

# NEOCITY ACADEMY

2024-2025 School Profile

CEEB Code: 101010

NEOCITY ACADEMY is a highly selective public magnet school serving 524 students from grade nine through grade twelve in Kissimmee, Florida. To attend, students must complete an application process that is based on a holistic approach including participation in a collaborative activity to show their leadership and learning style and a one way interview to allow students to show their unique skills. Our students engage in an inquiry-driven curriculum and AP coursework enrollment leading to the AP Capstone Diploma.

Our unique approach to grading focuses on student proficiency in each academic outcome that students learn. This process of consistently being required to demonstrate proficiency ensures that students learn content at the highest levels. Faculty strives to protect grade inflation; consequently, grades are hard earned. Students' mastery of content is the focus of our instructional framework.

NeoCity Academy was founded under the belief that a school where students own their learning is fundamentally more impactful than one where they do not.

## ACADEMICS

Because of the class size and competitive nature of NeoCity Academy, class rank is not a crucial element, as thousandths of a point often differentiate student GPAs. Students are enrolled in a minimum of six courses per year, allowing them to meet graduation requirements set forth by the State of Florida, distributed as follows:

MINIMUM GRAD REQUIREMENTS		GRADE SCALE	HONORS	AP/AICE
English	4 Credits	A 4.0	4.5	5.0
Mathematics	4 Credits	B 3.0	3.5	4.0
Social Studies	3 Credits	C 2.0	2.5	3.0
Sciences	3 Credits	D 1.0	1.5	1.0
World Languages	2 Credits			
Electives	8 Credits			

## ADVANCED PLACEMENT AT NEOCITY

NeoCity Academy students have access to a variety of Honors, AICE, Advanced Placement courses. The AP curriculum is considered the most rigorous that a high school student may pursue. AICE and AP course offerings include:

AP Biology	AP Physics 1
AP Calculus AB & BC	AP Physics C / Mechanics
AP Chemistry	AP Precalculus
AP Computer Science A & Computer Principles	AP Research
AP English Language / AP Literature	AP Seminar
AICE English General Paper	AP Spanish Language
AP Environmental Science	AP Statistics
AP European History	AP United States History
AP Psychology / AICE Psychology	AP World History

195 NeoCity Way; Kissimmee, Florida 34744

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“The End Starts  
with the Beginning”

## GRADUATION RATE

2021-24 100%

## GRADE DISTRIBUTION C/O 2024

4.3+	36%
4.0 – 4.29	27%
3.7 – 3.99	10%
3.3 – 3.69	19%
3.0 – 3.29	7%
2.7 – 2.99	2%
2.4 – 2.69	0%

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#### CLASS OF 2024 SAT TEST DATA

Average Score (EBRW+M) = 1271

Middle 50% SAT Range (EBRW+M) = 1200 – 1370

#### CLASS OF 2024 ACT TEST DATA

Average Score (Composite) = 25

Middle 50% ACT Range (Composite) = 22 - 29

#### SCHOOLWIDE DEMOGRAPHIC DATA

##### GENDER

Class of 2025 = 46% Female, 54% Male

Class of 2028 = 28% Female, 72% Male

#### CLASS OF 2024 RACE & HISPANIC ORIGIN

White  
Black or African American  
American Indian and Alaska Native  
Asian  
Native Hawaiian and Other Pacific Islander  
Multiracial  
Hispanic or Latino (may be of any race)

#### 2024 AP EXAM RESULTS

340 students took 1,102 AP Exams

AP Pass Rate: 87%

#### CLASS OF 2024 AP HIGHLIGHTS

54 AP Scholars

4 AP Scholars with Honors

9 AP Scholars with Distinction

48 AP Students with Capstone Diploma

#### INCOME & POVERTY

Eligible for Free/Reduced Lunch = 38%

Osceola School District F/R Lunch = 50%

#### NeoCity Academy

31%

11%

0.77 %

2.39%

0.61%

2%

50%

#### Osceola School District

19%

12%

Less than 0.5%

Less than 0.5%

Less than 0.5%

23%

63%

## PROGRAMS OF STUDY

### ENGINEERING

#### PROGRAM DESCRIPTION

The engineer of tomorrow will need to possess strong leadership characteristics, ingenuity, adaptability, and technical proficiency. Our program is focused on building students up through a curriculum designed around real-world problem-solving and design thinking.

#### COURSE PROGRESSION

Applied Engineering Technology 1  
Applied Engineering Technology 2  
Applied Engineering Technology 3  
Advanced Technology Applications

#### ENGINEERING CERTIFICATION

Autodesk Fusion 360  
Autodesk Inventor  
Autodesk AutoCAD  
Autodesk Revit  
Autodesk 3D Max  
MSSC Certified Production Technician (CPT)

### BIODESIGN

#### PROGRAM DESCRIPTION

The BioDesign program is driven by the need to integrate cutting-edge technologies into the healthcare industry. Students in BioDesign engage in a curriculum designed to teach scientific concepts and develop practical laboratory skills required to create innovative biomedical solutions.

#### COURSE PROGRESSION

Principles of Biomedical Science  
Human Body Systems  
Medical Interventions  
Biomedical Innovations

#### BIODESIGN CERTIFICATION

Biotechnician Assistance Credentialing Exam (BACE)

### ARTIFICIAL INTELLIGENCE

#### PROGRAM DESCRIPTION

As we move closer to an artificial intelligence-based society, the need for skilled professionals in AI continues to grow. From working on autonomous vehicles to advanced robotics, the AI Program of Study will provide students with the knowledge and technical proficiencies needed to advance the fields of Artificial Intelligence and Machine Learning in the 21<sup>st</sup> Century.

#### COURSE PROGRESSION

Artificial Intelligence in the World  
Applications of Artificial Intelligence  
Procedural Programming  
Foundations of Machine Learning

#### ARTIFICIAL INTELLIGENCE CERTIFICATION

Microsoft Certified: Azure AI Fundamentals  
Information Technology Specialist (ICS): Python  
ITS: Device Configuration and Management  
ITS: HTML and CSS  
ITS: Java

# CLASSES OF 2022 -2024 COLLEGE & UNIVERSITY ACCEPTANCES

80% of NeoCity Academy Students Are Accepted to a 4-Year College or University

Amherst College	Johns Hopkins University	Swarthmore College
Auburn University	Kalamazoo College	Temple University
Babson College	Le Moyne College	Texas A&M University
Baylor University	Lees-McRae College	The University of Tennessee Knoxville
Beloit College	Lehigh University	Union College
Berry College	Liverpool John Moores University	University at Albany
Boston University	Long Island University	University of Alabama at Birmingham
Bucknell University	Louisiana State University	University of Bradford
California Polytechnic State University	Loyola University Chicago	University of California, San Diego
Carnegie Mellon University	Lynn University	University of Central Florida
Case Western Reserve University	Mars Hill University	University of Chicago
Christopher Newport University	Massachusetts Institute of Technology	University of Dubuque
Clemson University	Mercyhurst University	University of Dundee
Colorado College	Michigan State University	University of East London
Colorado School of Mines	Middlebury College	University of Florida
Columbia University	Mississippi State University	University of Georgia
Cornell University	Muhlenberg College	University of Iowa
Delaware State University	Nazareth College	University of Kentucky
Depauw University	Neumont College of Computer Science	University of Maryland Eastern Shore
Dickinson College	New Jersey Institute of Technology	University of Massachusetts Amherst
Drexel University	New York Institute of Technology	University of Massachusetts Boston
Drury University	Northwestern University	University of Massachusetts Lowell
Eckerd College	Nova Southeastern University	University of Miami
Embry-Riddle Aeronautical University	Ohio State University	University of Missouri
Ferris State University	Ottawa University	University of New Haven
Flagler College	Pace University	University of North Carolina Charlotte
Florida Agricultural and Mechanical University	Palm Beach Atlantic University	University of North Florida
Florida Atlantic University	Pennsylvania State University	University of Puerto Rico
Florida Gulf Coast University	Piedmont University	University of South Alabama
Florida Institute of Technology	Purdue University	University of South Florida
Florida International University	Queens University of Charlotte	University of Tampa
Florida Memorial University	Quinnipiac University	University of Washington
Florida Polytechnic University	Reed College	University of West Florida
Florida Southern College	Rice University	University of Winchester
Florida State University	Rochester Institute of Technology	Ursinus College
Fordham University	Rollins College	Valdosta State University
Gardner Webb University	Rutgers University	Vassar College
Georgia Institute of Technology	Saint Leo University	Virginia Tech University
Guilford College	Salem College	Wake Forest University
Haverford College	Savannah College of Art and Design	Washington College
Hofstra University	Seton Hall University	Washington University in St Louis
Howard University	Sierra College	Wesleyan University
Huntingdon College	Spelman College	Western Michigan University
Illinois Institute of Technology	St. Johns University	Wingate University
Illinois State University	St. Joseph's College of Nursing	Wofford College
Iowa State University	St. Olaf College	Woodbury University
Jackson State University	Stetson University	Yale University
Jacksonville University	Stony Brook University	York College

U.S. News and World Reports NeoCity Academy Rankings:

#1 in Orlando, FL Metro Area High Schools

#1 in Osceola Public High Schools

#11 in Florida High Schools

#92 in Nationally