

# 新竹縣康乃爾美國學校

## HSINCHU COUNTY AMERICAN SCHOOL



2024 - 2025

# HIGH SCHOOL PROFILE

## 高中部學術發展簡介

Established: 2016    CEEB Code: 694032

Contact ■ +886-3-550-6780

No. 189, Gaotie 2nd Rd., Zhubei City,  
Hsinchu County, Taiwan 302

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# Our Mission

The mission of HCAS is to educate the whole person using the Dalton Plan to develop individuals who contribute to humanity. Our community of lifelong learners fosters healthy, creative, social, and globally-minded individuals who can think independently and critically. Our students strive for academic excellence by taking a challenging, balanced curriculum in core disciplines, the Arts, and technology as embodied by the Seven C's, which are: Contribution, Communication, Community, Compassion, Critical Thinking, Collaboration, and Creativity,

# School Philosophy

Established in 2016, HCAS utilizes the Dalton Plan, a progressive educational framework, developed by Helen Parkhurst in the early 20th century. Focusing on developing the whole child, the Dalton Plan tailors each student's program to his or her needs, interests, and abilities. HCAS promotes both independence and dependability, and a sense of responsibility toward others. Encouraging cooperation within the community and providing an environment of freedom for individuals as the two principles, HCAS utilizes Dalton's three parts - House, Assignment, and Laboratory. In addition to the Dalton Plan as the conceptual framework, HCAS incorporates project-based learning for both formative and summative assessments in all grades.

# Affiliations

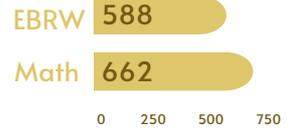
HCAS is licensed by the Hsinchu County Government and recognized by Taiwan's Ministry of Education according to the laws that govern private and international schools in Taiwan. We have also received a 6-year accreditation from ACS WASC. The School's main medium of instruction is in English, and our student body comprises of nationalities from USA, Canada, Japan, Korea...etc. HCAS is associated with the College Board and uses online schools (ASU, VHS Learning and iCademy) for credit recovery, acceleration, and courses not offered at HCAS. We implement NWEA MAP testing to assess student growth in grades 1~8 and PSAT, SAT, and AP exams to assess attainment in grades 9-12.

# Statistics

SAT Total Score Avg.

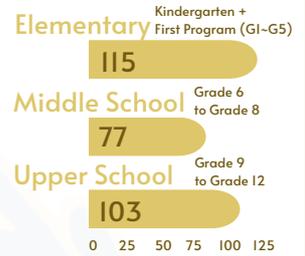
1251

Number of Tests Taken: 66



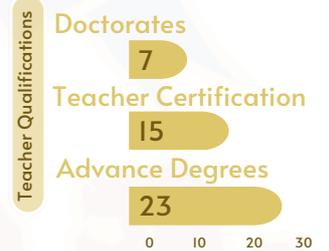
Enrollment

295



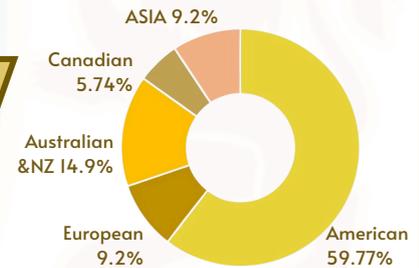
Faculty

45



Matriculations

87



Teaching Ratio



With an average teacher-student ratio of 1 teacher to 8 students. HCAS utilizes 40-minute segments for the First Program, and the Middle and Upper Schools use the block schedule of 80 minutes per class.



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# COURSE OFFERINGS

Including 23 AP & 13 PRE-AP Courses

## English

- AP English Language and Composition
- AP English Literature and Composition
- English Language and Literature II
- English Language and Literature III
- English Language and Literature IV
- Pre-AP English I
- Pre-AP Honors English I
- Pre-AP Honors English 2
- Pre-AP Regular English 2

## Science

- AP Biology
- AP Chemistry
- AP Physics I: Algebra-Based
- AP Physics C: Mechanics
- AP Physics C: Electricity and Magnetism
- AP Environmental Science Chemistry
- Physics
- Pre-AP Biology
- Pre-AP Chemistry

## World Languages

- Chinese as an Additional Language I
- Chinese as an Additional Language II
- Chinese as an Additional Language IV
- French I
- French II
- French III
- French IV
- Spanish I
- Spanish II
- Spanish III
- Spanish IV

## Mathematics

- AP Statistics
- AP Calculus AB
- AP Calculus BC
- Algebra II
- Linear Algebra
- Math Application
- Pre-AP Geometry with Statistics
- Pre-AP Honors Algebra II
- Pre-AP Regular Algebra II
- Precalculus
- Statistics

## Social Studies / Social Sciences

- AP Macroeconomics
- AP Microeconomics
- AP Psychology
- AP World History: Modern
- AP United States History
- AP United States Government and Politics
- Introduction to Business
- Pre-AP World History and Geography Pathway I
- Pre-AP World History and Geography Pathway 2
- United States History

## Fine & Performing Arts

- AP Music Theory
- AP 2D Art and Design
- AP 3D Art and Design
- AP Drawing Introduction to Dance
- Dance I
- Music Ensemble
- Pre-AP Music
- Pre-AP Visual Art
- Studio Art
- Theatre

## Physical Education

- Health
- Physical Education

## Computer Science

- AP Computer Science: Principles
- AP Computer Science A
- Computer Science

## LAB & EC

Over 40 student-run LAB courses & 30+ after-school extracurricular activities for students to sign up

### AP TEST RESULTS

Course Title	Number of Tests Taken	# of 3s	# of 4s	# of 5s
2-D Art and Design	6	5	0	0
3-D Art and Design	5	4	1	0
Biology	2	1	0	0
Calculus AB	7	1	4	1
Calculus BC	7	0	3	3
Chemistry	7	0	3	1
Computer Science A	8	0	5	3
Computer Science Principles	13	2	5	6
English Language & Composition	7	1	5	0
English Literature & Composition	3	0	0	3
Environmental Science	24	6	8	1
Macroeconomics	10	3	2	3
Microeconomics	12	2	5	1
Music Theory	1	0	0	1
Physics I	15	5	4	3
Physics C: Electricity & Magnetism	5	2	0	3
Physics C: Mechanics	5	2	0	3
Psychology	6	0	1	5
Statistics	17	2	5	5
United States History	9	1	7	1
World History	20	1	7	12
<b>Total</b>	<b>200</b>	<b>38</b>	<b>67</b>	<b>64</b>

### SAT RESULTS

# of Tests Taken	Total Score Avg.	EBRW Average	Math Average
66	1251	588	662

### GRADING SCALE

Letter Grade	Percentage	Reg. GPA Scale	AP GPA Scale
A+	98-100	4.3	4.8
A	93-97	4.0	4.5
A-	90-92	3.7	4.2
B+	88-89	3.3	3.8
B	83-87	3.0	3.5
B-	80-82	2.7	3.2
C+	78-79	2.3	2.8
C	73-77	2.0	2.5
C-	70-72	1.7	2.2
D+	68-69	1.3	1.8
D	63-67	1.0	1.5
D-	60-62	0.7	1.2
F	0-59	0	0

### GRADUATION REQUIREMENTS

Subject	Minimum Credits Required	Recommended for College
English	4	4
Social Studies	3	4
Math	3	4
Science	3	4
World Language	2	4
Fine & Performing Arts	1	1
Physical & Health Ed.	2	2
Electives	4	3
<b>Total</b>	<b>22</b>	<b>28</b>



 **UNITED STATES**

American University
Arizona State University
Baylor University
Boston University
California College of the Arts
California State University, Fullerton
Carnegie Mellon University
Case Western Reserve University
Drew University
Drexel University
Duke University
Emory University
Fordham Institute of Design and Merchandising
Fordham University
George Mason University
Georgia Institute of Technology
Harvey Mudd College
Hofstra University
Indiana University Bloomington
Jacobs School of Music
Leiden University
Loyola Marymount University
Michigan State University
New York University
New York University, Stern School of Business
Northwestern University
Ohio State University
Oregon State University
Penn State University
Pratt Institute
Purdue University
Rensselaer Polytechnic Institute
Rice University
Rutgers University
Saint Louis University
San Diego State University
San Francisco State University
Santa Clara University
Savannah College of Art and Design
Southern Methodist University
Stevens Institute of Technology
Stony Brook University
Syracuse University
Texas A&M University

University at Buffalo-SUNY
University of California, Berkeley
University of California, Davis
University of California, Irvine
University of California, Los Angeles
University of California, Riverside
University of California, San Diego
University of California, Santa Barbara
University of California, Santa Cruz
University of Connecticut
University of Florida
University of Idaho
University of Illinois-Urbana Champagne
University of Leeds Oregon State University
University of Maryland
University of Massachusetts-Amherst
University of Michigan-Ann Arbor
University of Oregon
University of Pennsylvania (Ivy League)
University of San Francisco
University of San Diego
University of Southern California
University of Texas at Austin
University of Utah
University of Washington
University of Washington, Seattle Campus
University of Washington, Tacoma Campus
University of Wisconsin-Madison
Vanderbilt University
Virginia Tech
Washington University in St. Louis
Wesleyan University

 **EUROPE**

King's College
University College London
University of Amsterdam
University of Birmingham
University of Cambridge
University of Groningen
University of Leeds
University of Manchester
University of Pecs
University of Salford
University of Southampton
University of Winchester
Utrecht University

 **AUSTRALIA & NEW ZEALAND**

Griffith University
Monash University
University of Auckland
University of Melbourne
University of New South Wales
University of Queensland
University of Sydney
University of Western Australia

 **ASIA**

Hangyang University, Korea
Hong Kong Polytech University
Nangyang Technological University, SG
Sunkyunkwan University, Korea
Temple University Japan
University of Tokyo

 **CANADA**

Queen's University
University of British Columbia
University of Ottawa
University of Toronto





# UNITED STATES

College / University	Class of '24	6-yr's Total
Arizona State University	-	2
Boston University	-	1
California State University, Fullerton	1	1
Fashion Institute of Technology	-	1
Forham University	1	2
Indiana University Bloomington	-	1
New York University	1	1
Northeastern University	1	2
Ohio State University	-	1
Oregon State University	-	1
Pasadena City College	-	1
Purdue University	1	2
Santa Barbara College	-	1
School of Visual Arts	-	1
St. John's University	-	1
Stonybrook University	1	1
Syracuse University	-	1
University of California, Berkeley	-	3
University of California, Irvine	1	2
University of California, Los Angeles	-	3
University of California, San Diego	2	3
University of California, Santa Barbara	-	1
University of California, Riverside	-	1
University of Idaho	1	1
University of Pennsylvania	1	1
University of San Francisco	-	1
University of Southern California	-	2
University of Washington	-	3
University of Washington, Seattle Campus	1	3
University of Washington, Tacoma Campus	1	1
University of Wisconsin-Madison	1	2
University of Illinois Urbana Champaign	-	1
Vanderbilt University	-	1
Virginia Tech	-	1
Wesleyan University	-	1
<b>Total</b>	<b>14</b>	<b>52</b>



# EUROPE

College / University	Class of '24	6-yr's Total
AECC University College	-	1
EU Busines School	-	1
King's College London	-	1
University of Arts, London	-	2
University of Cambridge	-	1
University of Debrecen	-	1
University of Pecs (Hungary)	1	1
<b>Total</b>	<b>1</b>	<b>8</b>



# AUSTRALIA

College / University	Class of '24	6-yr's Total
Griffith University	-	2
Monash University	-	1
University of Melbourne	1	1
University of New South Wales	-	4
University of Queensland	1	2
University of Sydney	-	3
<b>Total</b>	<b>2</b>	<b>13</b>



# CANADA

College / University	Class of '24	6-yr's Total
University of British Columbia	1	1
University of Ottawa	-	1
University of Toronto	-	3
<b>Total</b>	<b>1</b>	<b>5</b>



# ASIA

College / University	Class of '24	6-yr's Total
City University of Hong Kong	-	1
Fu Jen Catholic University	-	1
Hsuan Chuang University	-	1
Nanyang Technological University	-	1
Okayama University	-	1
Temple University, Japan	-	1
Tonghai University	-	1
Yonsei University, Korea	1	1
<b>Total</b>	<b>1</b>	<b>8</b>

Ptefer not to disclose	1	1
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