AMENDMENT TO H.R. 5515
OFFERED BY MR. JODY B. HICE OF GEORGIA

At the appropriate place in title XVI, insert the following new section:

SEC. 16. CYBER INSTITUTES AT THE SENIOR MILITARY COLLEGES.

(a) Program Authorized.—The Secretary of Defense may carry out a program to establish a cyber institute at each of the senior military colleges (referred to in this Act as an “SMC Cyber Institute”) for purposes of accelerating and focusing the development of foundational expertise in critical cyber operational skills for future military and civilian leaders of the Armed Forces and Department of Defense, including such leaders of the reserve components.

(b) Elements.—Each SMC Cyber Institute established under subsection (a) shall include the following:

(1) Programs to provide future military and civilian leaders of the Armed Forces or the Department of Defense who possess cyber operational expertise from beginning through advanced skill levels with instruction and practical experiences that lead
to recognized certifications and degrees in cyber-related fields.

(2) Programs of targeted strategic foreign language proficiency training for such future leaders that—

(A) are designed to significantly enhance critical cyber operational capabilities; and

(B) are tailored to current and anticipated readiness requirements.

(3) Programs related to mathematical foundations of cryptography and courses in cryptographic theory and practice designed to complement and reinforce cyber education along with the strategic foreign language programs critical to cyber operations.

(4) Programs related to data science and courses in data science theory and practice designed to complement and reinforce cyber education along with the strategic foreign language programs critical to cyber operations.

(5) Programs designed to develop early interest and cyber talent through summer programs for elementary and secondary school students and dual enrollment opportunities for cyber, strategic foreign language, data science, and cryptography related courses.
(6) Training and education programs to expand
the pool of qualified instructors necessary to support
cyber education in regional school systems.

c) Partnerships with Department of Defense and the Armed Forces.—A SMC Cyber Institute established under subsection (a) may enter into a partnership with one or more components of the Armed Forces (active or reserve) or any agency of the Department of Defense to facilitate the development of critical cyber skills for students who may pursue a career with the Department of Defense.

d) Partnerships with Other Schools.—A SMC Cyber Institute established under subsection (a) may enter into a partnership with one or more local educational agencies to carry out the requirements of this section.

e) Senior Military Colleges Defined.—In this section, the term “senior military colleges” means the senior military colleges described in section 2111a(f) of title 10, United States Code.