



Design and Architecture Senior High

Miami Dade County Public Schools

Design and Architecture Senior High (DASH) is a premier magnet high school and serves the ethnically and racially diverse Miami-Dade population. With a rigorous academic and art and design education, students apply through an audition process to pursue a career in Architecture/Interior Design, Industrial Design (including transportation and product design), Fashion Design, Visual Communications (including graphic design and advertising), or Entertainment Technology/Film.

"Education by Design" is the philosophy behind DASH. Our vision is to educate talented students to become confident and critical thinkers through interdisciplinary challenges in visual arts and design in preparation for college and a career in the design world. The design programs provide curriculum focus and opportunities to incorporate both academic and artistic development. The Academic Year Internship Program provides professional mentoring experiences with practicing artists, architects and designers.

College preparation, applications, and scholarship eligibility are integral components of each student's program. The combination of high academic standards and exceptional design programs allows DASH students to compete effectively for both admission and merit scholarships to many of the country's finest universities and professional schools of design.

Design Programs

Architecture/Interior Design
Industrial Design
Fashion Design
Entertainment Technology/Film
Visual Communications/Wed Design

Highlights

DASH exemplifies excellence in its annual program showcases, standardized test scores, grade point averages, Advanced Placement scores, Dual Enrollment credits acquired, consistent US News and World Report ranking in the top high schools in the nation, nationally lauded placement in the Annual Scholastics Art and Writing Awards, finalists ranking in YoungArts, Presidential Scholars, Posse Foundation Scholars, National Merit Finalists and Silver Knight nominations. The college placement, scholarship acquisition, college completion and career entry demonstrate the value of an education at Design and Architecture Senior High. Graduation rates, college entry, and scholarship awards have risen annually to a record breaking 36 million dollars offered in scholarships to 115 seniors in 2022.

ADVANCED PLACEMENT (AP) COURSES

Art

AP Studio 2D Art
AP Studio 3D Art
AP Studio Art Drawing

English

AP English Language and Composition
AP English Literature and Composition

Mathematics

AP Calculus AB

Science

AP Biology
AP Chemistry
AP Computer Science
AP Physics I

Social Studies

AP Art History
AP Macroeconomics
AP Psychology
AP US Government
AP US History

Foreign Language

AP French Language
AP Spanish Language

FIU DUAL ENROLLMENT (DE) COURSES

Auto CAD I
Auto CAD II
Beginning Drawing
Beginning Painting

INDUSTRY CERTIFICATION

Adobe Certified Associate (ACA)
Animate
Illustrator
Photoshop
Premier Pro

GRADUATION REQUIREMENTS

Thirty-two (32) Credits
Advanced Placement Exams
Art/Design Portfolio
Florida Standard Assessments (FSA)
End of Course Exams

Design and Architecture Senior High

OFFICES

- 102 Veenessa Alvarez, Attendance
- 103 Nick Britton, Magnet Office
- 104 Adelsa Simon, Registrar
- 105 Conference Room
- 106 Lisa Truby, Social Worker
- 107 Zuyin Companioni, Assistant Principal
- 108 Dr. Maggie Rodriguez, Principal
- 110 Faculty Lounge
- 111 Activities Office
- 112 Michele Molina, Counselor (A-L)
- 113 Dr. Carlos Insignares, Counselor (M-Z)
- 114 Vanessa Montero, College Advisor
- 117 Cindy Roper, Treasurer
- 118 School Nurse / EMT

I-HALL

- 120 Alexander Taylor, Chemistry
- 121 Laura Varela, Biology
- 122 John Stimson, Physics
- 127 Florida Virtual School Lab
- 128 Mirtha Funcia, Photography
- 128e Marlene Zamora, Reading
- 129 David Alfonso, Math
- 131 Aracely Alicea, Gr. 11 Social Studies
- 138 Hans Evers, Gr. 12 Fine Art

U-HALL

- 143 Kia Saint-Albin, GRAPHICS
- 145 Megan Rojas, FILM
- 146 Dr. John Witty, Art History
- 148 Eric Hankin, ARCHITECTURE
- 150 Maria Castillo, INDUSTRIAL DESIGN
- 151 Wes Charles, Gr. 10 Fine Art
- 152 Diego Gutierrez, Gr. 9 Fine Art
- 153 Svitlana Isakova, French
- 154 Eleanor McKinley, Gr. 10 English
- 155 Patricia Comba, Math

- 156 Carlos Munoz, Gr. 12 English
- 159 Taylor Estape, Gr. 11 English
- 161 Nicole Lee, Gr. 9 English
- 164 Grace Spence, Math

MID BUILDING

- M110 Alvaro Alvarez, Digital Design
- M111 Giovanna Sorondo, FASHION
- M112 Paloma Picon, Spanish
- M114 Ernesto Montes, Gr. 11 Fine Art
- M115 Wade Charlestant, Gr. 12 Social Studies
- M116 Lavis Collins, Gr. 9 Social Studies



Design and Architecture Senior High Tentative CURRICULUM Plan

9TH

10TH

11TH

12TH

Two-Dimensional Art	Painting 3H Beginning Drawing/Painting DE	AP Studio Art Drawing	AP Studio Art 2D, and/or AP Studio Art 3D
Information Technology V	Digital Design I / Digital Design 2 ICE		
Personal Fitness & Team Sports	DESIGN PROGRAMS		
	Architecture/Interior Design 1	(1) Architecture/Interior Design 2 & (2) Computer Aided Drafting (DE)	(1) Architecture / Interior Design 4 & (2) Architecture / Interior Design 5
	Industrial Design/ Visual Tech 1	(1) Industrial Design / Visual Tech 2 & (2) CCS Transportation (DE)	(1) Industrial Design / Visual Tech 3 H & (2) CCS Design (DE)
	Visual Communications 1	(1) Visual Communications 2 & (2) Illustrator	(1) Visual Communications 3 & (2) Commercial Graphics
	Entertainment Technology 10	(1) Entertainment Technology 11 & (2) Art of the Cinema 1	(1) Entertainment Technology 12 H & (2) Art of the Cinema 2 H
	Fashion Design 1	(1) Principles of Fashion Design 2 & (2) Fabric Construction 2	(1) Pattern Design Techniques 3 & (2) Fashion Design Specialist and Marketing H 3
World Language 1, 2, 3H Intensive Math/Reading Elective	World Language 1, 2, 3H, AP Intensive Math/Reading Elective	World Language 1, 2, 3H, AP Elective	World Language 2, 3H, AP Elective
English 1 H/G	English 2 H/G	English 3 H/G English Language AP	English 4 H/G English Literature AP
World History H/G	Art History H/AP	United States History H/AP	Government and Economics H/AP
Algebra 1 Geometry H Algebra 2 H Pre-Calculus	Geometry H Algebra 2 H Probability H/Statistics H Pre-Calculus AP Calculus AB	Algebra 2 H Probability H/Statistics H Pre-Calculus H AP Calculus AB/BC	Probability H/Statistics H Pre-Calculus H AP Calculus AB/BC
Chemistry H/AP Biology H/AP	Chemistry H/AP Biology H/AP Physics H/AP	Chemistry H/AP Biology H/AP Physics H/AP Environmental Science V	Chemistry H/AP Biology H/AP Physics H/AP Environmental Science V

Level Key: **H = Honors, G = Gifted, AP = Advanced Placement, DE = Dual Enrollment, ICE = Industry Certification, V = Florida Virtual School**

World Languages: Spanish for non-native speakers 1/2/3H, Spanish for native speakers 1/2, AP Spanish Language, French 1/2/3H, AP French Language

Electives: AP Art History, AP Chemistry, AP Biology, AP Physics, AP Calculus AB, AP Computer Science Principles, AP Psychology, Digital Design 2 ICE, Print Making and Figure Drawing H, AP Spanish Language, AP French Language, Color Photography, Creative (Digital) Photography H, Creative Writing H, DE Drawing and Painting, Executive Internship 1/2 H, Transportation Design 1/ 2 H, Weight Training, Yearbook H

FINE ART and DESIGN PROGRAM DESCRIPTIONS DASH's unique visual arts magnet curriculum combines fine art with practical design concentrations to provide a well-rounded art education that has proven successful for over three decades. As a result, DASH students compete very effectively for college admissions and scholarships.

FINE ART FOUNDATION The four-year fine art program (which runs parallel to the design program) includes foundation courses in drawing and painting; art history and dual enrollment courses in fine art; and advanced placement courses in drawing, 2-D design/painting, and 3-D design/sculpture. The option to take fine art classes without design coursework is not available at DASH. We do not offer a stand-alone Fine Art program. All students complete fine art classes during each of their four years of high school in addition to their separate design program classes.

DESIGN PROGRAMS Beginning sophomore year, students specialize in one of the five design programs described below. DASH students do not officially choose their design program until just before tenth grade. The audition evaluates applicant potential as a visual communicator focusing on basic observation drawing skills for all applicants. Indicating which program interests you has no impact on the outcome of your audition. All applicants complete the same audition.

Architecture/Interior Design - This program includes freehand drawing, model building, computer aided design and juried presentation. Furniture design, landscape design, and urban planning are critical components of the architecture program. Students learn to design structures that are beautiful and functional. They work in a design studio setting just as they would in a professional firm and are taught by accomplished architect [Eric Hankin](#). They build small-scale conceptual models of their designs and prepare dynamic presentations showing plans, elevations, sections, axonometrics, and perspectives. They learn to use the tools of the trade such as drawing equipment including computer aided design (CAD) software in dual enrollment classes taught by professors from Florida International University. They learn to present their work confidently not only through dynamic displays, but also through articulating in person in front of juries of professional architects.

Industrial Design - (Product and Transportation Design) The industrial design program, one-of-a-kind in the nation, focuses on the interaction between products and individuals. Product design begins with hand drafting and concept drawings. Students are fluent in two-point perspective as it plays an important role in their design process. I.D. students design the surfaces consumers interact with such as watches, phones, shoes, and cars. They commit to hard work on demanding assignments. Many who complete the DASH I.D. program are offered large or full scholarships to elite design universities such as College for Creative Studies, and go on to work for companies like Adidas, Nike, Puma, Cadillac, and Mercedes Benz. These students are taught by an accomplished professional designer and DASH graduate [Maria Castillo](#). They earn college credit for their CAD class. DASH I.D. students possess strong line-drawing skills, and are required to meet strict deadlines for large quantities of concept drawings and high-quality final renderings from multiple perspectives.

Visual Communications/Web Design - (Print and Digital Graphics) In the DASH Visual Communications program, students produce movie posters, logos, fashion labels, packaging, signage, books, and web sites. They incorporate inspiration from their fine art work in their graphics work. They study typeface, analyze composition, and use industry standard software tools like Adobe Photoshop, Illustrator, and InDesign. Taught by DASH grad [Kia Saint-Albin](#), DASH Visual Communications students develop multi-stage projects such as board games and super hero dolls that involve conceptualizing, packaging, branding, and marketing in the form of billboards and web launches. They must also adhere to strict deadlines and learn to produce quality work under pressure in the competitive world of graphic design.

Entertainment Technology - (Film) The DASH Entertainment Technology program teaches the behind-the-camera aspects of the film world including script-writing, story-boarding, working with editing software such as Final Cut Pro, using state-of-the-art equipment, researching career options in the film industry, and submitting work to the festival circuit. Students work within production companies and budget their projects. Phantom Film Works students have been regularly invited to participate alongside real world projects shot on location in Miami. They produce events that incorporate lighting, audio, cinematography, directing, and budgeting. Their teacher is DASH grad [Megan Rojas](#). Every year, DASH senior filmmakers share their best short films, music videos, and animated movies at the Phantom Film Festival in a local theater on the big screen. These students coordinate their own projects by working independently and collaboratively, and need to develop strong time management skills.

Fashion Design - Fashion designers at DASH learn pattern making, draping, tailoring, how to work with various textiles, and how to use professional sewing equipment to produce beautiful, functional clothing. They prepare mood boards, collages full of visual inspiration, before assembling their seasonal fashion lines. These students work in a well-appointed sewing lab and follow the work of major international houses to study current trends in the industry. They learn strong figure drawing skills to sketch their designs before producing them. These students are taught by an accomplished professional designer and DASH graduate [Giovanna Sorondo](#). Seniors showcase their looks at the annual DASH fashion show. Former students have worked with Teen Vogue and John Paul Gaultier, Ungaro Couture, Fendi, and Oscar de la Renta to name just a few.



DASH

Bell Schedule

Starting Time	Ending Time	A Day M & W	B day T & R
7:40 a.m.	9:50 a.m.	1	2
9:55 a.m.	11:30 a.m.	3	4
11:30 a.m.	12:20 p.m.	Lunch	Lunch
12:20 p.m.	1:55 p.m.	5	6
2:00 p.m.	3:35 p.m.	7	8

Monday & Wednesday – A Days
 Tuesday & Thursday – B Days
 Friday – A or B Day

9:15 a.m. – 9:20 a.m. Announcements

9:20 a.m. – 9:50 a.m. Reading



MIAMI-DADE COUNTY PUBLIC SCHOOLS
2022-2023 SCHOOL CALENDAR
ELEMENTARY AND SECONDARY

DASH AB Calendar

July 2022				
M	T	W	T	F
				1
4	5	6	7	8
11	12	13	14	15
18	19	20	21	22
25	26	27	28	29

August 2022				
M	T	W	T	F
1	2	3	4	^o 5
^o 8	^o 9	^o 10	^o 11	^o 12
^o 15	^o 16	^o 17	18	19
22	23	24	25	26
29	30	31		

September 2022				
M	T	W	T	F
			1	2
5	6	7	8	9
12	13	14	15	16
19	20	21	22	23
^o 26	27	28	29	30

October 2022				
M	T	W	T	F
3	4	^a 5	6	7
10	11	12	13	14
17	18	19	20	^a 21
^a 24	25	26	27	28
31				

November 2022				
M	T	W	T	F
	1	2	3	4
7	^a 8	9	10	11
14	15	16	17	18
21	22	23	24	25
28	29	30		

December 2022				
M	T	W	T	F
			1	2
5	6	7	8	9
12	13	14	15	16
19	20	21	22	^a 23
26	27	28	29	30

January 2023				
M	T	W	T	F
2	3	4	5	6
9	10	11	12	13
16	17	18	19	^a 20
^a 23	^a 24	25	26	27
30	31			

February 2023				
M	T	W	T	F
		1	2	3
6	7	8	9	10
13	14	15	16	17
20	21	22	23	24
27	28			

March 2023				
M	T	W	T	F
		1	2	3
6	7	8	9	10
13	14	15	16	17
20	21	22	23	24
27	28	29	30	31

April 2023				
M	T	W	T	F
3	4	5	^a 6	^a 7
^a 10	11	12	13	14
17	18	19	20	21
24	25	26	27	28

May 2023				
M	T	W	T	F
1	2	3	4	5
8	9	10	11	12
15	16	17	18	19
22	23	24	25	26
29	30	31		

June 2023				
M	T	W	T	F
			1	2
5	6	^a 7	^a 8	^a 9
^a 12	13	14	15	16
19	20	21	22	23
26	27	28	29	30

	New Teachers Report
	Teacher Planning Day
	District-wide Professional Development Day
	Legal Holiday (12 month)
	Recess Day (10 month)

	Recess Day
	Beg/End of Grading Period
	Legal Holiday
	Available to opt
	Teacher Planning Day available to opt

Days in Grading Period	
1- 45	
2- 46	
3- 47	
4- 42	