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## FISCAL IMPACT REPORT

ORIGINAL DATE 2/27/15

SPONSOR Kernan LAST UPDATED \_\_\_\_\_ HB \_\_\_\_\_

SHORT TITLE NM Robotics Education & Competition Weekend SJM 13

ANALYST Chavez

### ESTIMATED ADDITIONAL OPERATING BUDGET IMPACT (dollars in thousands)

	FY15	FY16	FY17	3 Year Total Cost	Recurring or Nonrecurring	Fund Affected
<b>Total</b>		NFI				

(Parenthesis ( ) Indicate Expenditure Decreases)

Relates to HB 59.

### SOURCES OF INFORMATION

LFC Files

#### Responses Received From

Economic Development Department (EDD)

### SUMMARY

#### Synopsis of Bill

Senate Joint Memorial 13 resolves that the Legislature recognize robotics education and competitions as a keystone to engage the interest of all students and educators in the fields of science, technology, engineering and math (STEM) throughout New Mexico. The Higher Education Department (HED) is requested to collaborate with secondary schools in the state to support robotics competitions. Finally, the tourism department is encouraged to promote New Mexico as a destination “where the world comes to play with robots”, and that the Economic Development Department (EDD) encourage robotics education and competitions to increase participation of national and international companies, and the governor is requested to proclaim the first weekend in May as “New Mexico Robotics Education and Competition Weekend.”

### FISCAL IMPLICATIONS

None.

### SIGNIFICANT ISSUES

LFC staff analysis of a similar bill in 2013 noted that a study by Brandeis University comparing students engaged in contextual learning programs (such as robotics), to a group of students with

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comparable backgrounds and achievements in high school math and science, reports that students engaged in contextual learning programs are: 1) significantly more likely to attend college; 2) twice as likely to major in science and engineering; 3) ten times more likely to have had an apprenticeship, internship or co-op, in their college freshman year; and 4) more than twice as likely to expect to have a science or technology related career after college.

KC/bb/aml