

# Cleveland State University

COLLEGE OF GRADUATE STUDIES

THE PRESIDENT AND TRUSTEES OF CLEVELAND STATE UNIVERSITY  
UPON RECOMMENDATION OF THE FACULTY HAVE CONFERRED UPON

*John Gilbert Cantlin*

THE DEGREE OF

*Master of Science in Mechanical Engineering*

IN RECOGNITION OF THE SATISFACTORY FULFILLMENT  
OF THE REQUIREMENTS PERTAINING TO THIS DEGREE.

CONFERRED AT CLEVELAND, OHIO,  
THIS EIGHTH DAY OF JUNE, 1984.



*W. L. Brown*  
CHAIRMAN OF THE BOARD OF TRUSTEES

*Walter D. Kratzer*  
PRESIDENT OF THE UNIVERSITY

*Genie E. Lohman*  
DEAN