

# Senior Year Plus

*College Credit Opportunities for CFHS Students*

**Advanced Placement**

**Concurrent Enrollment**

**Postsecondary Enrollment Options**

**Career Academies**

**Project Lead The Way®**

**Cedar Falls Board of Education Report**

**November 2022**

# Advanced Placement (AP®)

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## Program Overview

Advanced Placement (AP®) courses are college level courses offered by high schools. The courses, curriculum requirements, and optional tests are provided by The College Board. The College Board offers 38 courses in seven subject areas, each with an optional final exam at the completion of the course. Based on the examination score and the postsecondary institution's policies, students may be eligible for college credit or advanced standing at the college or university to which they later matriculate.

## Concurrent Enrollment

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### Program Overview

The concurrent enrollment program, also known as district-to-community college sharing, promotes rigorous academic or career technical education (CTE) pursuits by providing opportunities for high school students to enroll in eligible nonsectarian courses at or through community colleges.

Concurrent enrollment courses are offered through contractual agreements between community colleges and school districts. Through the program, community college courses are offered to classes of high school students in grades 9 through 12. The classes are college classes — even if they are held in a school district classroom. During the time of the concurrent enrollment course, the site acts as a satellite location of the college. The instructor may be a community college instructor or a high school instructor employed by the contracted district who meets state and college faculty standards and requirements.



# Postsecondary Enrollment Options Program (PSEO) ---

## **Program overview**

First established in 1987, the PSEO program is intended to promote rigorous academic pursuits and to provide a wider variety of options to high school students.

The program allows eleventh and twelfth grade students, as well as ninth and tenth grade students identified as gifted and talented by their local district, to enroll in college courses. Through the program, individual students may enroll in an eligible postsecondary course if a comparable course is not offered at their school. Successful completion of the course also generates high school credit and applies toward district subject area and graduation requirements.

The school district pays the eligible postsecondary institution for the cost of the course or \$250, whichever is lower. If the student successfully completes the course, it is provided free to the student (except possible equipment purchases). If a student fails to complete the course and is not eligible for a waiver, the student or the student's parent or guardian may be required to reimburse the district's cost.

## Project Lead the Way®

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### **Program Overview**

Project Lead the Way® (PLTW) provides science, technology, engineering, and mathematics (STEM)-oriented curriculum in several areas, including engineering, biomedical, and computer science.

Though PLTW offers curriculum spanning Pre-K through grade 12, additional support outlined below is provided to school districts offering certain PLTW offerings in grades 9 through 12 provided certain conditions are satisfied.



# Career Academies

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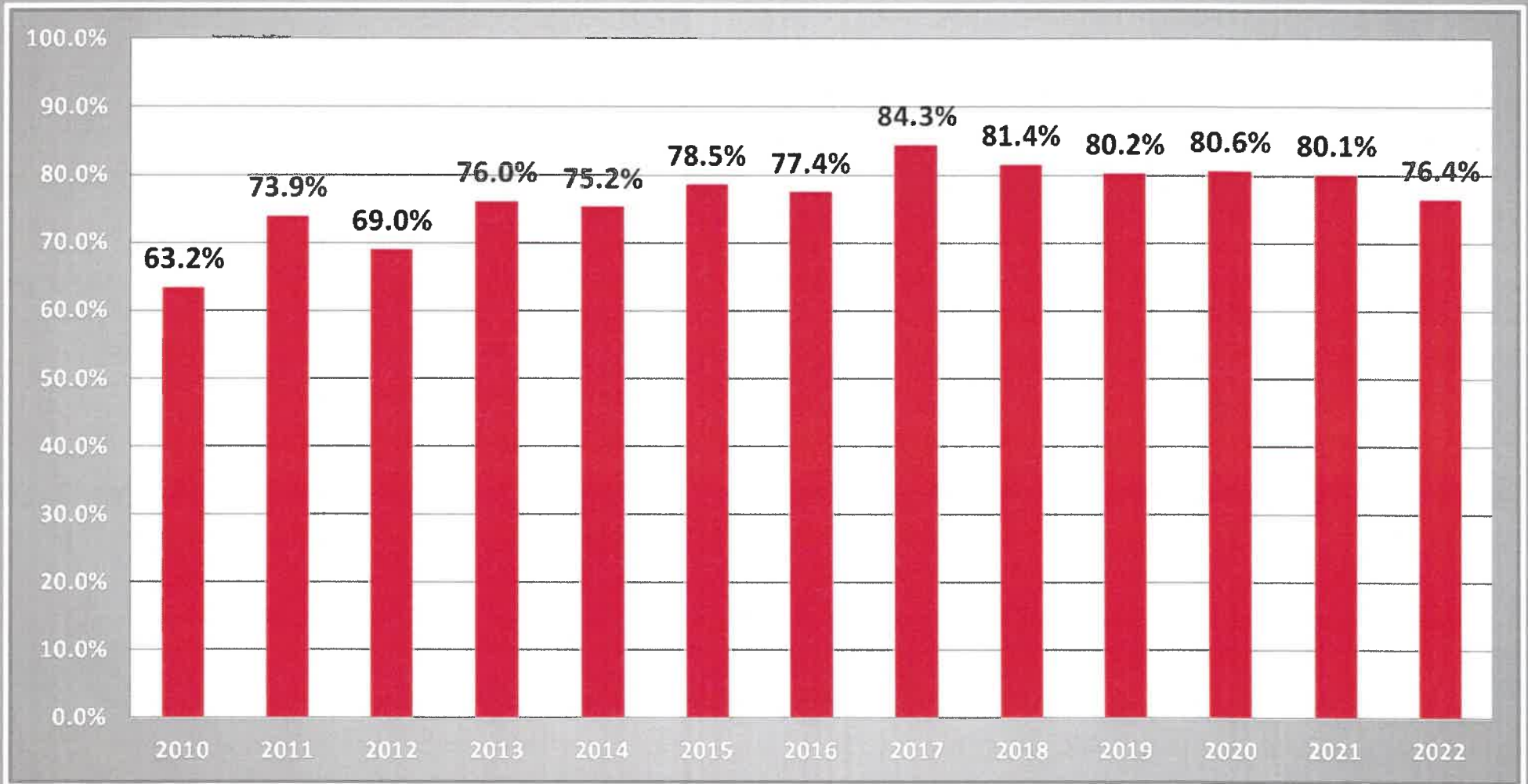
## Program Overview

Career academies are career-oriented or occupation-orientated programs of study offered to high school students through an agreement or contract between their high school and a community college. They bridge high school and community college career technical education (CTE) programs.

Iowa defines career academies differently than national models which often involve small learning communities. In Iowa, career academies are programs of study that combine a minimum of two years of secondary education with an associate degree in a career preparatory program. The career academy is a program of study that is non-duplicative, sequential, and ensures that the course of study is skill standards-based, integrates academic and technical instruction, utilizes workbased and work-site learning where appropriate and available, utilizes an individual career planning process with parent involvement, and prepares an individual for entry and advancement in a high-skill and rewarding career field.

The secondary portion of a career academy may consist of courses for high school credit only or may include contracted college credit courses. A career academy could include concurrent enrollment courses or courses used to meet CTE accreditation standards. The postsecondary portion consists of courses within a community college credit CTE program.

## **% of Graduates Enrolled in College-level Coursework while Attending CFHS AP, Concurrent, & PSEO Courses**



# Advance Placement Summary

## Cedar Falls High School

Organization Summary (Total Students: 296)																							
	Biol	Calc AB	Calc AB Subs	Calc BC	Chem	Comp Sci Prin	Eng Lang Comp	Eng Lit Comp	Env Sci	Fren Lang	Hum Geog	Micro Econ	Mus Aur Subs	Mus NonA Subs	Mus Theo	Phys 1	Phys C: Mech	Psyc	Span Lang	Stat	US Gov Pol	US Hist	Total Exams
# of Exams	42	30	20	20	15	12	22	13	26	2	99	1	5	5	5	1	22	40	3	35	40	32	460
Average Score	3.7	3.2	3.2	2.9	3.7	4.1	4.1	4.4	4.0	4.0	3.9	5.0	4.8	4.4	4.8	4.0	3.2	4.4	4.7	3.6	3.9	3.9	3.8
% of Exams with Scores of 3 or Higher	98%	73%	60%	50%	93%	92%	100%	100%	96%	100%	86%	100%	100%	100%	100%	100%	77%	98%	100%	74%	90%	91%	87%

**\*\* Above totals include ALL CFHS students, 10th through 12th grade, enrolled in AP courses.**

**10th Grade = 112 Students** enrolled in 1 or more AP courses

**11th Grade = 77 Students** enrolled in 1 or more AP courses

**12th Grade = 132 Students** enrolled in 1 or more AP courses

**Nearly 90% of students taking the AP exam received scores of 3 or higher.**

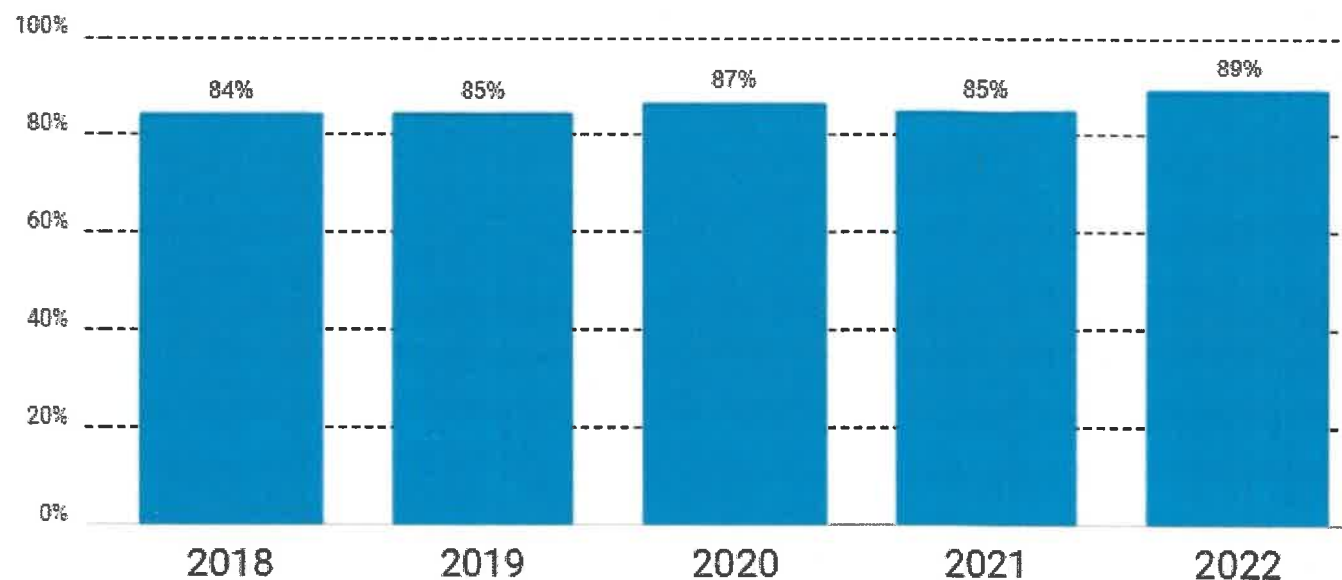


# Five Year AP Score Summary

## Cedar Falls High School



% OF TOTAL AP STUDENTS WITH SCORES 3+



SCHOOL SUMMARY

	2018	2019	2020	2021	2022
Total AP Students	261	252	267	279	296
Number of Exams	414	376	416	462	460
AP Students with Scores 3+	220	213	231	237	264
% of Total AP Students with Scores 3+	84.29	84.52	86.52	84.95	89.19



**# of Hawkeye Community College Courses  
Taken By CFHS Seniors During 21-22 School Year**

<b>5 Students</b>	<b>9 Students</b>	<b>27 Students</b>	<b>45 Students</b>	<b>65 Students</b>	<b>67 Students</b>	<b>57 Students</b>	<b>40 Students</b>
<b>were enrolled in</b>	<b>were enrolled in</b>	<b>were enrolled in</b>	<b>were enrolled in</b>	<b>were enrolled in</b>	<b>were enrolled in</b>	<b>were enrolled in</b>	<b>were enrolled in</b>
<b>8 Courses</b>	<b>7 Courses</b>	<b>6 Courses</b>	<b>5 Courses</b>	<b>4 Courses</b>	<b>3 Courses</b>	<b>2 Courses</b>	<b>1 Course</b>

Hawkeye Community College Course	# of CFHS Seniors Enrolled During 21-22 School Year	Hawkeye Community College Course	# of CFHS Seniors Enrolled During 21-22 School Year
HCC Comp II	142	HCC GMAW Short Circuit	8
HCC Statistics	138	HCC Intro to Welding, Safety and Health	8
HCC Fundamentals of Oral Communication	128	HCC GMAW Developmental I	8
HCC Fund of Oral Communication	108	HCC WCC Nursing Aide Assistant	7
HCC Introduction to Sociology	105	HCC Intro to Automotive Technology	6
HCC Composition	103	HCC Intro to Automotive Technology II	6
HCC Introduction to Business	39	HCC PLTW Principles of Engineering II	5
HCC CAPS Exploration of Business Careers	36	HCC CAPS Health CNA	4
HCC CAPS Intro to Health Professions	32	HCC WCC Human Anatomy and Physiology I	3
HCC Western Civilization II	25	HCC WCC Video Production	2
HCC CAPS Industries WPBL	25	HCC WCC Medical Terminology	2
HCC Business Law	24	HCC WCC Emergency Medical Responder	2
HCC Fundamentals of Oral Comm. Online	24	HCC Intermediate Spanish I	1
HCC CAPS Industries Construction Safety	23	HCC WCC Plumbing I	1
HCC Intermediate Spanish II	23	HCC WCC Intro to Health Professions	1
HCC CAPS Academic Service Learning Exp	20	HCC WCC Graphic Imaging	1
HCC CAPS Exploring PK-12 Education	20	HCC WCC Anatomy and Physiology II	1
HCC CAPS Explore of Engineering Careers	15	HCC WCC Principles of Electricity	1
HCC Introduction to Computers	10	HCC WCC Drawing and Composition	1

**1108 = Total # of HCC Enrollments By CFHS Seniors During 21-22 School Year**

**317 students took 1 or more HCC courses \* 73% of 2022 Graduates**

**38 Different HCC Courses**





# UNI Course Enrollment

Cedar Falls High School

2021 - 2022

17 CFHS students • 31 Course Enrollments • 22 Different Courses

<u>Course Name</u>	<u># Students Enrolled</u>	<u>Course Name</u>	<u># Students Enrolled</u>
Basic Nutrition	1	General Physics II	1
Calculus II	1	Humanities III	1
Calculus III	4	International Organizations	1
Contemporary Political Problems	1	Introduction to Computing	1
Craft of Creative Non-Fiction	2	Life: The Natural World	1
Discrete Structures	2	Linear Algebra Applications	5
Elementary Chinese	1	New Testament and Early Christian Writing	1
Elementary Chinese II	1	Physics II for Science and Engineering	1
General Bio: Cell Structure and Lab	1	Principles of Macroeconomics	1
General Bio: Organismal Diversity and Lab	2	Survey of Art History I	1
General Chemistry II	1		

## UNI Courses CFHS Seniors Enrolled in During the 21-22 School Year

Basic Nutrition  
 Calculus II  
 Craft of Creative Non Fiction  
 Discrete Structures  
 Elementary Chinese I  
 General Bio: Cell Structure and Lab  
 General Bio:Organismal Diversity and Lab  
 General Physics II  
 Linear Algebra Applications  
 Calculus III  
 Contemporary Political Problems  
 Elementary Chinese II  
 General Chemistry II  
 Humanities III  
 International Organizations  
 Introduction to Computing  
 Life The Natural World  
 Linear Algebra Applications  
 New Testament and Early Christian Writin  
 Physics II for Science and Engineering  
 Principles of Macroeconomics  
 Survey of Art History I

## Examples - UNI Courses Taken By Students

### Senior #1 - 5 UNI Courses

Elementary Chinese I  
 General Bio:Organismal Diversity and Lab  
 Elementary Chinese II  
 International Organizations  
 Life The Natural World

### Senior #2 - 4 UNI Courses

General Physics II  
 Linear Algebra Applications  
 Calculus III  
 Physics II for Science and Engineering

### Senior #3 - 3 UNI Courses

General Bio: Cell Structure and Lab  
 General Bio:Organismal Diversity and Lab  
 Basic Nutrition

### Senior #4 - 2 Courses

Calculus II  
 Calculus III

### Senior #5 - 2 Courses

Linear Algebra Applications  
 Calculus III

### Senior #6 - 2 Courses

Linear Algebra Applications  
 Calculus III

### Senior #7 - 2 Courses

Linear Algebra Applications  
 Discrete Structures

### Senior #8 - 2 Courses

Linear Algebra Applications  
 Principles of Macroeconomics

# CFHS Class of 2022 - Where are they going?

**Employment**  
65 students = 15%

## Iowa Regent Universities

159 students = 36%

**UNI - 51**

**Iowa - 68**

**Iowa State - 40**

## Community College

124 students = 28%

DMACC - 3

Ellsworth - 3

**Hawkeye - 107**

Iowa Central - 2

Iowa Western - 1

Kirkwood - 8

## Technical Schools

4 students = .9%

Capri - 2

LaJames

Livinston Aviation

## Military

6 students = 1%

Air Force - 1

Army - 2

Marines - 3

## Undecided/Unknown

28 students = 6%

## Iowa Private Colleges

28 students = 6 %

Buena Vista - 2

Central - 4

Clark - 1

Cornell - 2

Grandview - 4

**Luther - 1**

Morningside - 1

Mount Mercy - 1

Northwestern - 1

St. Ambrose - 1

University of Dubuque - 2

Upper Iowa - 3

**Wartburg - 4**

## Out of State

33 students 7%

Adelphi University

Atlanta Metropolitan State College

Augustana College Sioux Falls

Belmont University

Boston University

Brigham Young University

Carleton College

Colorado Mesa University

Colorado State University

Concordia University Nebraska

Duke University

Goshen College

Loyola University Chicago

Michigan State University

Midland University Nebraska

Minnesota State University Mankato

North Dakota State University

Purdue University

Southwest Wisconsin Technical College

Swarthmore College

University of Arizona

University of Hartford-Connecticut

University of Kansas

University of Kentucky

University of Nebraska/Lincoln

University of North Carolina Wilmington

University of South Dakota

University of Southern California

University of Wisconsin Stout

University of Wisconsin Eau Claire

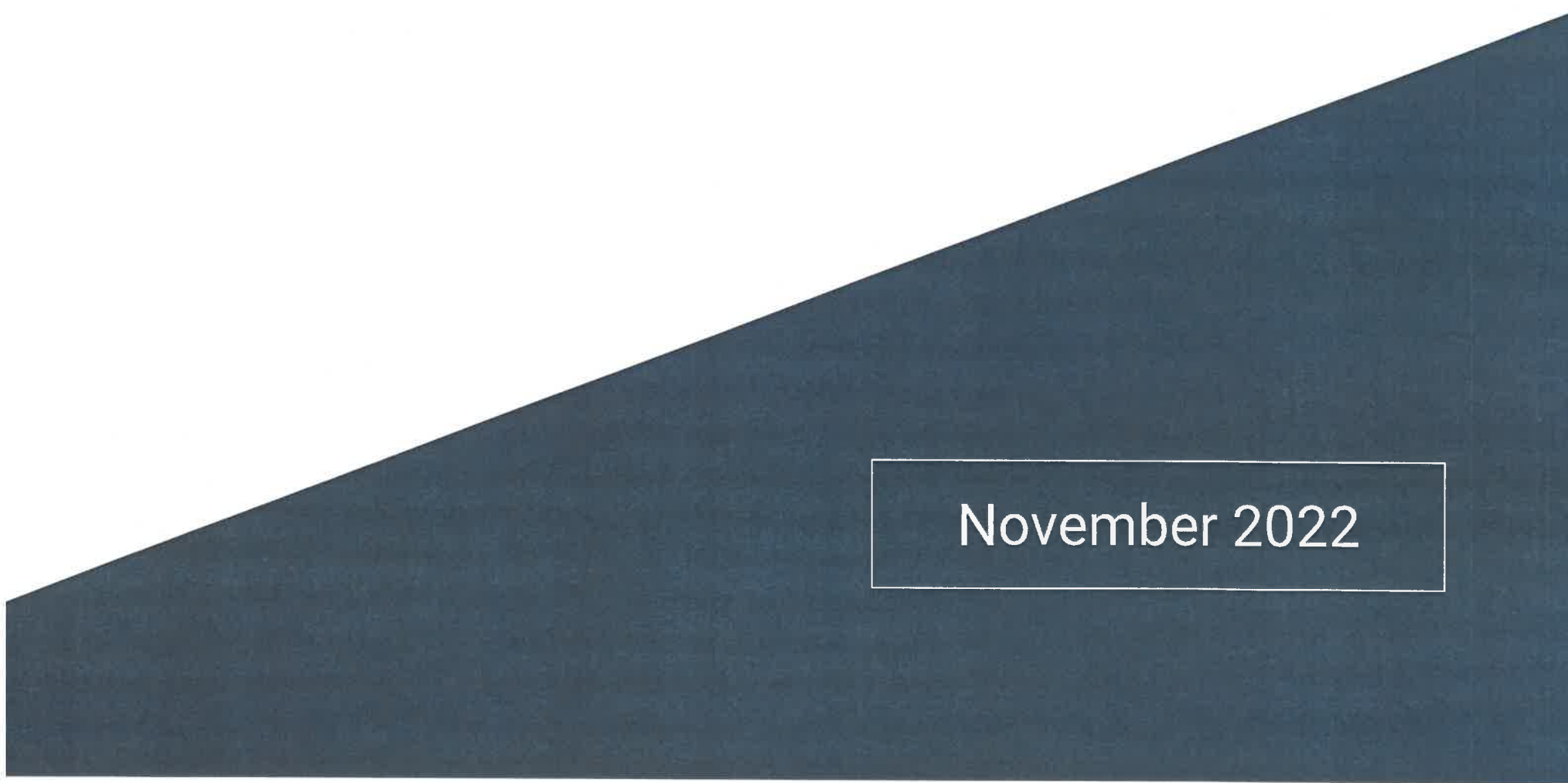
**TOTAL Students = 447\***

\*Numbers do not include TAP graduates



# **Cedar Falls Community Schools**

## **ACT Test Results**

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November 2022

# Breakdown of ACT Testing Participants

September 2021 – July 2022

## Totals

387 students took the ACT test between September 2021 and July 2022.

- 133 = May 2022 graduates
- 236 = 11th grade
- 16 = 10th grade
- 1 = 9th Grade
- 0 = 8th grade
- 1 = 7th grade

## Quick Overview of Results

Composite scores ranged from a high of 36, a perfect score, to a low of 13.

The perfect score of 36 was achieved by a sophomore who had taken the ACT only month prior, achieving a score of 35 at that first testing.

## Demographics of Test-Takers

- 184 of the students were female
- 203 of the students were male
- 34% of the test-takers were 12th graders

# Questions?