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# Design of a Bicycle Shifter

James S. Fisher

*Indiana University - Purdue University Fort Wayne*

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# Design of a Bicycle Shifter

A Final Report  
to  
Dr. Warren W. Worthley  
Manufacturing Technology

for  
MET 497  
Senior Design

by James S. Fisher  
December 9, 1974

## -Abstract-

A final report encompassing the need, conception, and design of an innovated bicycle shifter. The report discusses the design as it was first conceived, and how it was altered as fabrication and testing proceeded. The result is a complete shifting package consisting of a derailleur, cable, and shift lever.