham		Kristine Zaroska
E319 - AP Language & Composition	Emily Fazio		Gustavo Correa
	Liz Sheehan	L462/L662 - French 4	Cara Malbou
	Craig Kervensmeyer	L539 - AP French Language and Culture	Cara Malbou
	Claris Quick	L569 - AP German Language and Culture	Robert Kuechenberg
E419 - AP Literature & Composition	Jeff Leatham	W623 - Intermediate Japanese I	Gustavo Correa
	Sean Berkman	W624 - Intermediate Japanese II	Gustavo Correa
E405 E605 - Expository Composition	Eric Millstone	8439 - AP Chemistry	Mike Comarford
	Jeff Leatham		Claris Smith
E203 E603 - Speech I	Doug Gross	8449 - AP Biology	Charis Filippek
G339 - AP World History	Leslie Schock	8369 - AP Physics 1 & 2	Negan Gabrielson
G349 - AP Human Geography	Jun Lange		Ryan Hall
G359 - AP European History	Claris Bays	8359 - AP Physics 1	Negan Gabrielson
G369 - AP U.S. History	Julie Van Grunbergen		Ryan Hall
G379 - AP Psychology	Andrea Gufarie	8429 - AP Environmental Science	Kristina Jordan (Alt: Carl Garrison)
G469 - AP Macroeconomics	Tyler Donnelly	8437/8637 - Anatomy & Physiology	Christian Keller
G479 - AP Govt/Politics	Emily Hamman	8469 - AP Physics C	Mitch Tucker
H457 H657 - Advanced ECE I.S. 2	Kris Stary	T642 - Adv. Manufacturing Tech. 1	Mark Hittner
H287 H665 - Culinary Arts	Erika Varela	T643 - Adv. Manufacturing Tech. 2	Mark Hittner
	Lindsey Boylan	T644 - Adv. Manufacturing Tech. 3	Mark Hittner
H333 H667 - Chemistry of Foods	Erika Varela	T174 T674 - Electronics Technology 1	Anthony Volgi
H477 H677 - Fashion Construction I.S. 2	Caron Morrison	T273 T673 - Computer Repair	James Schager
H483 H683 - Design I.S.	Caron Morrison	T373 - Network Administration and Security	James Schager
M319 - AP Computer Science Principles	Melissa Meagher	T336 T636 - Automotive Technology 2	Mike Ruta
M359 - AP Computer Science A	John Nalley	T408 T608 - PLTW Digital Electronics	James Schager
M419 - AP Statistics	Kathy Petic		Anthony Volgi
M435 M635 - Quantitative Literacy	Mam Veslburgh	T346 T646 - Building Construction	Claris Gunsteen
M449 - AP Calculus AB	Jim Novak	T446 T647 - Building Construction IS	Claris Gunsteen
M459 - AP Calculus AB (Double Period)	Erin Lusadice	R359 - A.P. Seminar	Alex Larson
M479 - AP Calculus BC	Craig Barnes		Brittany Berleman
M378 M678 - Multivariable Calculus	Melissa Meagher	R459 - A.P. Research (pending approval)	Alex Larson
M388 M688 - Differential Equations	Melissa Meagher		Brittany Berleman
		R313 R613 - Intro to Health Careers & Medical Term.	Jennifer Dahl

# What is Advanced Placement?

---

Advanced Placement (AP) is a program through College Board that offers college-level coursework to high school students.

Students who successfully complete an AP course and exhibit proficiency on the AP Exam can earn college credit hours.

In the state of Illinois, students who score a 3, 4, or 5 are guaranteed college credit at state schools.

The letters 'AP' are rendered in a large, bold, sans-serif font. The 'A' is light blue and the 'P' is light green. They are positioned on the right side of the slide, partially overlapping the main text area.

# AP Human Geography

Course Code G349

Accelerated Social Studies  
Credit

One of 90,000 9th graders in the  
Country

Current & Relevant Content-

71 Career Pathways & 20 College Majors  
(College Board)

Reading & Note Taking Skills

Emphasis on Analyzing &  
Summarizing Non-Fiction Text

Amount of Homework?

---

# M319 AP Computer Science Principles

Students must be enrolled in Accelerated Math (M218 or M438)

Course Topics Include:

- Algorithms and Logic
  - Website Design (HTML and CSS)
  - Binary Code and Changing Number Bases
  - Game Programming (Javascript and Python)
  - Data Transmission - How the Internet Works
  - Global Impact of the Internet
  - P v. NP Problems
  - Minimal Spanning Trees and Graph Theory
  - Cybersecurity and Crime
  - Cryptographic Protocols
  - Data Analysis
  - Data Mining
  - Monte Carlo Simulation
-

# A.P. Seminar and A.P. Summer Prep



Why did College Board make a new class?

- Colleges found high school students could not EFFECTIVELY ARGUE.
- Designed to show college readiness
- AP Seminar + AP Research+ 4 AP Classes = AP Capstone
- Preferential entry into Universities

AP Test is:

- Group paper
- Group presentation
- Individual paper
- Individual presentation
- Brief writing on Test Day

A.P. Summer Prep: Skills to be successful in AP classes.  
Studying, reading, geography fun!

# A.P. Seminar and A.P. Summer Prep

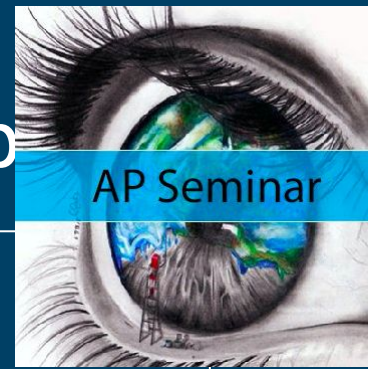
Why did College Board make a new class?

- Colleges found high school students could not EFFECTIVELY ARGUE.
- Designed to show college readiness
- AP Seminar + AP Research+ 4 AP Classes = AP Capstone
- Preferential entry into Universities

AP Test is:

- Group paper
- Group presentation
- Individual paper
- Individual presentation
- Brief writing on Test

Day



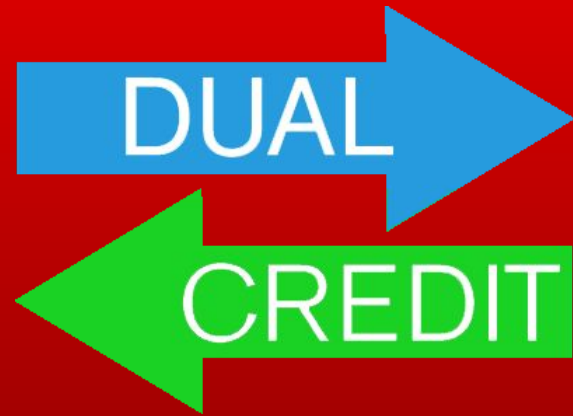
A.P. Summer Prep: Skills to be successful in AP classes. Studying, reading, geography fun!

# What is Dual Credit?

---

**Dual Credit** is a high school course aligned to a college or university course. Credit is transferrable to other universities/colleges.

Students who successfully complete the course and exhibit proficiency on the Dual Credit Exam can earn college credit hours.



Most of District 211's dual credit opportunities are offered through Harper College. The PLTW Engineering sequences offers credit through the University of Iowa or Iowa State University.



# Project Lead the Way

## Introduction to Engineering Design

**Course Code:** T202

3 Hours of transferrable credit through University of Iowa and Iowa State University.

More than 400,000 students enrolled in PLTW courses across the country.

Preferential acceptance into Engineering/STEM Majors

Direct tie to Engineering careers and STEM pathways

Technical Problem Solving

Hands-On, Collaborative Learning

3D Modeling & Prototyping

No Homework

---

# Electronics Technology I

**Course Code:** T174/T674

4 hours of transferrable credit through Harper College.

Can gain up to 4 professional certificates through Harper's program.

Harper College: ELT 110 -  
Introductory Electronics

Transfers to Electrical Engineering Technology program at Harper College

Analog & Digital Electronics

Hands-On, Collaborative Learning

Diagnostics & Repair

No Homework

---

# Technology Applications I & II

**Course Code:** B164/B664

3 hours of transferrable credit through Harper College.

Harper College: CAS 160 - Intro to Business Software Packages

Transfers to Computer Information Systems program at Harper College

Computer productivity using Microsoft Office

Desktop Publishing

Computer Presentations

---