Title
Workshop on the Joint Task Force Cybersecurity Curricular Guidelines

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Workshop on the Joint Task Force
Cybersecurity Curricular Guidelines

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Abstract. The goal of the Joint Task Force on Cybersecurity Education is to develop comprehensive curricular guidance in cybersecurity that will support future program development and associated educational efforts. This workshop is to present the current draft of the proposed guidelines and obtain feedback that can be incorporated into the next version.

In 2016, the professional computing societies ACM, IEEE-CS, AIS SIGSEC, and IFIP WG 11.8 assembled a Joint Task Force on Cybersecurity Education.⁴ The goal of this working group is to develop cybersecurity curricular guidelines for programs that emphasize different areas of specialization. The intent is that these guidelines can drive curricula, with each curriculum being tailored for the specific discipline and goals while ensuring that professionals (or prospective professionals) obtain the knowledge and skills they need.

The model consists of four parts: knowledge areas, cross-cutting concepts that span, or underlie, the knowledge areas; disciplinary lenses that provide the views of the knowledge areas and cross-cutting concepts based upon the discipline; and application areas, which help define the coverage for each knowledge area.

The Joint Task Force is seeking community feedback to improve the current draft curricular guidelines. Two workshops have been held; the third, and the first international one, is this workshop. As other nations and communities have differing needs and educational environments, comments from those communities will be invaluable in making the guidelines as useful to all as possible.

Thus, this workshop will explore the current guidelines, their goals, the organization, and how the guidelines might be used. We will invite the audience to provide insights, identify problems their institutions might have in using the guidelines, and propose changes and additions that will improve the guidelines.

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⁴ http://www.csec2017.org