



 James Clemens High School

SENIOR & JUNIOR REGISTRATION

February 9 - March 7, 2025 in PowerSchool

Cohort 2026 & 2027

REGISTRATION INFORMATION

Registration Opens February 9 - March 7

Senior checklists were distributed next week through Advisory.

Guidance Counselors & Coaches



Kristen Gist

Cohort 2026 Grade Level
Counselor



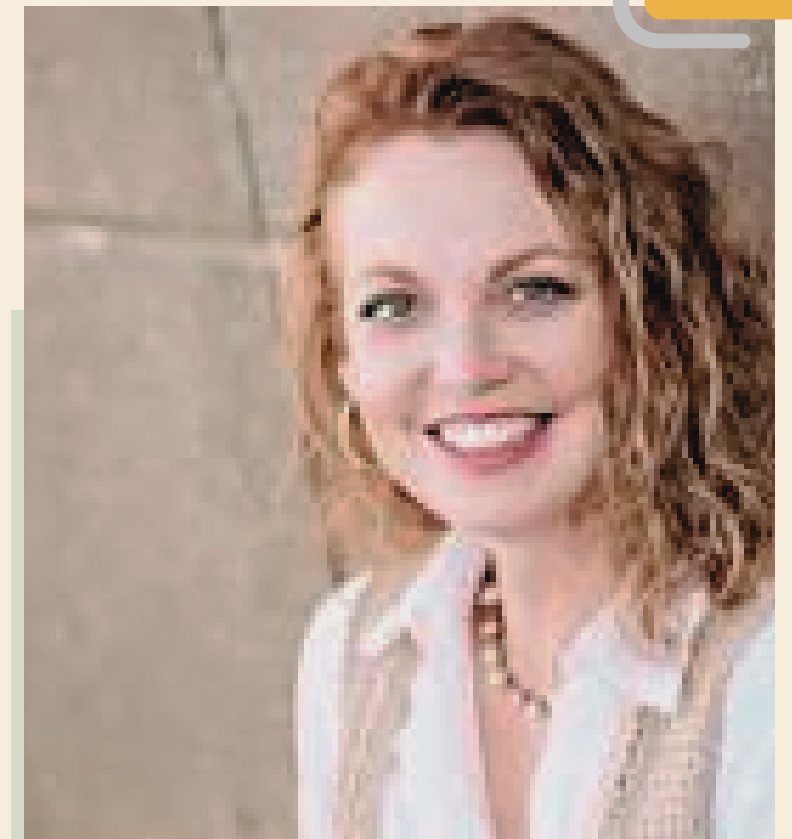
Eric Cleaves

Cohort 2027 Grade Level
Counselor



Lana Meskunas

College & Career Counselor



Michelle Hyams

Career Coach

CORE ENGLISH CLASSES

Junior English Choices

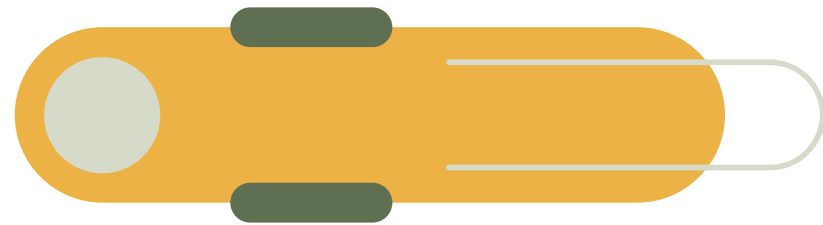
- English 11
- English 11 Honors
- AP Language & Composition
- Integrated AP English Lang/Modern US Honors (Fall AND Spring)
- Dual Enrollment - ENG 101

S An ACT score or Placement Test score will be required for dual enrollment. April 8th ACT and May AP scores will not be back in time to dual enroll in the fall.

Senior English Choices

- English 12
- English 12 Honors
- AP Literature & Composition
- Dual Enrollment - ENG 101 / ENG 102





DUAL ENROLLMENT

1st Block ENG 101	1st Block
2nd Block ENG 101	2nd Block
3rd Block	3rd Block
4th Block	4th Block

You need two blocks back to back (travel). Max 2 per semester

ex. fall 1-2 blocks

fall 3-4 blocks

spring 1-2 blocks

spring 3-4 blocks

CORE SOCIAL SCIENCE - HISTORY

Choose remaining classes needed:

- World History (9th)
- United States History 1 (10th)
- United States History 2 (11th)
- Integrated AP English Lang/Modern US Honors
- Fall & Spring (11th US 2 Option)
- United States Government
(0.5 Credit - 12th)
- Economics (0.5 Credit- 12th)

§ Double check your senior checklist.



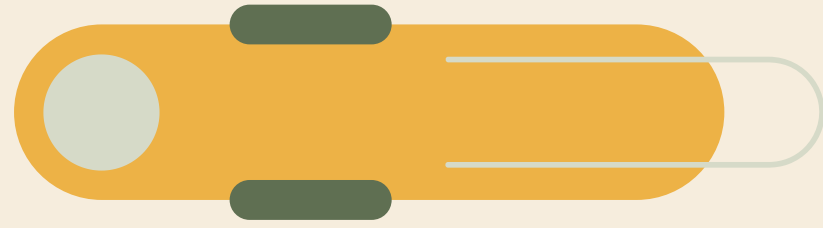
CORE SOCIAL SCIENCE - HISTORY

AP Offerings for History

- AP World History
- AP United States History Fall
- AP United States History Spring
- AP US Government & Politics (1.0 Credit)
- AP Macroeconomics (1.0 Credit)

§ Double check your senior checklist.





CORE SCIENCE CLASSES

§ See your graduation checklist.
4 credits needed by
graduation.

If you took physical science, you
can choose from the following:

- 01 Earth & Space
- 02 Environmental Science or
AP Environmental (APES)
- 03 Astronomy
- 04 Chemistry 1

CORE SCIENCE CLASSES



If you have taken chemistry, you can take anything from the previous list or from the list below.

- **Chemistry 2**
- **AP Chemistry**
- **Physics**
- **AP Physics 1**
- **AP Physics C: Electricity**
- **AP Physics C: Mechanics**

**Human Body
Systems
(Biomedical)**

**Human Body
Structures
(Health Science)**

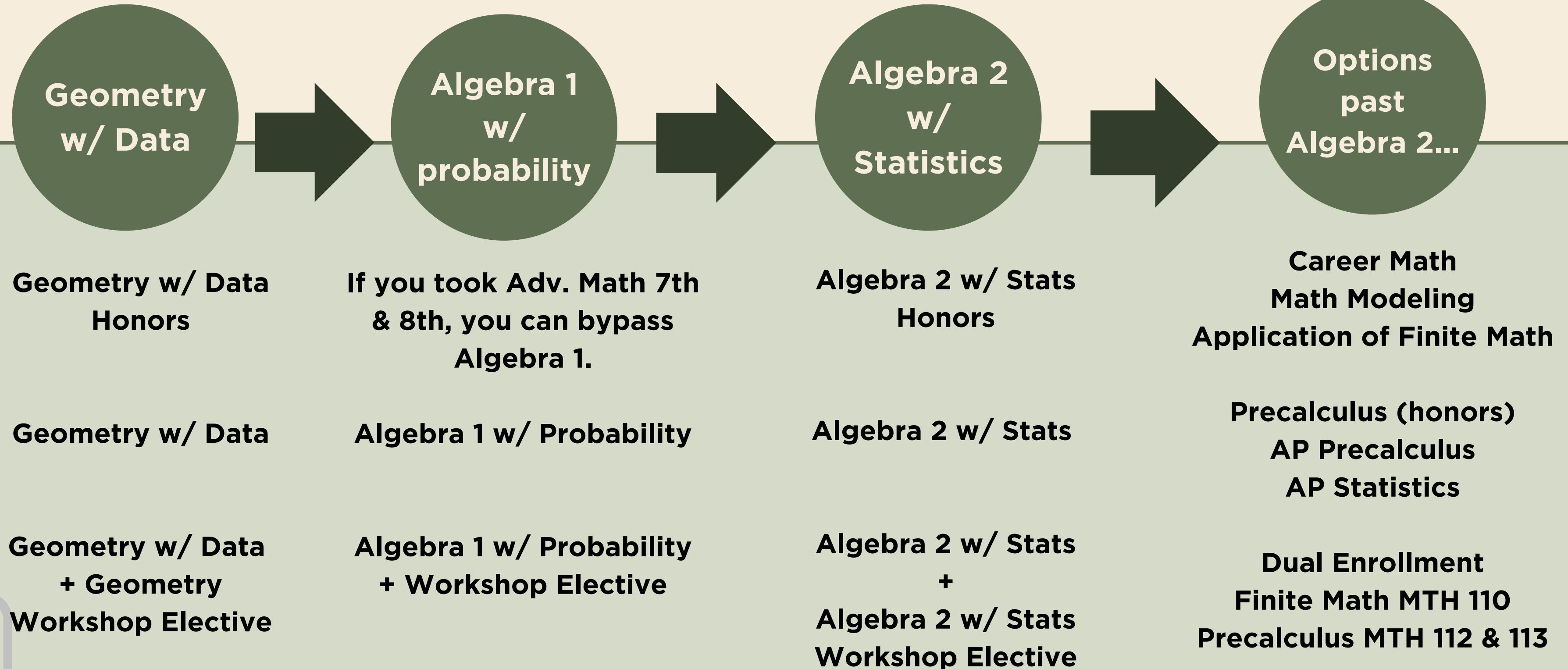
**Molecular Biology
& AP Biology
(Fall & Spring)**

**Intro to
Biotechnology
(Genetics)**

Forensics



CORE MATH SEQUENCE



CORE MATH CLASSES

Math options once you have completed Algebra 2 w/ Statistics...

Career Math

Math Modeling

**Application of Finite
Math**

Precalculus (Honors)

AP Precalculus

AP Statistics

**or Dual Enrollment
MTH 110 - Finite Math
MTH 112 & 113 -
Precalculus**

CORE MATH - PAST PRECALCULUS



Calculus A honors/PreAP + Calculus AB, AP

This is a yearlong course. Calculus A is taken in the fall and Calculus AB is taken in the spring leading up to the AP test in May. It covers Calculus 1 material.



Calculus A honors/PreAP. + Calculus BC, AP

This is a yearlong course. Calculus A is taken in the fall and BC is taken in the spring. It covers a few more units than AB because it covers Calculus 1 & 2 material.

REQUIRED ELECTIVES

PE Credit 1.0

Beginning
Kinesiology

Athletic PE

Marching Band

ARMY ROTC Level 1 b

Career Preparedness

Career Preparedness
1.0 Credit

*Students who have
previously taken JROTC 1A
for a career prep credit are
grandfathered. From 2025
onward, JROTC cannot
replace career prep.*

Health

Health
0.5 Credit

or

Foundations of
Health Science
1.0 Credit

MEDICAL ACADEMIES



The following are counted as CTE credits unless noted otherwise:

Principles of Biomedical



**Human Body Systems
(Core Science Credit)**



Medical Interventions



**Biomedical Innovations
(Internship 2 blocks)
Mrs. Young H102**

**Foundations of Health
Science
(Health Credit)**



**Human Body Structures
(Core Science)**



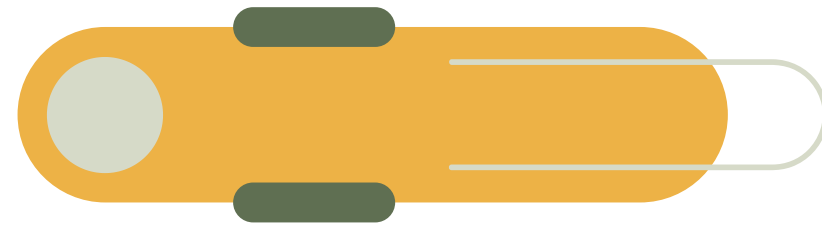
**Health Science
Internship (2 blocks)
Mrs. Stienhert**

**CTE Lab in Health
Science
(aka Medical Seminar)**

**Intro to Pharmacy
(Senior Year Course)**

**Emergency Medical
Services (EMS) Calhoun
on JCHS Campus**





SCHEDULE

1st Block	1st Block
H.S. Internship	Biomed. Inten.
2nd Block	2nd Block
H.S. Internship	Biomed. Intern
3rd Block	3rd Block
EMS/EMT	EMS/EMT
4th Block	4th Block

01

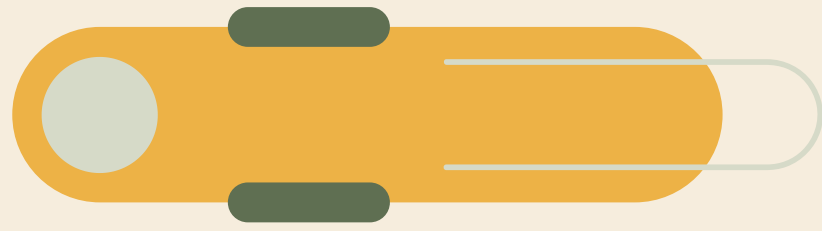
EMS/EMT - 3rd block
fall & spring

02

H.S. Internship 1-2 blocks
Fall or Spring

03

Biomedical
1-2 blocks spring



ENGINEERING PATHWAY

§ Must be taken in order. CTE Credits. Principles can be a core science if desired.

01

Introduction to Engineering

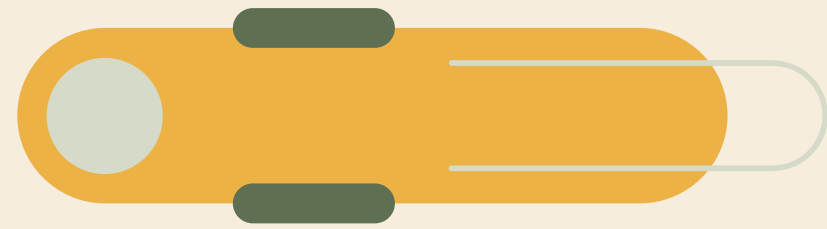
02

Principles of Engineering

03

Engineering Research & Design
Internship 2 blocks - Senior Yr.
Mrs. Turner A 123

**Aerospace & Digital Electronics
are also offered after 1 -2 @ JC.**



MEDIA & FILM PRODUCTION

01

Media Foundations

02

Film Production 1- JETSPRESS

03

Film Production 2 - JETSPRESS

04

Broadcasting 1 - On the Radar

**Internship Off Campus - CTE Lab in
Arts A/V & Career Pathway Project**

HUMAN SERVICES



These classes are designed to be taken in sequence.

EDUCATION

Education Foundations

Practices in Education

Methods in Education

Education Internship

2 Blocks - Senior Spring

Human Services

- **Family & Consumer Science (FACS)**
- **Food & Nutrition**
- **Family Financial Planning**

Fashion

- **Fashion**
- **Fashion Design**
- **Fashion Retail & Marketing**
- **Fashion Merch.**



PROGRAMMING & CYBERSECURITY

The following will be counted as CTE credits. AP Computer Science A can count as a math or a science credit instead if desired.

IT Fundamentals
AP Cybersecurity 1
AP Cybersecurity 2
Cybersecurity 3 Honors

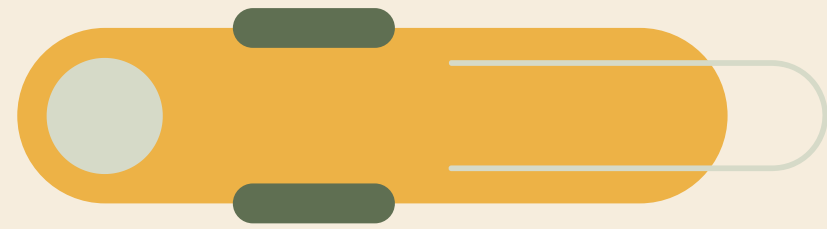
**AP Computer Science
Principles**

**Programming
Foundations**

**Object Oriented
Programming**

**AP Computer
Science A**

Senior pathway projects are available in both pathways.



MARKETING PATHWAY

§ 3 classes in this area can equal a CTE Completer Status for CCRI.

01

**Business Software Applications
(BSA)**

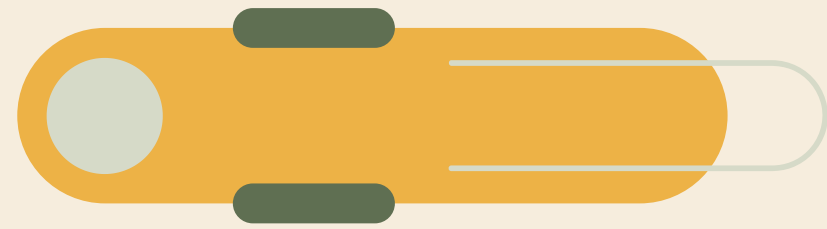
02

Marketing Principles

03

**Sports & Entertainment
Marketing**

**Career Pathway Project can be
offered senior year.**



FINANCE PATHWAY

§ 3 classes in this area can equal a CTE Completer Status for CCRI.

01

**Business Software Applications
BSA**

02

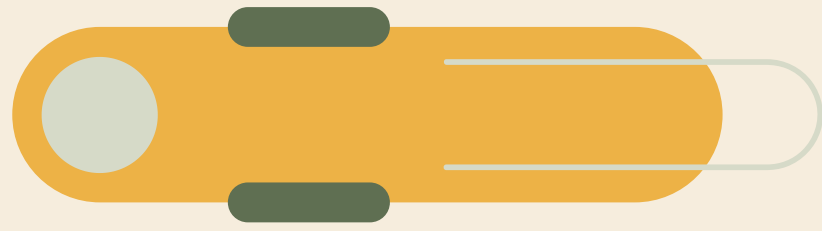
Accounting

03

Personal Finance

04

**CTE Lab in Finance & Career
Pathway Project in Finance -
Redstone Bank (Application
Process with Dr. Shears.)**



BUSINESS PATHWAY



You can apply for CEO without taking both version of BSA. Also, it can count as dual enrollment if tuition is paid.

01

**Business Software Applications
BSA**

02

**Business Software Applications 2
BSA II**

03

**CEO - CTE Lab in BMA
1st Block Fall & Spring
Application Process with Mrs.
Meskunas**



CONSTRUCTION COURSES

JCHS Construction Pathway

- Construction Foundations
- Construction Layout
- Construction Framing
- Construction Finishing

Alabama Craft Academy

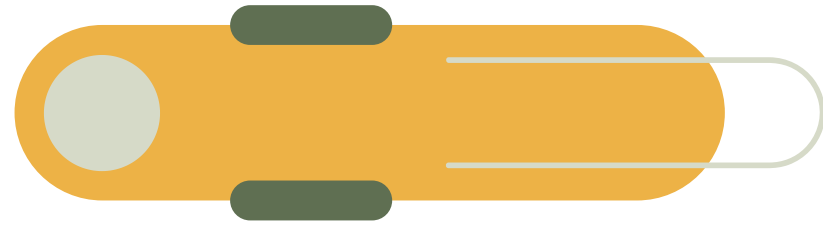
- Bus Provided
- Train in Two Areas:
Welding, Construction,
Electrical, or HVAC
- Deadline to Apply -
Feb. 20th

Personal Transportation Needed

Dual Enrollment - Welding,
Automotive, Drafting, Etc.
(Calhoun & Drake)

Madison City Welding
CTE Lab in Architecture &
Construction





SCHEDULE

1st Block	1st Block
MCS Weld	Dual
2nd block	2nd Block
	Dual
3rd Block	3rd Block
AL. Craft	AL Craft
4th Block	4th Block
AL Craft	AL Craft

01

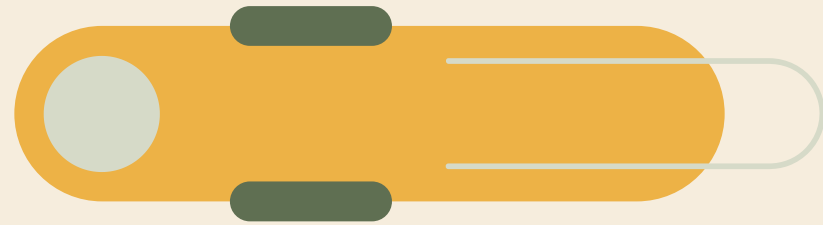
**Craft Academy - 4 blocks total
2 fall/2 spring**

02

**MCS Welding 1st or 2nd block
can be yearlong if desired**

03

**Dual Enrollment - 2 blocks
together either fall or spring**



ARMY ROTC

SThree Levels will earn a CCRI.

01

ARMY ROTC Leadership & 1b

02

ARMY ROTC Levels 2a/ 2b

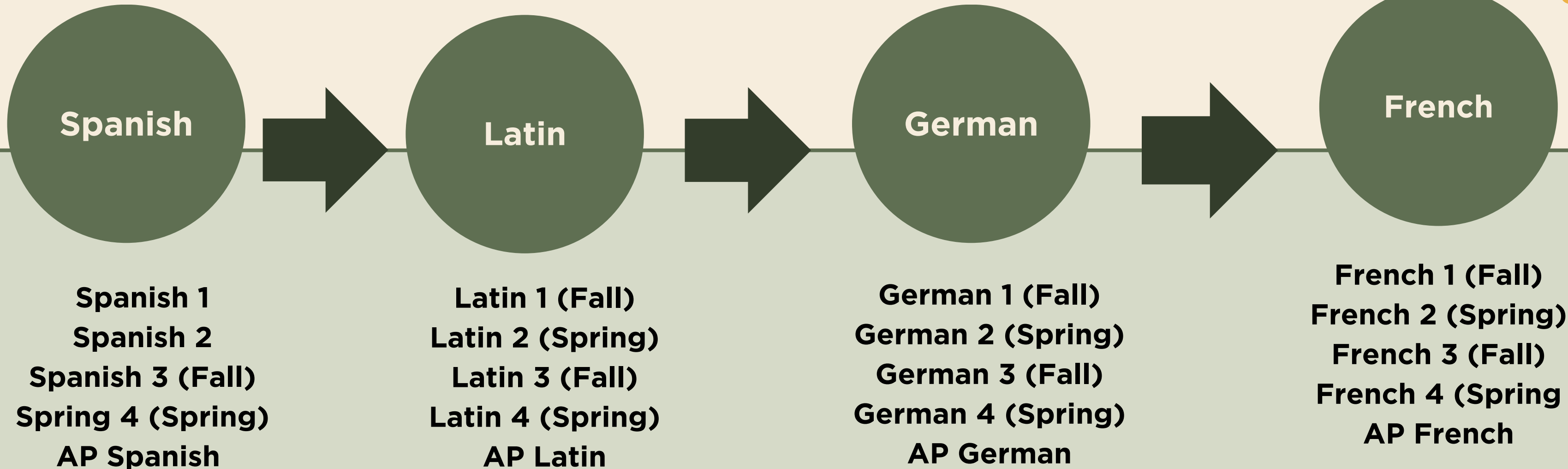
03

ARMY ROTC Levels 3a/3b

04

ARMY ROTC Levels 4a/4b

WORLD LANGUAGE



OTHER ELECTIVES



Theater & Technical Theater



Theater & Tech 1 -
Beginning

Theater & Tech 2 -
Intermediate

Theater & Tech 3 -
Advanced
Fall/Spring

Production Theater



Fine Arts



Visual Arts 1, 2, 3,
4, and AP

Mixed Choir

AP Music Theory

0.5 Credits
Guitar 1 & 2
Piano 1 & 2



History Electives



AP Psychology
AP Seminar
AP Research
AP Human Geo.
AP European

psychology
sociology



English Electives



Creative Writing 1
Creative Writing 2
Yearbook

0.5 Credits
Public Speaking
ACT Prep
Mythology &
Legends



PE Elective



Drivers' Ed.
Sports Officiating



Misc.

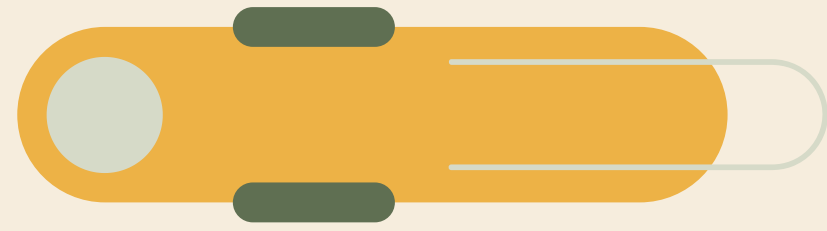


Mid- Year
Graduate Code

Dual Enrollment

Work Based
Education / co-op

Student aide
1/2 or 1 Credit



WORK BASED EDUCATION (CO-OP)

01

Mrs. Leman A223 - teacher

02

**8 hours minimum per block of
co-op**

03

**Paperwork is available on the
JCHS website.**

**College Fair
and
College
Visits**

**College
Choice and
College
Application
Process**

**Student Essays
and
Recommendation
Letters**

**Career
Inventories**

College and Career

Mrs. Lana Meskunas

Scholarships

**Presidential
Scholars**

FAFSA

**Classroom
Presentations**

Senior Awards Night

National Merit Program

JCHS Co-Op

Open Only to 11th & 12th Graders

Can be an actual job, paid internship, or unpaid internship

Students may enroll in 1 or 2 consecutive blocks of Co-op.

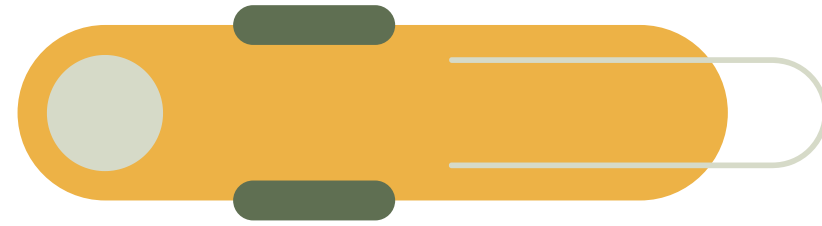
Each Co-Op Block requires 8 hours a week of work for total of 140 hours a Semester (240 Hours for 2 Classes)

Students must have earned a College Career Readiness Indicator (CCRI) in order to be eligible for Co-op. (There are exceptions)

Students must have reliable transportation and be off campus during their Co-op blocks.

Contact Mrs. Leman for more Info

bleman@madisoncity.k12.al.us



DUAL ENROLLMENT

Dual Fall ENG 101	1st Block
Dual Fall ENG 101	2nd Block
3rd Block	3rd Block
4th Block	4th Block

01

Requirements on JCHS
Website

02

Dual Enrollment Meeting
March 26th - Refuel
Students Only

03

Auburn First, Alabama Early
College, UNA, Calhoun, UAH,
and Drake

04

You need two blocks back to
back (travel).
ex. Fall 1-2 blocks



 James Clemens High School

THANK YOU

February 13, 2025