

**MAP YOUR FUTURE**

BE A PART OF THE SOLUTION



**COASTAL STUDIES**  
& GIS TECHNOLOGY

A new program in Geospatial Information Science (GIS) Technology  
and the ability to apply it in the Coastal Studies field.

# Nunez Community College Coastal Restoration Workforce Development

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# LCTCS Statewide Academic and Workforce Programs





# Coastal Studies & GIS Technology Program



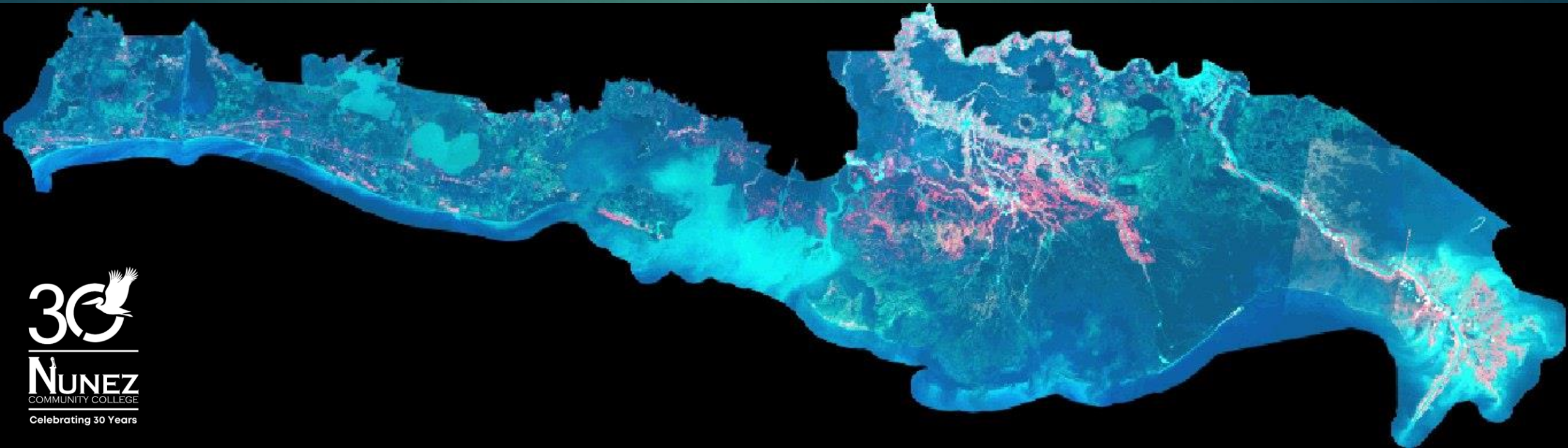
## Coastal Program Mission:

Train students in areas of coastal science and geospatial technology with the goal of providing a trained workforce to public and private sector employers in the greater New Orleans area and beyond.



## Coastal Program Student Learning Outcomes:

1. Demonstrate knowledge of Louisiana's coastal zone, its resources, ecosystems, biodiversity, sustainability and stewardship.
2. Demonstrate knowledge of coastal-focused applications of geospatial technology and data analysis techniques.
3. Demonstrate the ability to manage geospatial data.



# Coastal Studies Timeline



2018	2019	2020	2021	2022
<ul style="list-style-type: none"> <li>• Martin Mantz, First program manager established</li> <li>• Coastal Studies Curriculum development</li> </ul>	<ul style="list-style-type: none"> <li>• Board of Regents Program Approval</li> </ul>		<ul style="list-style-type: none"> <li>• Dr. Mahtab Lodhi, second program manager</li> <li>• Advisory board recommended curriculum changes</li> </ul>	<ul style="list-style-type: none"> <li>• First coastal cohort graduated – 5 students</li> <li>• Jacqueline Richard, third program manager</li> </ul>

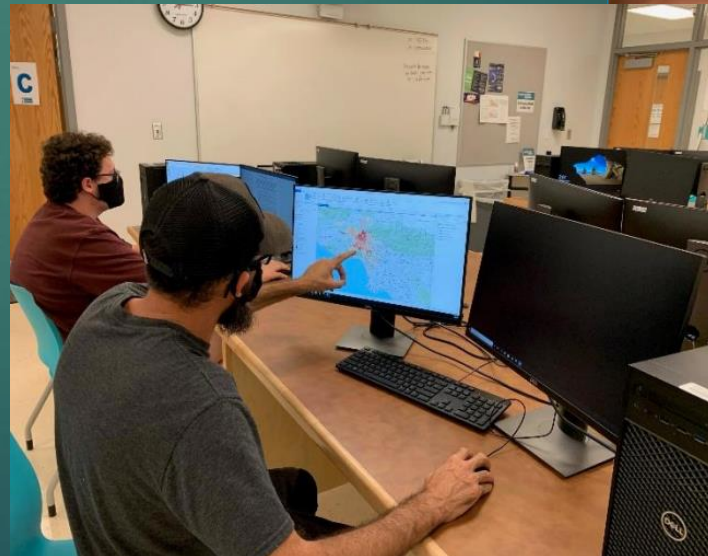
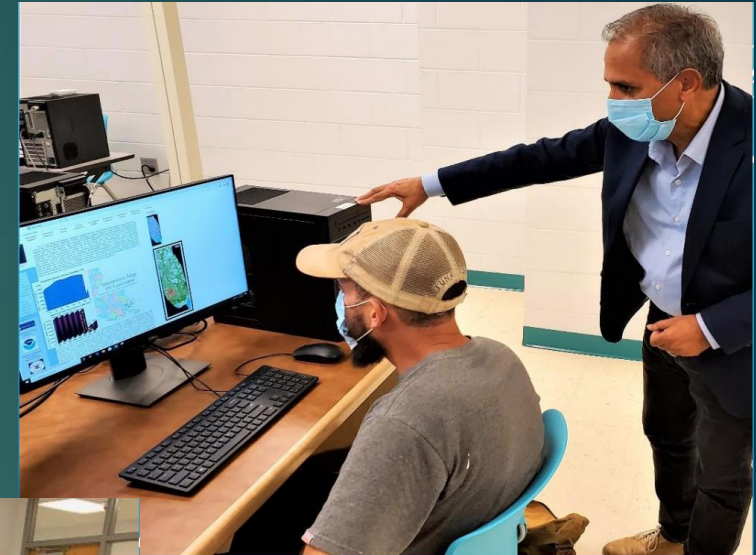


# Coastal Program's Structure

The coastal program is offered at three levels:

1. Certificate of Technical Studies
  - GIS Technology
  - Coastal Surveying Skills
2. Technical Diploma
  - Coastal Studies & GIS Technology
3. Associate of Applied Science
  - Coastal Studies & GIS Technology

*"As a result of graduating and having a good understanding of the GIS software, I was offered a job using my newly acquired skills before I even got my graduation gown off." – Max Haines, 2022 graduate*



# Coastal Core Courses

BIOL 2200 – Louisiana Wetlands Ecology (3)  
BIOL 2210 – Environmental Science (3)  
CSTL 1013 – Coastal Science (3)  
ENVN 1030 – Environmental Law (3)

Coastal  
Environment  
Focus

CSTL 1114 – Computer Graphs and Maps (3)  
CSTL 1123 – Fundamental of Mapping and GIS (3)  
CSTL 2133 – Remote Sensing I (3)  
CSTL 2143 – GIS Theories and Concepts (3)  
CSTL 2153 – Remote Sensing II (3)

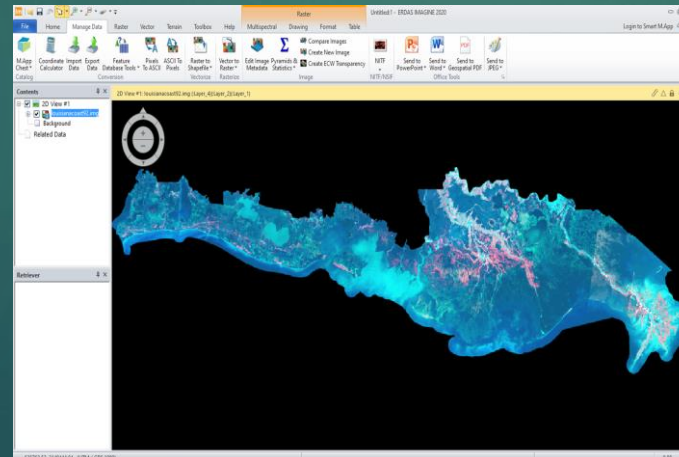
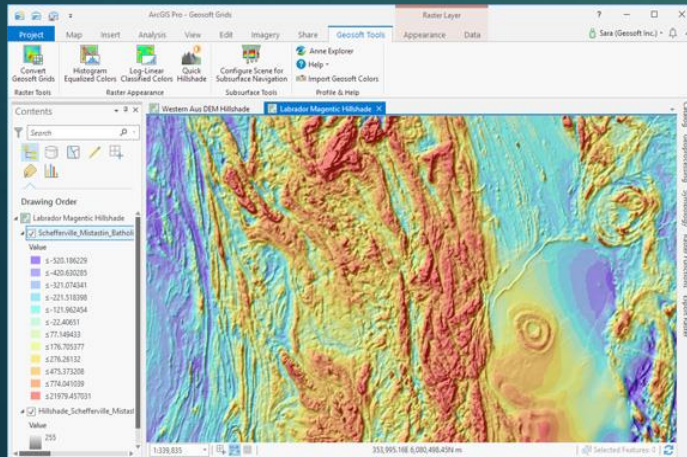
Techniques  
Focus

*"I chose the coastal program at Nunez to help preserve our natural resources and give back to the community" - Dorian*

# Coastal Program's Resources

The Coastal Studies computer lab is equipped with:

- Dual-screen desktop computers running geospatial technology software suites
  - ESRI's ArcGIS
  - ERDAS HEXAGON
  - Trimble Navigation
- Drones

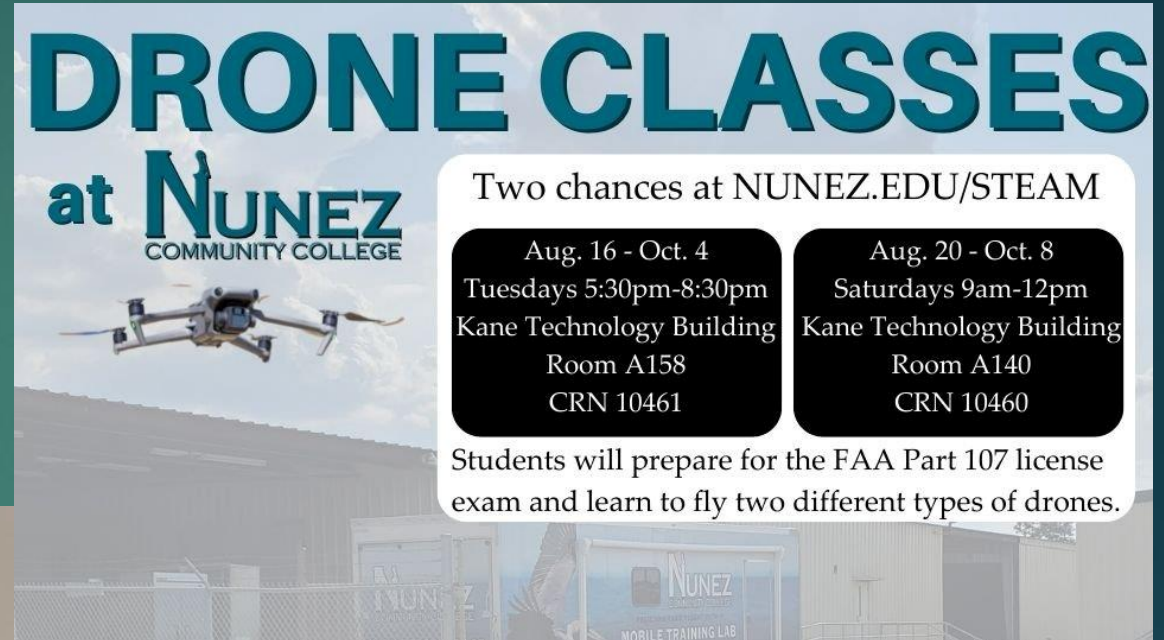




# Developing the Workforce

## Drone Course

- Prepares students for the Part 107 FAA license Exam
- Course is taught by Coastal Studies graduate, Max Haines



**DRONE CLASSES**  
at **NUNEZ**  
COMMUNITY COLLEGE

Two chances at [NUNEZ.EDU/STEAM](http://NUNEZ.EDU/STEAM)

Aug. 16 - Oct. 4 Tuesdays 5:30pm-8:30pm Kane Technology Building Room A158 CRN 10461	Aug. 20 - Oct. 8 Saturdays 9am-12pm Kane Technology Building Room A140 CRN 10460
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Students will prepare for the FAA Part 107 license exam and learn to fly two different types of drones.



# Developing the Workforce

## Welding

1. Career and Technical Certificate
  - Shielded Metal Arc Welding
  - Intermediate Welding
2. Technical Diploma
  - Combo Welder

NCCER Certified levels 1-4

Artificial Oyster Reef Project





# Developing the Workforce

- Electrical Construction
  - 1. Certificate of Technical Studies
    - Electrical Construction
    - Electrical Construction – Advanced
  - 2. Associates of Applied Science
    - Pending Board of Regents Approval
- Commercial Drivers License
  - 4-week program
  - Class A CDL
- Heavy Equipment
  - NCCER CORE 1-2
  - NCCER Heavy Construction 1-2
  - CDL Class A
  - OSHA 10

Nunez to Offer Accelerated NCCER Electrical Course

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-Get NCCER CORE and Electrical Level 1 certification in 8 weeks

-Average electrician base salary from 2018 NCCER Craft Salary Survey: \$67,269

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For more information visit [Nunez.edu](http://Nunez.edu) or email Dean of CTE Katie Nettles at [knettlles@nunez.edu](mailto:knettlles@nunez.edu)

**NUNEZ**  
COMMUNITY COLLEGE



**NUNEZ**  
COMMUNITY COLLEGE  
TRUCKING SCHOOL OPERATED BY



**COASTAL**  
TRUCK DRIVING SCHOOL

**Now Enrolling for August**

**Put Your Career In High Gear!**  
**160 Hours/4 Weeks**

Training takes place on Nunez campus.



**504-278-6372**



# Developing the Workforce

## Will to Skill

- Construction Site Safety
  - OSHA 30
  - Field Safety
  - Safety Technology
  - Construction Site Safety Supervisor
  - Construction Site Safety Technician
- Electrical
  - NCCER Core Construction
  - Electrical 1
  - OSHA 10
  - HAZMAT/HAZWOPER
- CDL
  - Class A

### NCCER CSST TRAINING

This course provides 1 OSHA and 4 NCCER Certifications:

Construction Site Safety Supervisor (CSSS)	Safety Technology
Construction Site Safety Technician (CSST)	OSHA 30
Field Safety	

#### About the Training

 NATIONAL CENTER FOR CONSTRUCTION EDUCATION AND RESEARCH

NCCER Construction Site Safety Technician (CSST) Training is a 100-hour training program that thoroughly examines over 50 safety-related topics. The CSST credential is designed for industry safety professionals, company safety officers, current site safety coordinators, experienced craftsmen, and foremen seeking to improve safety knowledge and skills. Get trained and be prepared for high-paying jobs!



WHEN: Starts August 23, ends Sept 3  
Monday - Friday 7:30 a.m. - 4 p.m.

WHERE: 3700 Lafontaine Street, Chalmette LA, 70043 Kane Building - Room A117

WHY: Get LA residents back to work with high-paying jobs.

**Special Price: \$1500 \$1295**

**Learn More / Register:**  
[absolute-safety.coursetorm.com](http://absolute-safety.coursetorm.com)

NUNEZ COMMUNITY COLLEGE | WORKFORCE DEVELOPMENT  
Brian Gibson | [bgibson@nunez.edu](mailto:bgibson@nunez.edu) | 504-278-6420  
[www.nunez.edu](http://www.nunez.edu)

Nunez is an equal opportunity institution and is dedicated to providing an environment of employment or training. Qualified students, applicants, or employees will not be excluded from any course or activity because of age, race, color, creed, sex, religion, national origin, or disability.

### VENTURE GLOBAL LNG

#### FREE

## WILL TO SKILL

### CDL TRAINING

Venture Global LNG is a long-term, low-cost producer of North American liquefied natural gas. Venture Global has partnered with Nunez Community College and Tri-Parish Works to provide 16 scholarships for the 4th cohort of their community investment Will to Skill program.

**You must attend only ONE informational session**

<h4>MANDATORY INFORMATION SESSIONS</h4> <p><b>JULY 1, 9-11 am</b> Plaquemines Parish Government Complex- Pavilion 555 F Edward Hebert Blvd Belle Chasse, LA 70037</p> <p><b>JULY 1, 6 - 8 pm</b> Plaquemines Parish Learning Center 26852 Hwy. 23 Port Sulphur, LA 70083</p>	 <p>Questions: A.J. Walker Venture Global LNG 256-679-9341 <a href="mailto:ajwalker@ventureglobalng.com">ajwalker@ventureglobalng.com</a></p>
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**For qualifying Plaquemines Parish residents only**

Small: Equipment, English, Computer, Math, and services are available upon request to all students with disabilities (504 501 515)

### VENTURE GLOBAL LNG

#### FREE

## WILL TO SKILL





### ELECTRICAL TRAINING

Venture Global LNG is a long-term, low-cost producer of North American liquefied natural gas. With construction of Plaquemines LNG expected to begin in 2021 Venture Global is partnering with Nunez Community College to provide 20 scholarships for its Will to Skill Program.

**You must attend only ONE informational session**

<h4>MANDATORY Information Sessions:</h4> <p><b>Jan. 13, 9-11 am</b> Plaquemines Parish Government Complex- Pavilion, 333 F Edward Hebert Blvd Belle Chasse, LA 70037</p> <p><b>Jan. 13, 6 - 8 pm</b> Plaquemines Parish Learning Center 26852 Hwy. 23 Port Sulphur, LA 70083</p>	 <p>Questions: AJ Walker Venture Global LNG 256-679-9341 <a href="mailto:ajwalker@ventureglobalng.com">ajwalker@ventureglobalng.com</a></p>
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**For qualifying Plaquemines Parish residents only**

# Developing the Workforce

## Industry Based Credentials:

- Bulldozer
- Carpentry
- CNC router
- Commercial Driver's License (CDL)
- EPA Section 608 HVAC Excellence Certification – Types I-III
- EPA Section 608 HVAC Excellence Certification – Universal
- Construction Site Safety Technician
- Forklift Certification (J. J. Keller)
- HazWoper (OSHA)
- Laser Cutter
- Machinist
- NCCCO Mobile Crane Operator
- NCCER Construction Site Safety Technician
- NCCER Core Curriculum
- NCCER Electrical Levels 1-4
- NCCER Instrumentation Levels 1-4
- NCCER Welding Levels 1-4
- OSHA 10 Construction
- OSHA 10 General Industry
- SMAW (Shielded Metal Arc Welding)



**FORKLIFT CERTIFICATION WORKSHOPS**

There are currently 257 job postings for Forklift Operator in the New Orleans area with an average starting pay of \$17+ hr.

**STEAM at NUNEZ COMMUNITY COLLEGE**

**Date:** Aug. 12  
**Time:** 9am-12pm  
**Location:** Nunez Community College  
**Cost:** \$100

**Register at [Nunez.edu/STEAM](http://Nunez.edu/STEAM)**



**CARPENTRY at NUNEZ COMMUNITY COLLEGE**

**INFORMATION MEETING**

**August 10th at 6pm**  
**Kane Building Breezeway**

LEARN ABOUT NUNEZ'S CARPENTRY PROGRAM

Questions? Email STEAM Director Julie Rexford at [jrexford@nunez.edu](mailto:jrexford@nunez.edu)



**BECOME A MACHINIST at NUNEZ COMMUNITY COLLEGE**

**REGISTER NOW**

**GENE HAAS SCHOLARSHIP AVAILABLE**

A new, non-credit program from Nunez Community College. The program will span 3 semesters and participants will earn NIMS certifications at the end of each semester, including advanced machining certification.

**NUNEZ.EDU/STEAM**

**Classes begin Aug. 15**