



新竹縣康乃爾美國學校
Hsinchu County American School

School Profile

2022 - 2023

Website: <https://hcas.tw>

CEEB Code: 694032 College Board Testing Site

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AUT VIAM INVENIAM AUT FACIAM

"We shall either find a way or make one."

Debra Willacey
Principal

Nathan Bryant
Assistant Principal

Established in 2016, Hsinchu County American School (HCAS) is an independent, college preparatory, co-education day school in Zhubei City, Taiwan with a K-12 student capacity of 360 on one campus.

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College Counselors
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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 Cs.

■ AFFILIATIONS

HCAS was licensed by Hsinchu County Government and recognized by the 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.

HCAS is associated with the College Board and uses online schools (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.

■ DIVISIONS

HCAS has four divisions: Kindergarten, First Program, Middle School and Upper School. The First Program consists of grades 1 to 4, and the Middle School consists of grades 5 to 8. Our Upper School consists of grades 9 to 12. HCAS utilizes 40-minute segments for the First Program, and the Middle and Upper Schools use the block schedule of 80 minutes per class.

■ TEACHERS

HCAS has 47 teachers including our 2 College Counselors. Thirty-two of our teachers have their teacher certification or are in the process of obtaining it; 24 faculty members hold advanced degrees, including three doctorates. Among our 25 female and 22 male teachers, 17 are U.S. nationals, 7 from Taiwan (including three Chinese language arts teachers), and others from Canada (6), UK (2), Indonesia (1), India (3), France (1), Australia (1), St. Lucia (1), Hungary (1), Turkmenistan (1), Belize (1), Ireland (1), Hong Kong (1), Namibia (1), Mauritius (1), and New Zealand (1).

■ PHILOSOPHY

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.

■ COMMUNITY

HCAS currently educates around 338 students from 24 different nations. Students who graduate are attending universities in the North America, Europe, Australia, and Asia.

Maximum Class Size: 25 students

Average Student-Teacher Ratio: 8:1

EXTERNAL EXAM RESULTS

AP TEST RESULTS

AP Course	# of Tests Taken	# of 3s	# of 4s	# of 5s	HCAS Average	Global Average
2-D Art and Design	1	0	1	0	4	3.43
3-D Art and Design	4	1	3	0	3.75	3.13
Biology	5	2	2	1	3.29	3.11
Calculus AB	2	0	1	1	2.71	2.91
Calculus BC	10	2	2	6	3.92	3.68
Chemistry	5	1	2	2	3.25	2.73
Chinese Language and Culture	17	0	3	14	4.82	3.97
Computer Science A	2	0	1	1	2.5	3.2
Computer Science Principles	11	2	3	6	4.17	2.91
Drawing	2	0	1	1	4.5	3.55
English Language and Composition	8	2	1	5	4.38	2.83
English Literature and Composition	2	0	2	0	3	3.31
Environmental Science	6	1	3	2	3.5	2.8
Macroeconomics	11	1	2	8	4.42	2.72
Microeconomics	10	2	2	6	4.18	2.93
Music Theory	2	0	0	2	5	3.03
Physics I	7	1	1	5	3.6	2.47
Physics 2	0	0	0	0	2	3.14
Physics C: Electricity and Magnetism	4	1	0	3	4.5	3.43
Physics C: Mechanics	4	1	1	2	4.25	3.41
Psychology	7	1	2	4	3.67	2.86
Statistics	10	1	2	7	4.36	2.89
United States History	1	0	1	0	4	2.57
World History: Modern	6	0	1	5	4.83	2.96
Total	137	19	37	81	3.86	3.08

SAT RESULTS



The SAT was administered to 60 students in the 2021-2022 school year. The Class of 2022 (14 students) had an average total score of 1233.

Grade Level	Number of Tests Taken	Total Score Average	EBRW Average	Math Average
12	19	1233	560	673
11	39	1316	606	709
10	2	1250	580	670

GRADUATION REQUIREMENTS AND GRADING SCALE

Subject	Minimum Credits Required	Recommended for College
English	4	4
Mathematics	3	4
Science	3	4
Social Studies/Social Sciences	3	4
World Languages	2	4
Fine and Performing Arts	1	1
Physical and Health Education	2	2
Electives	4	3
Total	22	26

Letter Grade	Percentage
A+	98 - 100
A	93 - 97
A-	90 - 92
B+	88 - 89
B	83 - 87
B-	80 - 82
C+	78 - 79
C	73 - 77
C-	70 - 72
D+	68 - 69
D	63 - 67
D-	60 - 62
F	0 - 59

2022 – 2023 COURSE OFFERING



English

Pre-AP English 1
English Language and Literature II
English Language and Literature III
English Language and Literature IV
AP English Language and Composition
AP English Literature and Composition
Stories in English Set in China
The Postmodern Novel

Mathematics

Pre-AP Geometry with Statistics
Algebra II
Precalculus
AP Statistics
AP Calculus AB
AP Calculus BC
Linear Algebra

Computer Science

Computer Science
AP Computer Science: Principles
AP Computer Science A

Science

Pre-AP Biology
Chemistry
Physics
AP Biology
AP Chemistry
AP Physics 1: Algebra-Based
AP Physics C: Mechanics
AP Physics C: Electricity and Magnetism
AP Environmental Science

Social Studies/Social Sciences

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

Physical Education

Physical Education
Health

World Languages

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

Fine and Performing Arts

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

UNIVERSITY ACCEPTANCES – CLASS OF 2022

United States of America

- American University (#76)
- Arizona State University
- Bard College (#62 in National Liberal Arts Colleges)
- Boston University (#42)
- California Polytechnic State University San Luis Obispo
- California State University Fullerton
- California State University Long Beach
- Case Western Reserve University (#42)
- College of Charleston
- Digi Pen Institute of Technology (#8 Best Colleges for film)
- Drexel University
- Fashion Institute of Technology
- Michigan State University (#85)
- New York University (#2s)
- Northeastern University (#49)
- Oregon State University
- Penn State University (#62)
- Purdue University (#49)
- Rensselaer Polytechnic Institute (#55)
- Rose-Hulman Institute of Technology
- San Diego State University
- Southern Methodist University (#68)
- Stevens Institute of Technology (#83)
- Stony Brook University (#93)
- Temple University
- The Cooper Union
- University of California Berkeley (#22)
- University of California Los Angeles (#20)
- University of California-Davis (#38)
- University of California-Irvine (#36)
- University of California-Merced (#93)
- University of California-Riverside (#83)
- University of California-San Diego (#34)
- University of California-Santa Cruz
- University of Connecticut (#63)
- University of Delaware (#93)
- University of Illinois-Chicago
- University of Illinois-Urbana Champagne (#47)
- University of Miami (#55)
- University of Oregon (#99)
- University of Rochester (#34)
- University of San Diego (#93)
- University of San Francisco
- University of Syracuse (#53)
- University of Washington-Seattle (#59)
- Vanderbilt University (#14)
- Whitman College (#38 in National Liberal Arts Colleges)
- Worcester Polytechnic Institute (#63)

Europe

- Aalto University
- AECU University
- Amsterdam University College
- Manchester Metropolitan University
- McTimoney College of Chiropractic
- Nottingham Trent University
- Teesside University
- University College London (QS World #8)
- University of Amsterdam (QS World#55)
- University of Arts London (QS World Art/Design #2)
- University of Cambridge (World #2)
- University of Groningen
- University of South Wales
- University of Southampton (QS World #77)
- University of Westminster

Canada

- University of Westminster

Australia and New Zealand

- La Trobe University
- Monash University (QS World #55)
- Queensland University of Technology
- RMIT
- The University of Western Australia (QSWorld#85)
- University of Auckland (QS World #81)
- University of Griffith
- University of Macquarie
- University of Melbourne (QS World #33)
- University of New South Wales University of Canterbury
- University of Queensland (QS World #63)
- University of Sydney (QS World #28)
- Western Sydney University

Asia

- City University of Hong Kong
- Nanyang Technological University (QS World 19)
- The Hong Kong Polytechnic University