

SENATE RESOLUTION NO. 453

WHEREAS, The Senate of the State of Texas is pleased to recognize the Department of Electrical and Computer Engineering at The University of Texas at Austin on the occasion of its centennial celebration; and

WHEREAS, In 1903, the School of Electrical Engineering was organized at The University of Texas at Austin with the curriculum focusing on electrical power systems; the university and what became the Department of Electrical Engineering in 1910 trained many of the people responsible for creating the infrastructure that made a diverse economy possible; and

WHEREAS, The department began to include classes on electronics, communication by radio and television, and microwave propagation in the 1940s, and the Electrical Engineering Research Laboratory was established; and

WHEREAS, The researchers at the laboratory focused on microwave transmission of radio signals and applications of radar, and their research produced radio telescopes, deemed by many as one of the most significant American accomplishments of the 20th century; and

WHEREAS, By the 1960s, the department's curriculum had expanded to include a wider array of courses on electronics, power systems and energy conversion, and computer systems; two older labs merged to create the Applied Research Laboratory, which has contributed to the development of geodetic positioning systems, the underwater acoustics used in modern oceanography, and improved methods of data management, data analysis, and signal processing; and

WHEREAS, Contributions from individuals, the government, and industry in the 1970s and 1980s allowed the department to hire some of the most prestigious names in academia; the faculty now includes 10 National Academy of Engineering members and internationally recognized researchers and educators; and

WHEREAS, The department was instrumental in attracting major technology industries to Austin, and by the 1990s, Texas had become one of the nation's foremost high technology centers due in large part to the Electrical and Computer Engineering Department at The University of Texas at Austin; and

WHEREAS, Over the past 100 years, the department has produced thousands of graduates that have made a dramatic impact on the state, the nation, and the world, and it is one in which all Texans can take great pride; now, therefore, be it

RESOLVED, That the Senate of the State of Texas, 78th Legislature, hereby congratulate the Department of Electrical and Computer Engineering at The University of Texas at Austin for

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100 years of extraordinary success and extend best wishes to the department for even greater success in the coming century as a premier educational and research institution in this state and nation; and, be it further

RESOLVED, That a copy of this Resolution be prepared as an expression of high regard from the Texas Senate.

Barrientos

President of the Senate

I hereby certify that the above Resolution was adopted by the Senate on March 26, 2003.

Secretary of the Senate

Member, Texas Senate