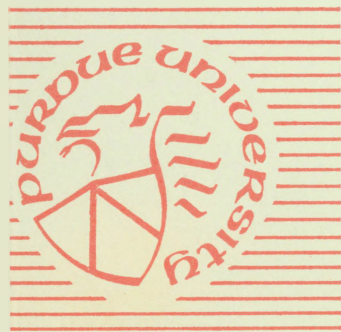


# ENGINEERING BULLETIN

OF  
PURDUE UNIVERSITY

Proceedings of the  
64th Annual  
ROAD SCHOOL  
April 18 and 19, 1978



**Engineering Extension Series**

SERIES NO. 149

# Purdue University

Purdue University is one of the 68 land-grant colleges and universities which owe their origin to the Land-Grant Act of 1862, otherwise known as the Morrill Act. Three years after the act's passage, the General Assembly of Indiana voted to begin preliminary plans for a school devoted primarily to the agricultural and mechanical arts.

In 1869 the Assembly voted to accept a gift of land and money from John Purdue and other generous Lafayette citizens and, in appreciation, declared the name of the new institution to be Purdue University. The University is supported mainly by state appropriations, supplemented by federal grants.

Actual instruction began in 1874 with 39 students and a faculty of six. Today Purdue University enrolls more than 40,000 students at the West Lafayette campus and regional campuses at Fort Wayne, Hammond, and Westville.

Undergraduate and graduate instruction are offered in agriculture (including agricultural engineering); aeronautics and astronautics; chemical engineering; civil engineering; consumer and family sciences; electrical engineering; industrial engineering; interdisciplinary engineering studies; mechanical engineering; materials engineering; nuclear engineering; humanities, social science, and education; management; pharmacy and pharmaceutical sciences; science; technology; and veterinary medicine.

Extensive experiment stations in both engineering and agriculture are maintained by the University. The Cooperative Extension Service, through the county agents, services the entire state. A variety of courses is offered through the conferences and continuation services programs sponsored by the University.