2020-21 FACT SHEET

TEXAS A&M UNIVERSITY
Department of Electrical & Computer Engineering

From the **Department Head**

We are in the midst of several activities and projects that will provide opportunities for our students to be better prepared for their careers and continue the long-storied tradition of Aggie engineers.

In addition to contributing to exciting multidisciplinary research projects, our faculty provide strong growth opportunities for students and enhance the education we deliver. Each year, we graduate a large number of young engineers who are respected by major engineering employers for their readiness to tackle the challenges of this profession from the moment they start working.

Dr. Miroslav M. Begovic
ECEN Department Head

FACULTY NUMBERS

Faculty	82
Members of the National Academies	6
Fellows	35
Professorships	14
Chairs	9

ENROLLMENT* FALL 2021

Undergraduate Students	1,500
Graduate Students	555

RESEARCH LAB SPACE

Total Square Footage	52,375 sqft.

**preliminary 5th class day*

RESEARCH AREAS

- Analog and Mixed Signal
- Biomedical Imaging, Sensing and Genomic Signal Processing
- Computer Engineering and Systems
- Electromagnetics and Microwaves
- Energy and Power
- Device Science and Nanotechnology
- Information Science and Learning Systems

AVERAGE STARTING SALARIES FOR GRADUATES, 2021

Computer Engineering	**$70, 117**
Electrical Engineering	**$69, 414**

INSTITUTES

- Texas A&M Institute of Data Science (TAMIDS)
- Texas A&M Energy Institute
- Advanced Robotics in Manufacturing Institute

CENTERS

- Analog and Mixed-Signal Center
- Center for Research in Intelligent Storage
- Hewlett Packard Enterprise Center for Computer Architecture Research
- Smart Grid Center

LABORATORIES

- Capstone and Robotics Laboratory
- Control Engineering Laboratory
- Digital Signal Processing Laboratory
- Downed Conductor Test Facility
- Electric Machines and Power Electronics Laboratory (EMPE)
- Electromagnetics and Microwave Laboratory
- Electronics Laboratory
- Electro-optics Laboratory
- Fluctuation and Noise Exploitation Lab
- Fuel Cell Power Systems Laboratory
- Functional Thin Film Laboratory
- Genomic Signal Processing Laboratory
- Magnetic Resonance Systems Laboratory
- Multimedia Laboratory
- Multimedia Communication and Networking Laboratory
- NanoBio Systems Laboratory
- AggieFab Nanofabrication Cleanroom Facility
- Power Electronics Laboratory
- Power Electronics and Motor Drives Laboratory
- Power Engineering Laboratory
- Power Quality Laboratory
- Power System Automation Laboratory
- Power System Control and Protection Laboratory
- Semiconductor, Sensing, Imaging and Communications Systems Laboratory
- Sensing, Imaging and Communication Systems Laboratory
- Smoke Detector Test Facility
- Ultrasound Imaging Laboratory
- VLSI Laboratory
- Wireless Communications Laboratory