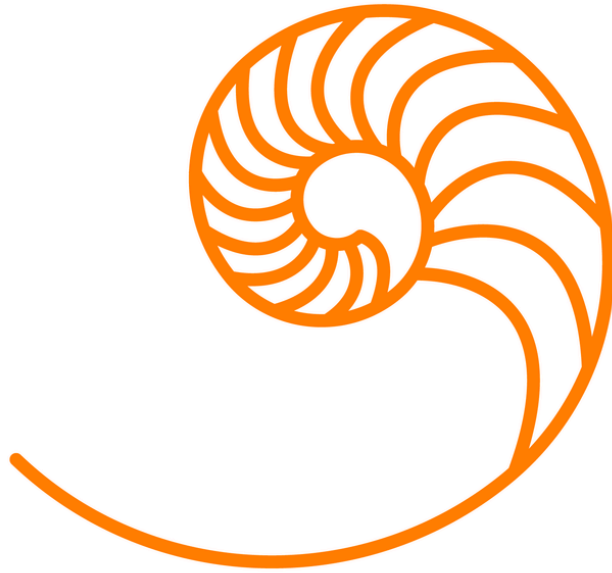




SCI HIGH

2026-2027

COURSE PREVIEW

Academic Guidance Department

9th Grade Counselor- Mr. Devin Bennet

10th Grade Counselor- Ms. Tiffaney Smith

11th Grade Counselor- Mr. Donald Broussard

12th Grade Counselor- Mrs. Nadine Smith

504 & SAT Coordinator- Mr. Robert Brooks

Dual Enrollment & Internship Coordinator- Mr. Warren Atkins

Director of Academic Guidance- Mrs. Rosemary Szilagi

PROGRESSION PLAN



SCI HIGH

Grade Level	Total Credits Earned	Courses Completed
Freshman	0-5.5 credits	N/A
Sophomore	6-11.5 credits	Earned at least 2 of the following credits: English I, Algebra I, Civics, Conceptual Physics (other core academic requirements may be substituted)
Junior	12-17.5 credits	Earned at least 6 of the following credits: English I, English II, Algebra I, Geometry, Civics, World History, Conceptual Physics (other core academic requirements may be substituted)
Senior	18 or more credits	Earned at least 10 of the following credits: English I, English II, English III, Algebra I, Geometry, Algebra II, World Geography, Civics, US History, Conceptual Physics, Chemistry, Biology (other core academic requirements may be substituted)

GRADE CLASSIFICATION POLICY

Grade classification requirements must be met in terms of credits earned in accordance with the Pupil Progression Plan.

GRADUATION LEAP 2025 REQUIREMENT

Students must pass three LEAP 2025 assessments in the following categories:

- English I or English II;
- Algebra I or Geometry;
- Biology or Civics

GRADUATION REQUIREMENTS

Subject Area	Requirement	Credit
English I-IV	Students must earn four units during grades 9-12	4.0
Social Sciences	U.S. History, Civics/AP American Government, and any two additional credits earned during grades 9-12.	4.0
Mathematics	Algebra I, Geometry, Algebra II, and any additional Math credit.	4.0
Science	Biology I, Chemistry I, and any two additional Science credits.	4.0
World Language	Students must earn a minimum of two units in the same language during grades 9-12.	2.0
Physical Education I and II	Physical Education I 1 credit Physical Education II 0.5 credit	1.5
Health		0.5
Arts Elective		1.0
Financial Literacy		1.0
Additional Electives		2.0
Total Units Needed for Graduation		24.0



SCI HIGH

ENGLISH COURSES

**WHERE INNOVATION
MEETS
DETERMINATION**

EXPECTATION

STUDENTS MUST EARN **FOUR** UNITS DURING GRADES 9-12.

STUDENTS MUST PASS THE LEAP 2025 IN EITHER ENGLISH I OR ENGLISH II TO SATISFY GRADUATION REQUIREMENTS.

REQUIREMENTS :

- **ENGLISH I**
- **ENGLISH II**
- **ENGLISH III**
- **ENGLISH IV**

ADDITIONAL COURSES:

- ✓ **AP ENGLISH LANGUAGE ARTS & COMPOSITION (ENGLISH III)**
- ✓ **AP ENGLISH LITERATURE AND COMPOSITION (ENGLISH IV)**
- ✓ **DUAL ENROLLMENT: ENGLISH COMP I**
- ✓ **DUAL ENROLLMENT: ENGLISH COMP II**

MORE INFORMATION :



(504) 324-7061



[HTTPS://NOSCIHIGH.ORG/](https://noscihigh.org/)



**2011 BIENVILLE STREET
NEW ORLEANS, LA
70112**



**PLEASE SEE YOUR GRADE
LEVEL COUNSELOR FOR
MORE INFORMATION.**



SCI HIGH

MATH COURSES

**WHERE INNOVATION
MEETS
DETERMINATION**

EXPECTATION

STUDENTS MUST EARN **FOUR UNITS** DURING GRADES 9-12.

STUDENTS MUST PASS THE LEAP 2025 IN EITHER ALGEBRA I OR GEOMETRY TO SATISFY GRADUATION REQUIREMENTS.

REQUIREMENTS :

- **ALGEBRA I**
- **GEOMETRY**
- **ALGEBRA II**

ADDITIONAL COURSES:

- ✓ **PRE-CALCULUS**
- ✓ **ALGEBRA III**
- ✓ **DUAL ENROLLMENT: COLLEGE ALGEBRA**

MORE INFORMATION :



(504) 324-7061



[HTTPS://NOSCIHIGH.ORG/](https://noscihigh.org/)



2011 BIENVILLE STREET
NEW ORLEANS, LA
70112



**PLEASE SEE YOUR GRADE
LEVEL COUNSELOR FOR
MORE INFORMATION.**



SCI HIGH

SCIENCE COURSES

**WHERE INNOVATION
MEETS
DETERMINATION**

EXPECTATION

STUDENTS MUST EARN **FOUR UNITS** DURING GRADES 9-12.

STUDENTS MUST PASS THE LEAP 2025 IN EITHER BIOLOGY OR CIVICS TO SATISFY GRADUATION REQUIREMENTS.

REQUIREMENTS :

- **BIOLOGY**
- **CHEMISTRY I**

ADDITIONAL COURSES:

- ✓ **CONCEPTUAL PHYSICS**
- ✓ **PHYSICS**
- ✓ **ANATOMY & PHYSIOLOGY**
- ✓ **DUAL ENROLLMENT: BIOLOGY**

MORE INFORMATION :



(504) 324-7061



[HTTPS://NOSCIHIGH.ORG/](https://noscihigh.org/)



2011 BIENVILLE STREET
NEW ORLEANS, LA
70112



**PLEASE SEE YOUR GRADE
LEVEL COUNSELOR FOR
MORE INFORMATION.**



SCI HIGH

SOCIAL SCIENCES COURSES

WHERE INNOVATION
MEETS
DETERMINATION

EXPECTATION

STUDENTS MUST EARN **FOUR** UNITS DURING GRADES 9-12.

STUDENTS MUST PASS THE LEAP 2025 IN EITHER BIOLOGY OR CIVICS TO SATISFY GRADUATION REQUIREMENTS.

REQUIREMENTS :

- **U.S. HISTORY**
- **CIVICS**

ADDITIONAL COURSES:

- ✓ **WORLD HISTORY**
- ✓ **AFRICAN AMERICAN HISTORY**
- ✓ **WESTERN CIVILIZATION: LATIN AMERICA**
- ✓ **AP: U.S. HISTORY**
- ✓ **AP: U.S. GOVERNMENT**
- ✓ **DUAL ENROLLMENT: PSYCHOLOGY**

MORE INFORMATION :



(504) 324-7061



[HTTPS://NOSCIHIGH.ORG/](https://noscihigh.org/)



2011 BIENVILLE STREET
NEW ORLEANS, LA
70112



PLEASE SEE YOUR GRADE
LEVEL COUNSELOR FOR
MORE INFORMATION.



SCI HIGH

ART COURSES

**WHERE INNOVATION
MEETS
DETERMINATION**

EXPECTATION

STUDENTS MUST EARN AT LEAST
ONE UNIT DURING GRADES 9-12.

COURSES OPTIONS:

- ✓ **ENGINEERING DESIGN & DEVELOPMENT**
- ✓ **JAZZ BAND I, II, & III**
- ✓ **MEDIA ARTS I: ADOBE PHOTOSHOP**
- ✓ **MEDIA ARTS II: ILLUSTRATOR/PREMIERPRO**
- ✓ **MEDIA ARTS III: PRODUCTION**

MORE INFORMATION :



(504) 324-7061



[HTTPS://NOSCIHIGH.ORG/](https://noscihigh.org/)



**2011 BIENVILLE STREET
NEW ORLEANS, LA
70112**



**PLEASE SEE YOUR GRADE
LEVEL COUNSELOR FOR
MORE INFORMATION.**



SCI HIGH

WORLD LANGUAGE COURSES

**WHERE INNOVATION
MEETS
DETERMINATION**

EXPECTATION

STUDENTS MUST EARN AT LEAST
TWO OF THE SAME UNITS DURING
GRADES 9-12.

COURSES OPTIONS:

- ✓ **SPANISH I**
- ✓ **SPANISH II**
- ✓ **DUAL ENROLLMENT: SPANISH I**
- ✓ **DUAL ENROLLMENT: SPANISH II**

MORE INFORMATION :



(504) 324-7061



[HTTPS://NOSCIHIGH.ORG/](https://noscihigh.org/)



**2011 BIENVILLE STREET
NEW ORLEANS, LA
70112**



**PLEASE SEE YOUR GRADE
LEVEL COUNSELOR FOR
MORE INFORMATION.**



SCI HIGH

HEALTH/PE COURSES

**WHERE INNOVATION
MEETS
DETERMINATION**

EXPECTATION

STUDENTS MUST EARN A TOTAL OF
TWO UNITS DURING GRADES 9-12.

COURSES OPTIONS:

- ✓ **HEALTH (0.5 CREDITS)**
- ✓ **PHYS ED I (1 CREDIT)**
- ✓ **PHYS ED II (0.5 CREDITS)**

MORE INFORMATION :



(504) 324-7061



[HTTPS://NOSCIHIGH.ORG/](https://noscihigh.org/)



**2011 BIENVILLE STREET
NEW ORLEANS, LA
70112**



**PLEASE SEE YOUR GRADE
LEVEL COUNSELOR FOR
MORE INFORMATION.**



SCI HIGH

ELECTIVE COURSES

**WHERE INNOVATION
MEETS
DETERMINATION**

EXPECTATION

STUDENTS MUST EARN AT LEAST **TWO** UNITS DURING GRADES 9-12 IN ADDITION TO THE FINANCIAL LITERACY CREDIT FOR A TOTAL OF **THREE** CREDITS.

REQUIRED:

- FINANCIAL LITERACY

COURSES OPTIONS:

- ✓ PSYCHOLOGY
- ✓ CERTIFIED NURSING ASSISTANT
- ✓ PHLEBOTOMY
- ✓ MEDICAL ASSISTANT I/II

COURSES OPTIONS:

- ✓ INTRO TO STEM CAREERS
- ✓ SURVEY OF COMPUTER SCIENCE-LSU
- ✓ AP COMPUTER SCIENCE
- ✓ INTRO TO BIO MED/BIO LAB TECH
- ✓ CYBERSECURITY
- ✓ ROBOTICS/ADVANCED ROBOTICS
- ✓ INTRO TO ENGINEERING
- ✓ PRINCIPLES OF ENGINEERING

MORE INFORMATION :



(504) 324-7061



[HTTPS://NOSCIHIGH.ORG/](https://noscihigh.org/)



2011 BIENVILLE STREET
NEW ORLEANS, LA
70112



**PLEASE SEE YOUR GRADE
LEVEL COUNSELOR FOR
MORE INFORMATION.**



SCI HIGH

PRE- HEALTHCARE PATHWAY

**WHERE INNOVATION
MEETS
DETERMINATION**

EXPECTATION

STUDENTS WILL HAVE THE OPPORTUNITY TO EARN 3 CERTIFICATES/CREDENTIALS IN HEALTH CARE SCIENCES.

COURSES OPTIONS:

- ✓ **INTRO TO BIOMEDICAL SCIENCES**
- ✓ **CERTIFIED NURSING ASSISTANT**
- ✓ **PHLEBOTOMY**
- ✓ **MEDICAL ASSISTANT**
- ✓ **MEDICAL ASSISTANT II**
- ✓ **MEDICAL TERMINOLOGY**
- ✓ **FORENSIC SCIENCE**

MORE INFORMATION :



(504) 324-7061



[HTTPS://NOSCIHIGH.ORG/](https://noscihigh.org/)



**2011 BIENVILLE STREET
NEW ORLEANS, LA
70112**



**PLEASE SEE YOUR GRADE
LEVEL COUNSELOR FOR
MORE INFORMATION.**



SCI HIGH

PRE-ENGINEERING PATHWAY

**WHERE INNOVATION
MEETS
DETERMINATION**

EXPECTATION

TO EARN THE SILVER STEM DIPLOMA SEAL STUDENTS MUST PASS ONE COURSE FROM EACH OF THE FOUR FOLLOWING CONCENTRATION AREAS: AN INTRODUCTORY ENGINEERING COURSE, AN ENGINEERING DESIGN COURSE, A PRINCIPLES OF ENGINEERING COURSE, AND EITHER AP COMPUTER SCIENCE OR INTRO TO ROBOTICS.

TO EARN A GOLD SEAL, COMPLETE ALL SILVER REQUIREMENTS PLUS AP COMPUTER SCIENCE, INTRO TO ROBOTICS, ADVANCED ROBOTICS AND AN APPROVED MATH OR SCIENCE COURSE, APPROVED AND AN APPROVED COMPUTER SCIENCE COURSE*

COURSES OPTIONS:

- ✓ **INTRO TO ENGINEERING DESIGN**
- ✓ **PRINCIPLES OF ENGINEERING**
- ✓ **ENGINEERING DESIGN & DEVELOPMENT**
- ✓ **AP: COMPUTER SCIENCE PRINCIPLES**
- ✓ **INTRO TO ROBOTICS**
- ✓ **ADVANCED ROBOTICS**
- ✓ **CYBERSECURITY**

MORE INFORMATION :



(504) 324-7061



[HTTPS://NOSCIHIGH.ORG/](https://noscihigh.org/)



**2011 BIENVILLE STREET
NEW ORLEANS, LA
70112**



**PLEASE SEE YOUR GRADE
LEVEL COUNSELOR FOR
MORE INFORMATION.**



SCI HIGH

COMPUTING & CYBERSECURITY PATHWAY

WHERE INNOVATION
MEETS
DETERMINATION

EXPECTATION

COURSES OPTIONS:

- ✓ SURVEY OF COMPUTER SCIENCE
- ✓ AP COMPUTER SCIENCE PRINCIPLES
- ✓ CYBERSECURITY
- ✓ INTRO TO ROBOTICS
- ✓ ADVANCED ROBOTICS

MORE INFORMATION :



(504) 324-7061



[HTTPS://NOSCIHIGH.ORG/](https://noscihigh.org/)



2011 BIENVILLE STREET
NEW ORLEANS, LA
70112



PLEASE SEE YOUR GRADE
LEVEL COUNSELOR FOR
MORE INFORMATION.



SCI HIGH

DUAL ENROLLMENT COURSES

**WHERE INNOVATION
MEETS
DETERMINATION**

EXPECTATION

DUAL ENROLLMENT IS THE OPPORTUNITY FOR A STUDENT TO BE ENROLLED IN HIGH SCHOOL AND COLLEGE AT THE SAME TIME. A DUAL ENROLLMENT STUDENT RECEIVES CREDIT ON BOTH THEIR HIGH SCHOOL AND COLLEGE TRANSCRIPTS FOR THE SAME COURSE. COURSES ARE OFFERED BY LOCAL TECHNICAL, COMMUNITY, AND FOUR-YEAR COLLEGES.

PARTNERS

DELGADO COMMUNITY COLLEGE
NUNEZ COMMUNITY COLLEGE
UNIVERSITY OF NEW ORLEANS
SOUTHERN UNIVERSITY OF NEW ORLEANS
XAVIER UNIVERSITY

COURSES OPTIONS:

- ✓ DE: BIOLOGY I
- ✓ DE: COLLEGE ALGEBRA
- ✓ DE: ENGLISH COMP I (ENGLISH III)
- ✓ DE: ENGLISH COMP II (ENGLISH IV)
- ✓ DE: PSYCHOLOGY
- ✓ DE: SPANISH I/II

MORE INFORMATION :



(504) 324-7061



[HTTPS://NOSCIHIGH.ORG/](https://noscihigh.org/)



2011 BIENVILLE STREET
NEW ORLEANS, LA
70112



**PLEASE SEE YOUR GRADE
LEVEL COUNSELOR FOR
MORE INFORMATION.**



SCI HIGH

ADVANCED PLACEMENT COURSES

**WHERE INNOVATION
MEETS
DETERMINATION**

EXPECTATION

MANY COLLEGES RECOGNIZE THAT YOUR AP SCORES DEMONSTRATE THAT YOU ALREADY KNOW THE MATERIAL IN CERTAIN COURSES THEY OFFER.

ENTERING COLLEGE WITH CREDIT YOU'VE ALREADY EARNED THROUGH AP CAN SAVE YOU TIME AND MONEY—FOR EXAMPLE, YOU MIGHT BE ABLE TO SKIP INTRODUCTORY COURSES OR EVEN GRADUATE EARLY.

COURSES OPTIONS:

- ✓ **AP: COMPUTER SCIENCE**
- ✓ **AP ENGLISH III: ENGLISH LANGUAGE**
- ✓ **AP ENGLISH IV: COMPOSITION**
- ✓ **AP: US GOVERNMENT**
- ✓ **AP: US HISTORY**

MORE INFORMATION :



(504) 324-7061



[HTTPS://NOSCIHIGH.ORG/](https://noscihigh.org/)



**2011 BIENVILLE STREET
NEW ORLEANS, LA
70112**



**PLEASE SEE YOUR GRADE
LEVEL COUNSELOR FOR
MORE INFORMATION.**