



HISTORICALLY BLACK COLLEGES AND UNIVERSITIES

# **NASA TECHNOLOGY INFUSION ROAD TOUR**



AND MINORITY-SERVING INSTITUTIONS

## **University of Texas at El Paso (UTEP)**

Dr. Ahsan Choudhauri,  
Director, NASA MIRO Center  
for Space Exploration &  
Technology Research



Office of  
**Small Business**  
Mentor-Protégé Program

# University Curriculum

- All undergraduates are required to complete a 42-semester credit hour core curriculum before receiving a baccalaureate degree.
- **Core Blocks and Courses**
  - The core curriculum consists of nine components, or *blocks*: Communication, Mathematics, Life and Physical Sciences, Language, Philosophy and Culture, Creative Arts, American History, Political Science, & Social and Behavioral Sciences

# University Programs and Degrees

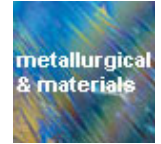
- UTEP has received national acclaim for innovative programs in business, fine and performing arts, education, behavioral sciences, and the humanities.
  - Hispanic Business Magazine consistently ranks graduate programs in both Business Administration and Engineering in the Top 10 in the nation.
- 72 undergraduate programs
- 74 master's programs
- 21 doctoral degree programs
- 21 online degrees and growing

# College of Engineering

## UNDERGRADUATE PROGRAMS/DEPARTMENTS

### GRADUATE CERTIFICATES

- Graduate Certificate in 3D Engineering and Additive Manufacturing



BS in Engineering Leadership

- BS in Construction Eng & Mgmt

### MS PROGRAMS

- Civil Engineering
- Computer Science
- Computer Engineering
- Electrical Engineering
- Environmental Engineering
- Industrial Engineering
- Information Technology
- Manufacturing Engineering
- Mechanical Engineering
- Metallurgical & Materials Engineering
- Construction Management
- Systems Engineering
- Biomedical Engineering
- Software Engineering
- Aerospace and Defense Engineering

### PhD PROGRAMS

- Civil Engineering
- Electrical & Computer Engineering
- Computer Science
- Environmental Science & Engineering
- Materials Science & Engineering
- Computational Science
- Biomedical Engineering
- Mechanical Engineering

# UTEP Past Performance

- \$90 Million in total annual research expenditures
- Ranking 3<sup>rd</sup> amongst University of Texas System academic institutions in federal research spending
- Funding received from National Science Foundation, the National Institutes of Health, the Department of Energy, the Environmental Protection Agency, National Endowment for the Humanities and other agencies
- In 2017
  - >334 faculty and staff members were actively engaged in research and sponsored projects last year
  - 581 proposals submitted, resulting in more than \$51.6 million in new funding commitments.

# University Point of Contacts

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