

## **Senate Engineers Week Resolution**

WHEREAS, The week of February 18, 2018, to February 24, 2018, is being observed by state and national engineering organizations as Engineers Week, during which time a number of observances will take place in California; and

WHEREAS, Engineers Week is celebrating its 67th anniversary with the theme, Engineers: Inspiring Wonder; and

WHEREAS, Engineers Week promotes recognition among parents, teachers, and students of the importance of a technical education and a high level of math, science, and technology literacy, and motivates youth to pursue engineering careers and participate in a diverse and vigorous engineering workforce; and

WHEREAS, California leads the world in science, technology, engineering and math (STEM) education, inspiring and preparing all of its students to seize the opportunities of the global society through innovation, inquiry, collaboration, and creative problem solving; and

WHEREAS, According to the National Society of Professional Engineers, there are more than 2,000,000 practicing engineers in the United States, and it is estimated by the United States Department of Labor (Bureau of Labor Statistics) that there are over 328,000 practicing engineers in the State of California; and

WHEREAS, Engineers' work drives our economy, and many experts predict that the United States needs to produce more engineers in order to meet future demand and to stay competitive in the global marketplace; and

WHEREAS, Engineers practice in a number of important specialties, including civil, mechanical, electrical, structural, geotechnical, chemical, control systems, fire protection, nuclear, industrial, petroleum, metallurgical, agricultural, and traffic, and through these special disciplines a complete range of engineering services is provided to both the private and public sectors in California; and

WHEREAS, Professional engineers are leaders in the development of more efficient, environmentally sustainable, technologically advanced designs relating to water quality, sewage treatment, sanitary engineering, flood control, structural integrity of buildings and bridges, seismic safety, cleanup of hazardous waste and toxic sites, and public transportation, including highways, rail, waterways, and airports; and

WHEREAS, California's engineers apply their unique knowledge and skill to help communities grow, thrive, remain safe, and are truly dedicated to building a better California; and

WHEREAS, It is appropriate at this time to recognize the contributions of engineering professionals to the betterment of humankind; now, therefore, be it

*Resolved by the Senate of the State of California*, That in recognition of the services bestowed upon the citizens of the State of California by engineers, the Senate hereby recognizes the week of February 18, 2018, to February 24, 2018, as Engineers Week; and be it further

*Resolved*, That the Secretary of the Senate transmit copies of this resolution to the author for appropriate distribution.