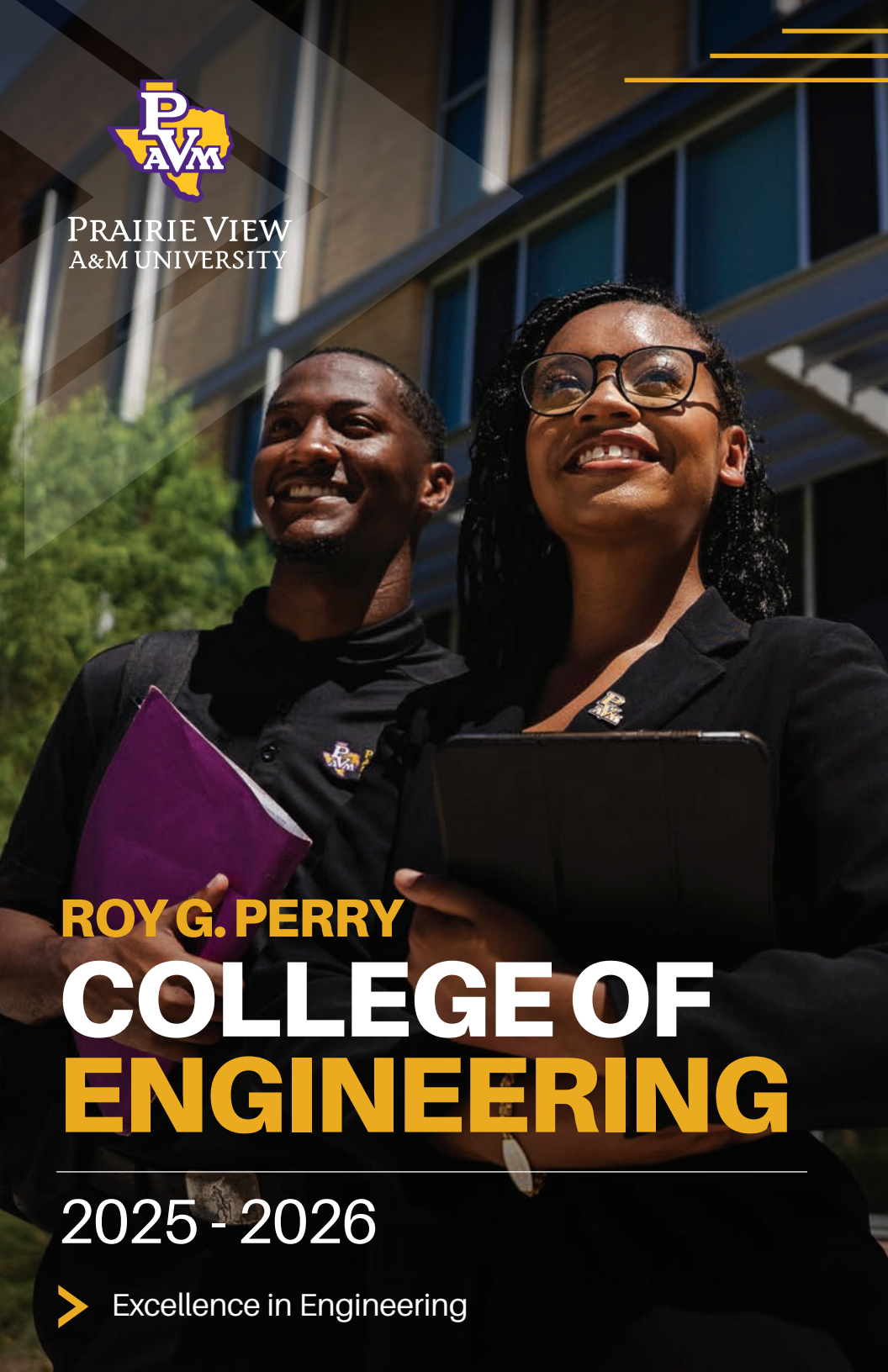


PRAIRIE VIEW
A&M UNIVERSITY

ROY G. PERRY
COLLEGE OF ENGINEERING

2025 - 2026

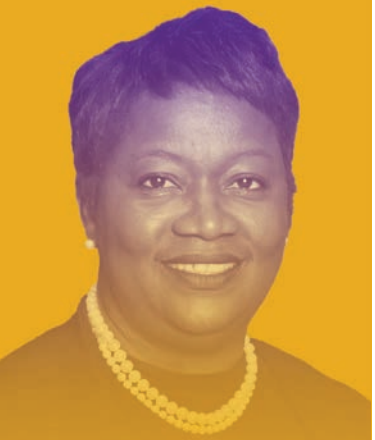
Excellence in Engineering


Excellence
Lives Here
PIONEERS
EMERGE HERE

ROY G. PERRY
COLLEGE OF ENGINEERING

The Roy G. Perry College of Engineering maintains a perfect balance between classroom theory and research / application. While students concentrate on basic science, mathematics, and engineering courses, they are also exposed to a broad range of humanities and social science classes, keeping them in touch with the world around them. Students' research experiences have real-world applications through many funded projects, from engineering design and homeland security to global/ collaborative learning. Prospective students looking to establish a strong, hands-on educational foundation need to look no further than Prairie View's Roy G. Perry College of Engineering.

For 75 years, the **Roy G. Perry College of Engineering at Prairie View A&M University** has established a rich legacy as a top producer of the nation's most outstanding engineers, computer scientists and technologists.



Pamela Obiomon, PhD

Pamela Obiomon

Whether you are coming to us as an engineering student, faculty member, staff member, researcher, or scientist, we promise your journey will be exciting, challenging, and a wonderful springboard to careers.

DEAN'S WELCOME

Welcome to the **Roy G. Perry College of Engineering** at **Prairie View A&M University**—where tradition meets transformation, and excellence is our expectation. **As the #1 producer of African American engineers in Texas and one of the top institutions nationwide in awarding engineering degrees to African American students, we are proud of our legacy and excited about our future**.

Whether you are coming to us as an engineering student, faculty member, staff member, researcher, or scientist, we promise your journey will be exciting, challenging, and a wonderful springboard to careers.

The college provides students with the highest level of quality education. Our faculty are knowledgeable in their fields and have demonstrated extraordinary accomplishments such as publishing over 70 engineering textbooks and serving as IEEE fellows and Fulbright scholars and owners of patents.

This is an exciting time and a great place to pursue an engineering degree at the Roy G. Perry College of Engineering.

PAMELA HOLLAND OBIOMON, PhD
Dean and Professor,
Roy G. Perry College of College of Engineering

COLLEGE OF ENGINEERING

STUDENT EXPERIENCE

Faculty in the College of Engineering bring real-world experience, practical expertise, and a commitment to student success through innovative teaching, personalized support, and a career-focused curriculum. Our students thrive in a learning environment that transforms them into ethical, globally minded professionals.

OUR MISSION

As a leading HBCU engineering college, the **Roy G. Perry College of Engineering** prepares future engineers through transformative education, innovative research, interdisciplinary collaboration, hands-on learning, and strategic industry engagement. We empower graduates to solve global challenges and drive meaningful impact across industry and society.

OUR VISION

We are committed to empowering students from diverse backgrounds to become ethical, entrepreneurial professionals who excel in the global economy through rigorous teaching, research, and outreach.

Being a student at the **Roy G. Perry College of Engineering** for the past five years has been an amazing experience. I have learned so much from the incredible instructors here, and I really appreciate how many resources are available to help us grow and become better professionals. What made the biggest difference for me is how everyone treats you like family. They are always willing to help, whether you are dealing with academic challenges, mental health, financial issues, or even personal problems.

The COE is truly a place to be.

JOAQUIN OWONO AFUGU NTOO

BS in Computer Science 2024
MS Student in Computer Information Systems

UNDERGRADUATE PROGRAMS

The College of Engineering offers undergraduate programs in: Chemical, Civil, Computer, Electrical and Mechanical Engineering, and Computer Science.

Chemical Engineering

Focus Areas:
Chemical processes, systems design, bioengineering (optional concentration)

Prepares Students for:
Chemical production, biotech, energy, manufacturing

Core Strengths:
Strong chemical foundation, applied problem-solving, sustainability

Civil Engineering

Focus Areas:
Infrastructure systems, structural engineering, environmental planning

Prepares Students for:
Construction, transportation, government, urban development

Core Strengths:
Hands-on labs, design projects, community-focused innovation

Undergraduate programs in six engineering disciplines.

Computer Engineering

Focus Areas:
Embedded systems, hardware / software integration, advanced computing

Prepares Students for:
Tech companies, hardware design, systems integration

Core Strengths:
Design-driven learning, research in six advanced centers, artificial intelligence and robotics

Computer Science

Focus Areas:
Software development, systems architecture, artificial intelligence, cybersecurity

Prepares Students for:
Software engineering, data science, research labs, government

Core Strengths:
Hands-on research, interdisciplinary collaboration, innovation

Electrical Engineering

Focus Areas:
Electronics, signal processing, energy systems

Prepares Students for:
Power industry, electronics, telecommunications, R&D

Core Strengths:
Design foundations, robust core sciences, national lab projects

Mechanical Engineering

Focus Areas:
Thermal systems, mechanical design, manufacturing

Prepares Students for:
Automotive, aerospace, renewable energy, product development

Core Strengths:
Problem-solving, lab-based learning, social benefit orientation

GRADUATE PROGRAMS

The College of Engineering offers the following graduate degrees: Master of Science in General Engineering, Master of Science in Computer Science, Master of Science in Computer Information Systems, Master of Science in Electrical Engineering, and PhD in Electrical Engineering.

MS Engineering (General)

Concentrations:
Chemical; Civil; Environmental; Mechanical

Focus Areas:
Advanced applied engineering; research with real-world applications (e.g., homeland security projects)

Prepares Students for:
Applied research and development; technical leadership; doctoral study

Department Admissions Requirements:
- Prior background in intended area
- Leveling courses may be required for non-engineers

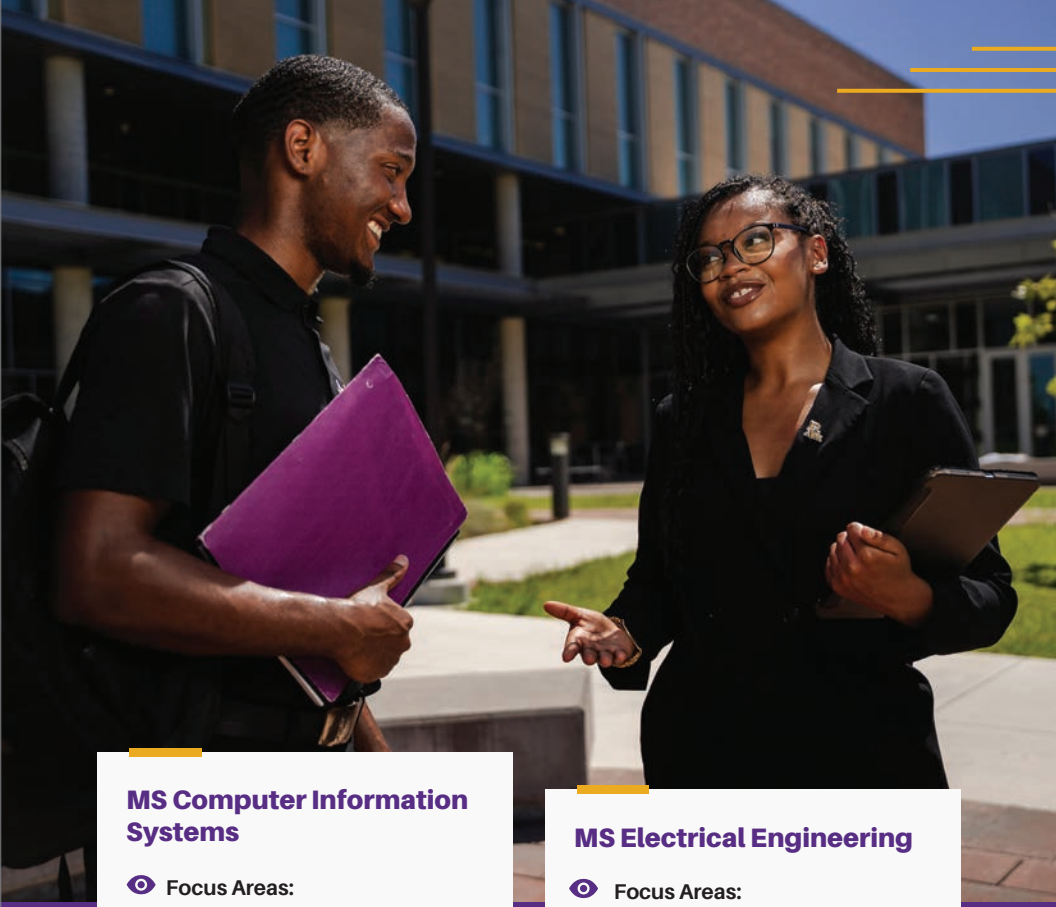
MS Computer Science

Focus Areas:
Software systems; cybersecurity; research and industry preparation

Prepares Students for:
Industry roles; research; doctoral study

Credit Hour Format:
36 SCH total — options: 30 + 6 Thesis or 33 + 3 Project

Department Admissions Requirements:
- Prior background in intended area
- Leveling courses may be required for non-engineers



MS Computer Information Systems

Focus Areas:
Applied computing; systems design; enterprise information systems; project or thesis pathways

Prepares Students for:
Technical leadership in IS / IT; analytics; systems integration

Credit Hour Format:
36 SCH — options: 36 coursework, 30 + 6 Thesis, or 33 + 3 Project

Department Admissions Requirements:
- Prior background in intended area
- Leveling courses may be required for non-engineers

MS Electrical Engineering

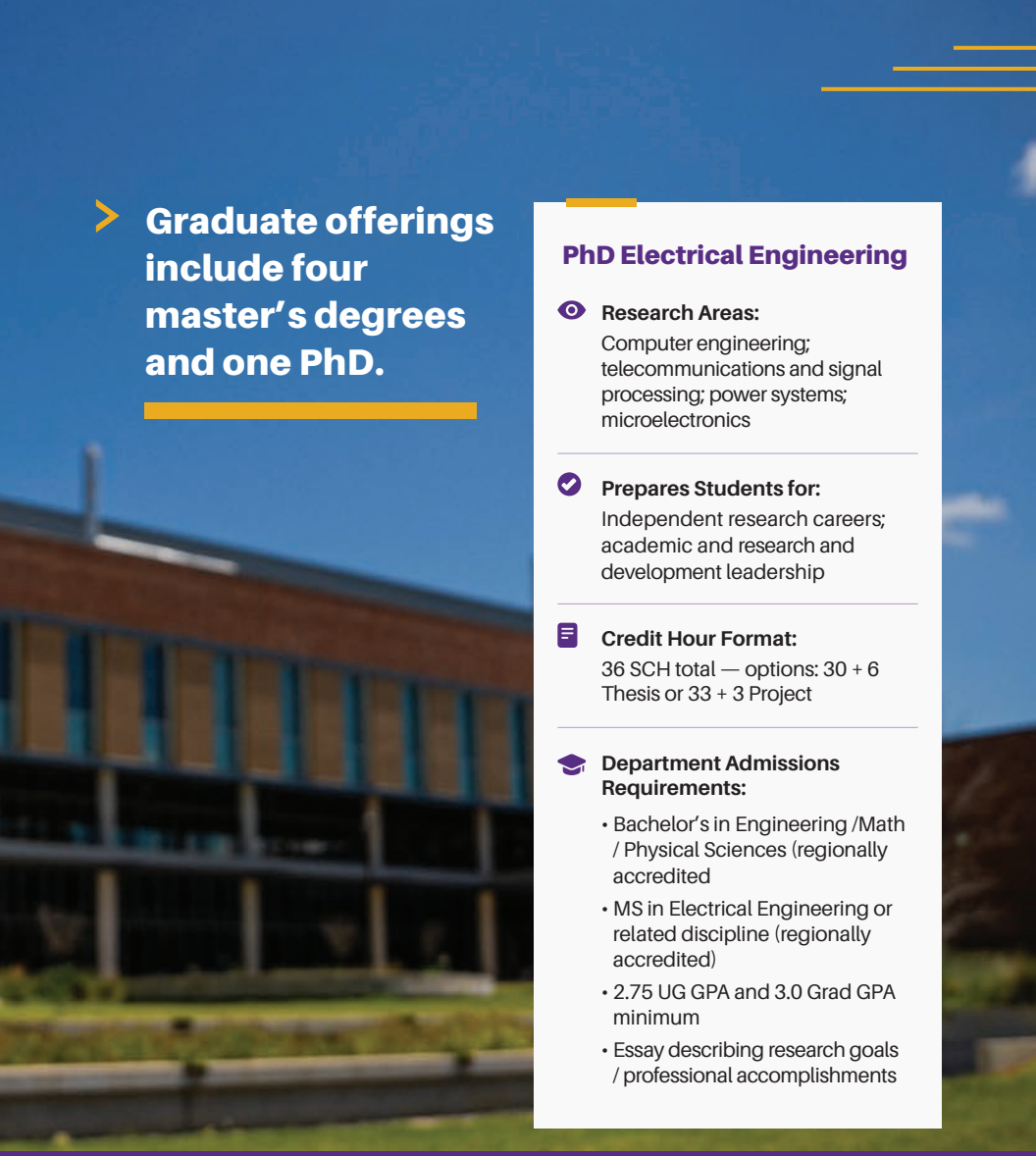
Focus Areas:
Advanced EE training; research exposure; professional readiness

Prepares Students for:
Industry / labs / design; doctoral study; statewide / national technical roles

Core Strengths:
Emphasizes technical, cognitive, and interpersonal skills for broad employability

Department Admissions Requirements: :
- Prior background in intended area
- Leveling courses may be required for non-engineers

Preparation for research, scholarship, and leadership roles



Graduate offerings include four master's degrees and one PhD.

PhD Electrical Engineering

Research Areas:
Computer engineering; telecommunications and signal processing; power systems; microelectronics

Prepares Students for:
Independent research careers; academic and research and development leadership

Credit Hour Format:
36 SCH total — options: 30 + 6 Thesis or 33 + 3 Project

Department Admissions Requirements:

- Bachelor's in Engineering /Math / Physical Sciences (regionally accredited
- MS in Electrical Engineering or related discipline (regionally accredited)
- 2.75 UG GPA and 3.0 Grad GPA minimum
- Essay describing research goals / professional accomplishments

GRADUATE PROGRAM ADMISSION DEADLINES

PROGRAM	TERM	PRIORITY DEADLINE	FINAL DEADLINE
Doctoral	Fall	February 1	March 1
Master's	Fall	_	April 15
Doctoral	Spring	September 1	October 1
Master's	Spring	_	October 1
Master's / Doctoral	Summer I	_	April 15
Master's / Doctoral	Summer II	_	May 15

LEARN MORE

Funding Your Graduate Education

Additional Admission Requirements

CERTIFICATE AND GRADUATE CERTIFICATION PROGRAMS

#1

PRODUCER OF AFRICAN AMERICAN ENGINEERS IN TEXAS

Certification Programs

- Semiconductors
- Broadband
- Data Science
- Engineering Leadership
- Certified Associate in Project Management (CAPM)
- IBM Digital Badges: Design Thinking, Artificial intelligence, Blockchain, Quantum Computing

Graduate Certification Programs:

- Deep Learning for Artificial Intelligence
- Smart Grid
- Cybersecurity
- Broadband Communication
- Sustainability
- Computer Hardware and VLSI Design

SPECIAL PROGRAMS AND INDUSTRY PARTNERSHIPS

The Roy G. Perry College of Engineering actively bridges academic theory with real-world application through industry collaborations, signature initiatives, and strategic programs that shape tomorrow's engineers.

CORPORATE PARTNERSHIPS

The College partners with more than 280 major corporations and organizations—including Google, Halliburton, Boeing, Shell, ConocoPhillips, Dow, Accenture, Dell, and Chevron—to provide students with mentorship, internships, research opportunities, and direct workforce pipelines.

COLLEGE READINESS AND SUMMER BRIDGE

The CE²I Summer Bridge Program (College of Engineering Enhancement Institute) prepares first-time freshmen for the rigors of an engineering curriculum through a 5-week residential experience. Students earn college credit, receive career development training, and connect with faculty and corporate mentors before their first semester begins.

Home to 12 active research centers and + $53M in awards for 93 active research projects

Signature Initiatives

- **$1.5M** NASA Artificial Intelligence Initiative systems architecture, cybersecurity
- Apple's **$1.7M** New Silicon Initiative
- National University Transportation Center Leadership
- Expansion into Quantum Computing, Semiconductor Design and Sustainable Technologies

LEARN MORE

Explore Our Research Facilities!

STUDENT ORGANIZATIONS

Student involvement is central to the College's culture of leadership, innovation, and service. With a robust slate of technical, professional, and affinity-based organizations, students build skills and relationships that last far beyond graduation.

ALL STUDENTS ARE ENCOURAGED TO BECOME ACTIVE MEMBERS IN STUDENT ORGANIZATIONS.

AMERICAN INSTITUTE OF CHEMICAL ENGINEERS (AICHE)

Professional society supporting chemical engineers through networking, education, and innovation

AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME)

Global organization advancing mechanical engineering with standards, research, and collaboration

ASSOCIATION OF COMPUTING MACHINERY (ACM)

World's largest computing society promoting research, education, and professional growth in computing

BETA IOTA CHAPTER OF OMEGA CHI EPSILON (OXE)

Honor society recognizing excellence in chemical engineering students

CHI EPSILON HONOR SOCIETY

Civil engineering honor society emphasizing scholarship, character, and service

COMPUTER HARDWARE AND VLSI DESIGN CLUB

Student group focused on hardware design and VLSI systems

COUNCIL OF DISTINGUISHED ENGINEERS (CODE)

Recognizes and engages outstanding engineers and leaders to inspire students and support engineering education

CYBERSECURITY CLUB

A student-led organization that explores cybersecurity concepts, ethical hacking, digital defense strategies, and "industry best" practices

DATA SCIENCE CLUB

A community for students interested in data analytics, machine learning, and artificial intelligence, offering workshops, projects, and collaborative learning opportunities

ENGINEERS WITHOUT BORDERS (EWB-USA)

A humanitarian organization where students and professionals collaborate on engineering projects that improve quality of life in communities worldwide

ETA KAPPA NU (HKN)

IEEE honor society recognizing top electrical and computer engineers

IEEE (INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS)

Global leader in advancing electrical, electronics, and computer technologies

NATIONAL SOCIETY OF BLACK ENGINEERS (NSBE)

Organization supporting and advancing Black engineers in academics and careers

SOCIETY OF HISPANIC PROFESSIONAL ENGINEERS (SHPE)

Network empowering Hispanic students and professionals in STEM

SOCIETY OF WOMEN ENGINEERS (SWE)

International nonprofit supporting women in engineering and technology

TAU BETA PI

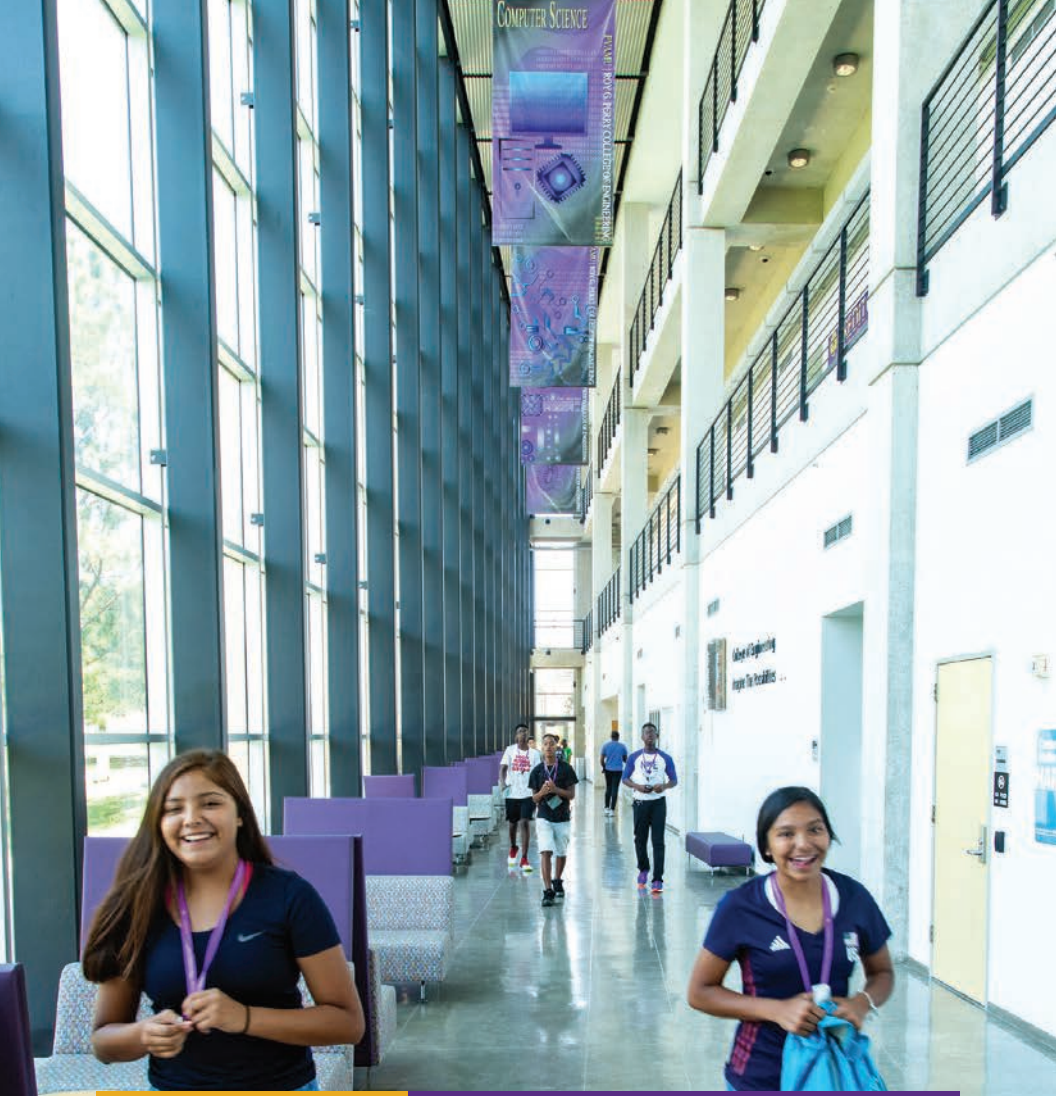
Oldest U.S. engineering honor society recognizing achievement and integrity

THE ROBOTICS CLUB

Students design, build, and program robots for competitions

VROOOM

Outreach program using VR and motorsports to promote STEM



STUDENT TESTIMONIAL

Being a student at the Roy G. Perry College of Engineering has been an amazing experience. I've learned so much from great instructors and supportive resources, but what stood out most is the family-like community—faculty, staff, and students are always there to help through any challenge.

- JOAQUIN OWONO AFUGU NTOO
BS in Computer Science 2024
MS Student in Computer Information Systems

PRAIRIE VIEW A&M UNIVERSITY

ADMISSIONS

Requirements and Process

REQUIREMENTS

(1) General Requirements(all applicants):

- Completed online application (Apply Texas; BusinessCAS; NursingCAS)
- Official transcripts from all colleges/universities attended
- Résumé or CV highlighting academic and professional experience
- Statement of purpose/personal statement

(2) Supporting Documentation:

- 2–3 letters of recommendation (faculty or professional references)
- GRE/GMAT or other standardized test scores if required (waivers available for some programs)
- Portfolio, writing sample, or audition (for select programs)

(3) Program-Specific Requirements:

- Education and Counseling: Interviews and/or writing samples
- Nursing: Current RN license, health documents, background check, immunizations
- Engineering/Sciences: Research interests, GRE (if applicable)
- Business: GMAT/GRE (waivers considered), professional experience may be required

Decision Timelines

- Applications reviewed; once all materials are received.
- Most decisions are made within 4-6 weeks of completed application submission for doctoral; about a week master's.
- Funding and assistantship decisions prioritized; for early applicants.
- Admitted students receive an official decision letter via the portal and email, followed by onboarding instructions.

POST-SUBMISSION PROCESS:

- Applicants receive confirmation and access to the **PVAMU application portal for real-time updates.**
- **Initial review** by Graduate Admissions for completeness of materials
- **Faculty/committee review** for program-specific requirements (may include interviews, writing samples, or additional documentation).
- **Funding review:** Consideration for graduate assistantships, fellowships, or scholarships (priority given to early applicants)
- **Decision notification:** Admission decisions communicated through the portal and via email
- **Onboarding milestones:**
  - Acceptance packet and next steps
  - Enrollment confirmation and orientation details
  - Registration and advising with faculty/ program coordinators

DEADLINES

APPLICATIONS	SPRING	SUMMER	FALL	FALL
Undergraduate (FF,FI,TI)	DEC 1	MAR 1	DEC 1	MAR 1
Undergraduate (AT,TR)	DEC 1	APR 1	DEC 1	JUL 15
Undergraduate (RA)	DEC 1	APR 1	DEC 1	AUG 15

KEY MAP

FF: First-Time Freshmen | FI: Freshmen International | TI: Transfer International | AT: Transfer | RA: Re-Admit/Former | TR: Transient

PRAIRIE VIEW A&M UNIVERSITY

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Prairie View, Texas 77446

936-261-3311

pvamu.edu