

1 SJR115
2 161237-1
3 By Senator Holtzclaw
4 RFD:
5 First Read: 01-APR-14

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8 EXPRESSING SUPPORT FOR THE CREATION OF AN NAICS CODE
9 FOR MODELING AND SIMULATION.

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11 WHEREAS, in HR 487, the 110th Congress of the United
12 States recognized the contribution of modeling and simulation
13 (M and S) technology to the security and prosperity of the
14 United States, and recognized M and S as a National Critical
15 Technology; and

16 WHEREAS, HR 487 further declares that M and S in the
17 United States is a unique application of computer science and
18 mathematics that depends on the validity, verification, and
19 reproducibility of the model or simulation, and depends also
20 on the capability of the thousands of Americans in M and S
21 careers to develop these models; and

22 WHEREAS, in addition to numerous contributions that
23 are not listed but that equally have brought prosperity to our
24 nation, M and S contributions will include the following:

25 (1) Providing vital strategic support functions to
26 our military.

1 (2) Defending our freedom and advancing United
2 States' interests around the world.

3 (3) Promoting better health care through improved
4 medical training, improved quality of care, reduced medical
5 errors, and reduced cost.

6 (4) Encouraging comprehensive planning for national
7 disaster and emergency preparedness response.

8 (5) Improving and securing our critical
9 infrastructure and transportation systems.

10 (6) Protecting the environment.

11 (7) Allowing the nation to explore the Earth and
12 space to further our understanding of our world and universe;
13 and

14 WHEREAS, the M and S industry provides high paying
15 jobs to many Alabamians and represents an opportunity for
16 Alabamians with strong foundations in science, technology,
17 engineering, and mathematics to contribute to the prosperity
18 and security of Alabama and the United States; and

19 WHEREAS, M and S has a rapidly emerging discipline,
20 workforce, industry, and marketplace, and is supported by
21 advanced academic degrees, professional certification
22 infrastructure, a widely adopted Code of Ethics, and a very
23 considerable set of collaborating industrial and professional
24 organizations; and

25 WHEREAS, M and S is recognized in Alabama as a
26 technology supporting the state's leading industries and is

1 instrumental in producing better jobs, increasing personal
2 aggregate income, improving the tax base, and raising GDP; and

3 WHEREAS, M and S requires unique knowledge, skills,
4 and abilities that are not adequately incorporated into
5 governmental occupational classification codes; and

6 WHEREAS, advances in M and S can be achieved through
7 innovation in the private sector and proper export controls
8 and intellectual property rights are critical to the continued
9 growth and innovation in this sector; now therefore,

10 BE IT RESOLVED BY THE LEGISLATURE OF ALABAMA, BOTH
11 HOUSES THEREOF CONCURRING, That:

12 (1) We hereby commend those who have contributed to
13 the M and S efforts which have benefited our nation.

14 (2) We urge that science, technology, engineering,
15 and mathematics remain key disciplines for primary and
16 secondary education in Alabama.

17 (3) We encourage the expansion of M and S within
18 higher education.

19 (4) We recognize M and S as an Alabama Critical
20 Technology.

21 (5) We affirm the need to study the national
22 economic impact of modeling and simulation.

23 (6) We strongly urge that the Alabama Secretary of
24 Commerce contacts the United States Department of Commerce to
25 demonstrate Alabama's unshakeable support for the opportunity
26 for the establishment of a North American Industrial

1 Classification System (NAICS) Code designation for Modeling
2 and Simulation (M and S).