



CATS ACADEMY PROFILE 2017/2018

CATS Academy Boston
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GRADING SCALE (unweighted)

A+ = 97 – 100 / 4.0
A = 93 – 96 / 4.0
A - = 90 – 92 / 3.67
B+ = 87 – 89 / 3.33
B = 83 – 86 / 3.0
B- = 80 – 82 / 2.67
C+ = 77 – 79 / 2.33
C = 73 – 76 / 2.0
C- = 70 – 72 / 1.67
D+ = 67 – 69 / 1.33
D = 63 – 66 / 1.0
D- = 60 – 62 / 0.67

CATS Boston offers an American college-preparatory curriculum to a predominantly international student body in grades 9 – 12 who are linguistically, culturally, and academically diverse. With a current enrollment of 391, including 14 participating in a Fall semester visiting program, there are 343 boarders, 18 homestays, and 30 day students. There are 146 seniors in the Class of 2018.

THE ACADEMIC PROGRAM

CATS Boston provides college-preparatory core courses, a range of electives, 18 AP courses, and 16 Honors courses. Each year students enroll in at least five core courses plus elective(s) based on individual learning recommendations. Progress through the levels of standard college-prep to Honors, to AP, to Independent Study is based on departmental faculty recommendations.

Of note: the English curriculum is uniquely titled, e.g., not English 9, etc. with cardinal numbers. The Multivariable Calculus Honors students all sit for the AP Calculus BC Examination.

CATS INNOVATION

An integral part of the curriculum, CATS Innovation is a program that is interdisciplinary, experiential, and creative. Electives in this Department offer students hand-on experience in innovation, entrepreneurship, environmental responsibility, and social justice. Through CATS Innovation, students explore areas of interest that provide insight into college studies and potential career paths. These courses are intended to develop students' communication, teamwork, leadership, and decision-making skills. CATS Innovation is an elevation of STEM as shown in the courses and electives included in this profile.

COURSE WITHDRAWAL POLICY

Courses from which a student withdraws before the mid-semester are not shown on the transcript; withdrawals after the mid-semester point are indicated as Withdrew Passing (W/P), Withdrew Failing (W/F). INC indicates final grade to be determined by pending work and granted only in extreme circumstances, e.g., medical or family circumstances.

SUMMER SCHOOL POLICY

Students are allowed to re-take one class with a grade below C- in a CATS Boston approved summer school or online course in order to meet CATS Boston's promotion standards. The grade earned in the summer course will be added to the transcript, then the CATS Year Grade and the Summer School grade will be calculated into the GPA.

CATS BOSTON DOES NOT RANK ITS STUDENTS

ACCREDITATION AND MEMBERSHIPS

CATS Boston is accredited by the New England Association of Schools and Colleges. CATS Boston is a member of the National Association of Independent Schools and The National Honor Society. CATS Boston is a secondary school member of the National Association for College Admissions Counseling and two of its affiliates, the New England Association and the International Association.

Department	Graduation Requirements
English	One year of English for every year you are enrolled in a U.S. high school.
English as a Second Language (ESL)	Non-native English speakers only: one year of ESL for every year at CATS Academy unless you achieve a score of 100 or higher on TOEFL or a 7.5 for IELTS.
Fine Arts (Music, Fashion, Painting, Drawing, Art History, Theatre)	Students entering CATS Academy Grade 9 and 10: two semesters of Fine Arts. Students entering Grade 11: one semester of Fine Arts. Students entering Grade 12; no requirement.
Mathematics	Four years of math in the U.S. or another country, acquiring a minimum level of Algebra II by graduation.
Science	Three years of science, which will include two years of lab science (Biology, Chemistry, or Physics) in the U.S. or another country.
Social Science	Three years of social science in the U.S. or another country, including at least one year of U.S. History.
World Languages	Native English speaker only: Level 3 in a World Language by the time you graduate; optional for ESL students.

COURSES AND ELECTIVES 2017/2018

ENGLISH AS A SECOND LANGUAGE

ESL Level 2 (pre-intermediate)
ESL Level 3 (intermediate)
ESL Level 4 (upper-intermediate)
ESL Level 5 (advanced)

CATS EXTRA

CATS Extra Communication
CATS Extra Academic ESL
CATS Extra Literature 101
CATS Extra Social Science
CATS Extra Integrated Mathematics
CATS Extra Integrated Science

ENGLISH LITERATURE

English Skills: Level 1
Society and the Individual: Level 1
The Universal in Literature: Level 2
Evolution of the American Dream: Level 3
British Literature: Level 4
AP English Language and Composition
Creative Writing
Economics in Literature *
Studies in Global Contemporary Literature *

SOCIAL SCIENCE

History and Human Behavior College Prep
History and Human Behavior Honors
ESL United States History
United States History Survey College Prep
United States History Survey Honors
Contemporary Issues College Prep *
Facing History College Prep
Introduction to Law College Prep *
Introduction to Philosophy College Prep *
Macroeconomics College Prep *
AP Macroeconomics
Microeconomics College Prep *
AP Microeconomics
AP United States History
AP Human Geography

MATHEMATICS

Algebra I
Geometry College Prep
Geometry Honors
Algebra II College Prep
Algebra II Honors
Pre-Calculus College Prep
Pre-Calculus Honors
Discrete Mathematics College Prep
Introduction to Abstract Mathematical Thought
Calculus Honors
AP Calculus AB
Multivariable Calculus Honors
Statistics Honors
AP Statistics
AP Computer Science A
AP Computer Science—Principles
Game Theory *

VISUAL ARTS

AP Art History
AP Studio Art: 2-D Design
AP Studio Art: Drawing
Digital Imaging/Internet Self-Marketing
Digital Photography and Video Production
Visual Storytelling *
Introduction to Fashion Design Advanced
Fashion: Technology and Marketing
Advanced Fashion: Construction
Studio Art: Introduction to Drawing
Studio Art: Introduction to Painting Studio
Art: Advanced Drawing and Painting

BUSINESS

Financial Management
Professional Communications*

WORLD LANGUAGES

French Level 1–4
Spanish Level 1–4
AP Spanish Language and Culture
CATS Academy Boston is pleased to offer both Mandarin Chinese and Italian online.

SCIENCE

ESL General Science
Biology College Prep
Biology Honors
AP Biology
Biotechnology *
Chemistry College Prep
Chemistry Honors
AP Chemistry
Environmental Science College Prep *
AP Environmental Science
Genetics Honors
Physics College Prep
Physics Honors
AP Physics C: Mechanics
AP Physics C: Electricity and Magnetism
Big Data *

TECHNOLOGY

Computer-Aided Drafting *
Introduction to Front-end Web Development *
Open Source Engineering *
Robotics *

DRAMA

Introduction to Acting: Actors Studio
Advanced Actors Studio *
Acting: Character Development/Scene Study

MUSIC

Chorus: Voices On!
Introduction to Keyboard
Advanced Keyboard
Business of Music *
Music Technology and Production *
Instrumental Ensemble

* CATS INNOVATION