

## WELCOME TO GREELEY CENTRAL ADVANCED ACADEMICS

Greeley Central High School enjoys a reputation for academic excellence second to none. We are committed to offering a comprehensive selection of accelerated and Advanced Placement (AP) courses to our students. In all, we have 28 AP class offerings at our disposal in a variety of academic disciplines allowing students to explore a large variety of potential disciplines and/or to focus their academic acceleration in a particular area of interest. The structure of the AP system also allows students to earn college credit while attending high school, and every year, under the leadership of our dedicated faculty, our students successfully complete hundreds of Advanced Placement exams with a score of 3 or better (on a scale of 1-5) earning them significant college credit. Over the years many students have graduated from Greeley Central with enough college credits to enter their collegiate experience as a sophomore and sometimes even as a junior—obviously a huge savings in time and expense.

As you design your educational path, it is critical that you are aware of the wealth of academic opportunities available to you at Central. Plan carefully and take advantage of every opportunity to advance your academic achievement. In doing so you could become the next Central grad able to bypass their freshman year in college, or better yet, become our next Boettcher Scholarship winner. After all, you attend the high school who leads the way. Since the inception of the Boettcher Scholarship program in 1952, Wildcats have remained one of the top recipients of the award. Will you be the next Central grad to win this prestigious award?

Cary Smith - Principal



## ADVANCED COURSES IN THE CORE-CURRICULUM AND COMPREHENSIVE ELECTIVE PROGRAM

Greeley Central offers numerous advanced classes in required coursework as well as in the elective areas. Although some coursework includes certain pre-requisites that predict success, students are encouraged to register for coursework at rigorous academic levels that meet their individual needs.

The following courses are listed in the district's course description book and are designed to meet the needs of students who seek more challenges and look to prepare themselves for future AP classes:

### VOCATIONAL EDUCATION

- Health/Medical Technologies 1 & 2

### INTERNATIONAL LANGUAGE

- Spanish 3, 4
- French 3, 4
- German 3, 4

### ENGLISH

- Honors English 9
- Honors English 10
- Mexican American Studies
- Competitive Speech

### SOCIAL STUDIES

- Honors 9th Civics
- Honors 9th World Studies
- Honors History of Our Nation
- Honors Modern America

### MATHEMATICS

- Trig/Analytical Geometry
- Pre-Calculus

### CONSUMER & FAMILY STUDIES

- Early Childhood Professions

### SCIENCE

- Human Anatomy & Physiology
- Chemistry of Matter/Reaction Chemistry
- Physics
- Cellular/Organismal Biology
- Biology

### BUSINESS

- Word Processing
- Computer Business Apps
- Adv. Accounting
- Adv. Marketing Ed.
- Adv. Coop Office Ed.

### VISUAL COMMUNICATIONS

- Adv. Technological Apps.
- Pre-Eng./Arch Drawing
- Graphic Communication

### FINE ARTS

- Audition/Instructor Approval
- Art/Music Courses

### CREATIVE PRODUCTION

- Newspaper Production
- Yearbook Production
- Creative Writing
- Technical Theater Arts
- Photography

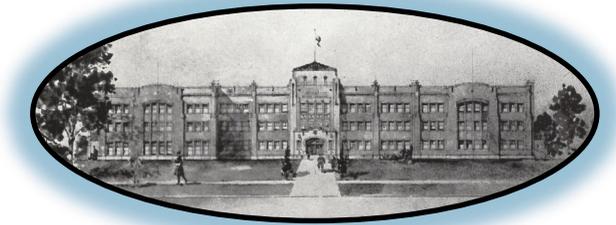
## FACTS ABOUT STUDENTS WHO TAKE A.P. CLASSES

- Students who take no AP courses have a 29% chance of completing a bachelor's degree in four years
- For students that take one AP course, the probability increases to 45%.
- For students taking two or more AP courses, the likelihood of finishing college in four years or less increases to 61%
- Students who receive AP exam grades of 3, 4, or 5, and bypass introductory courses, perform as well or better in upper level classes than those students who first complete the introductory course in college.

## A.P. AT GREELEY CENTRAL

- In 2020, GCHS produced 45 AP Scholars, including three of District 6's four National AP Scholars, again doubling the combined total of our sister schools. GCHS students not only took more AP exams than their peers across the District, they also led the way in exam pass rates.
- In 2019 GCHS produced 47 AP Scholars, more than both of our sister schools combined.
- In addition, in 2019 we launched our AP Capstone program, providing students the opportunity to pursue their own interests through research, argumentation, and multimedia presentations and making them eligible for the College Board Capstone diploma.
- In 2018 GCHS gave 434 exams to 209 students and 48% passed with a score of 3, 4 or 5 out of 5.
- In 2018 District 6 had 101 AP Scholars with 42 of these from GCHS, more than from any other high school in Greeley. Of the AP Scholars at Greeley Central, 3 were recognized as AP Scholars.
- In 2017 GCHS gave 473 exams to 296 students.
- In 2017 GCHS had 43 AP Scholars, more than twice as many as any other school in the District. Of these AP Scholars, GCHS had two National Scholars
- In 2016 GCHS gave 509 exams to 309 students.
- In 2016 GCHS had 49 AP Scholars, more than twice as many as any other school in the District. The next closest school in the District had 18 AP Scholars.

## ADVANCED LEARNING OPPORTUNITIES **GREELEY CENTRAL HIGH SCHOOL** **GREELEY, COLORADO**



### **"The Castle"**

Since 1927

Greeley Central High School encourages all students to the challenge of rigorous coursework and learning experiences appropriate to individual needs and post-secondary aspirations—both in the university and the world arenas. Available to students in all four grade levels, a wide variety of advanced learning opportunities challenges all students while fitting well with our...

### **MISSION STATEMENT:**

To educate all students in a nurturing, challenging and disciplined, and safe environment so their actions reflect the qualities of .....

## **PRIDE - CLASS - DIGNITY**

## ADVANCED PLACEMENT PROGRAM

Greeley Central High School supports a quality Advanced Placement program including 28 AP classes for a wide variety of learning interests.

Today, some 2900 colleges and universities (virtually all institutions) have an AP policy, granting incoming students academic credit and/or placement for qualifying grades on AP examinations. Almost half of all U.S. institutions (approximately 1400) allow students to begin as sophomores on the basis of sufficient AP grades. Additionally, more than 200 colleges and universities in more than 50 foreign countries support advanced placement policies.

### BENEFITS OF THE ADVANCED PLACEMENT PROGRAM

- Students experience a rigorous, college-level curriculum and have the chance to earn credit, placement, or both for college.
- Many teachers who participate in AP professional development improve as teachers in general, not just as teachers in AP classes.
- AP Schools often experience a diffusion of higher academic standards throughout the entire curriculum.
- Colleges admit students prepared to tackle rigorous course work. According to a U.S. Department of Education study, participation in AP or other rigorous courses is a stronger predictor or success in college than test scores or grade point average.

The Central AP menu has been expanded to provide more advanced learning opportunities for more students. Since the average number of AP courses being offered in high schools across the U.S. is six (6), Central's current menu is considered to be extremely comprehensive.

#### LANUGAGE DEPARTMENT

- AP English Language & Composition: Mr. Frasier &

Mr. Duncan

- AP English Literature: Mr. Thomas
- AP Seminar: Mr. Frasier
- AP Research: Mr. Frasier

#### MATH DEPARTMENT

- AP Calculus AB: Mr. S. Miller
- AP Calculus BC: Mr. S. Miller
- AP Computer Science: O. Uhlig
- AP Statistics : Mr. Stark

#### SCIENCE DEPARTMENT

- AP Biology: TBD
- AP Chemistry: Mrs. Bekins
- AP Environmental Science: Mrs. Mock-Murphy
- AP Physics 1 & 2: Mrs. P. Martinez
- AP Physics C: Ms. Maher

#### FINE ARTS DEPARTMENT

- AP Art History: Mr. Rohnke
- AP Studio-Art, General: Mrs. Wilson
- AP Music Theory: Mr. Green

#### INTERNATIONAL LANGUAGE DEPARTMENT

- AP Spanish Language: Ms. Varela
- AP French Language: Mrs. Larson-Reyes
- AP German Language: Ms. Harvey
- AP Spanish Literature: Ms. Varela

#### SOCIAL STUDIES DEPARTMENT

- AP US History: Mrs. LeFebre ★
- AP US Government Politics: Mrs. Kirby
- AP Macro Economics ★ ★ : Mr. Burch
- AP Micro Economics ★ : Mr. Burch
- AP Psychology: Mr. Burch
- AP Human Geography: Mrs. Schulz
- AP World History: Mrs. LeFebre ★ ★

Registration numbers will determine which of the above list of classes will be offered each year. Starred classes are available on a rotating bases to keep the comprehensive nature of the program. *For more detailed information, contact Thomas Frasier, AP Coordinator, at (970) 348-5000*

- ★ odd years 2021, 2023, 2025

- ★ ★ even years 2020, 2022, 2024

### CONCURRENT ENROLLMENT

Persons under twenty-one years of age, enrolled in the 11th or 12th grade in a school district and who demonstrate academic preparedness are eligible for concurrent enrollment programs. To enroll at an eligible post-secondary institution a student must have completed the minimum course prerequisites and all required assessments.

### DUAL CREDIT

Students who enroll in dual credit courses have the option to receive University of Northern Colorado credit while taking the course at GCHS for a reduced fee (dependent on the number of credits). In order to receive credit, students must sign up for University credit and successfully pass the course with a grade of C or better. Classes that offer the dual credit option include College Algebra, Trigonometry, Statistics, Calculus and Introduction to Mexican American Studies.

### CAREER ACADEMY

The Aims Community College Career Academy program provides college courses to qualifying high school juniors and seniors. Career Academy students are selected to attend classes on the Aims campus during part of their school day for both high school and college credit. The courses are taught by certified college instructors and meet high school graduation requirements. Career Academy Students are awarded the full cost of tuition and fees as well as all required books and course materials.

### AVID

AVID, a program designed to help students acquire the skills necessary to succeed in rigorous classes and ultimately be prepared for college, helps students that have good work habits and desire to improve their study skills to prepare for the future. AVID students are chosen through an application process that includes a personal interview.

### ADVANCED PLANNING SCHEDULE

The following is provided for you to design your future educational path.

Write in classes that will benefit you as you prepare for your success:

FRESHMAN YEAR

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JUNIOR YEAR

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SOPHOMORE YEAR

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SENIOR YEAR

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