***Cyber Hygiene & Cyber Intelligence (Intel) Bootcamp for Virginia K-12 Educators***

**Sept 9th – Oct 25th, 2017, James Madison University (JMU)**

**Two Saturdays: Sept 9th & Oct 30th, & Three Online Evening Sessions**

***(Registration opens Aug 12th, 2017 & closes Aug 29th at 11pm) Only 30 Persons Can Participate***

Thank you for your interest in applying for the Cyber Hygiene and Cyber Intelligence (CHCI) Bootcamp for Virginia Educators. The CHCI Bootcamp is an interdisciplinary **train-the-trainers approach** to enhance Virginia (VA) educators‘ experience in cyber hygiene and cyber intel. Cyber hygiene is the daily maintenance of an individual’s online safety (e.g., using strong passwords, updating software apps) and cyber intel is analysis of threats and the perpetrators of those threats. VA educators who better understand cyber threats and steps to enhance students’ online safety are then more prepared to integrate cybersecurity into any courses. This integration into existing courses will support a holistic perspective of cybersecurity education.

**The CHCI Bootcamp uses face-to-face and online instruction, and a guided tour of a data center and a security operations center (SOC) to provide experiential education.** The Bootcamp allows educators, working in interdisciplinary teams, to purposefully engage in simulated cyber crime scene analysis, mobile device security, and cyberattack analytical detective challenges. These simulated challenges will help increase cyber hygiene and cyber intelligence-related knowledge, develop new analytical skills, and result in designing cyber hygiene lessons for your students.

***SCHEDULE***

The CHCI Bootcamp is a seven-week experience starting with a face-to-face session on Saturday Sept 9th session involving teamwork and interactive cyber challenges at JMU in Harrisonburg, VA. After the first session (Saturday Sept 9th), there are three online evening sessions (Wednesdays Sept 20th, Oct 11th & 25th) via the Canvas learning management system and another Saturday session (Sept 30th). Both Saturday sessions are day-long, face-to-face sessions. They are at two different locations! The following table provides a detailed schedule.

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| --- | --- | --- |
| **Date, 2017** | **Instructional Mode** | **Description** |
| **Sat Sept 9th** | Face-to-face session (8:00 am – 2:00 pm, **JMU, Harrisonburg, VA**) | Introduction, team assignments, participation in cyber challenges (e.g., cyber crime scene). |
| Wed Sept 20th | Online session via Canvas  (6 - 9 pm) | Online session involving discussion of readings, current events, reflective journals, & team’s cyber lesson plan |
| **Sat Sept 30th** | Briefing at a Data Center & Security Operations Center (SOC)  (8:00 am - 2:00 pm, **Ashburn, VA**) | Briefing at a data center & SOC in Ashburn, VA such as Verizon. Followed by a session with participants. |
| Wed Oct 11th | Online session via Canvas (6 - 9 pm) | Online session involving discussion of readings, reflective journals, & team’s cyber lesson plan |
| Wed Oct 25th  FINAL SESSION | Online session via Canvas  (6 - 9 pm) | Online session where each team presents an interactive cyber hygiene or cyber intel lesson |

***APPLICATION PROCESS (Registration opens Aug 12th, 2017 & closes Aug 29th at 11pm)***

Any VA educator or student teacher may apply! No experience is necessary. All applicants must complete the following application form (beginning with page 3) and email it to Dr. Reid ([reid2ef@jmu.edu](mailto:reid2ef@jmu.edu)). A scanned version is acceptable. In the email Subject line, type “Application for Cyber Hygiene & Intel Bootcamp”. No additional information is needed in the email. Please contact Dr. Reid ([reid2ef@jmu.edu](mailto:reid2ef@jmu.edu)) with any additional questions.

Those accepted will receive an email notification no later than Sept 1st. The acceptance email will contain links to an online survey and a basic introduction to cyber security tutorial that must be completed before attending the Saturday Sept 9th session.

Participation is limited to 30 K-12 educators (STEM and non-STEM). This includes a few student teachers. Maximum of two educators will be accepted per school.

**After successful completion of all bootcamp requirements, an applicant will receive 2 CEUs and $600 for expenses.**

***APPLICATION FORM*** *(email this completed application to reid2ef@jmu.edu)*

**Primary Contact Information**

1. Name
2. Position
3. Subjects you are teaching
4. Name of School
5. Name of School District
6. Mailing Address (School)
7. City, State
8. Work Phone # Cell Phone #
9. Email Address You Check Frequently
10. Indicate the Preferred Way to Contact You \_\_\_\_\_\_\_\_\_ Work \_\_\_\_\_\_\_\_\_ Cell Phone

**Please Answer the Following** (Your responses will help us determine your interest in this emerging area.)

1. Are you currently teaching cybersecurity? Y N
2. If Yes, please describe what you are teaching.
3. What interests you about attending this CHCI Bootcamp? (Minimum of 25 words)
4. How do you think you might integrate what you gain from the CHCI Bootcamp into your instructional program(s)? (Minimum of 25 words)

I verify that all the information I have provided in this application is true to the best of my knowledge.

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Your signature Date

**To complete your application: sign and date it. Send the completed application to Dr. Edna Reid,** [**reid2ef@jmu.edu**](mailto:reid2ef@jmu.edu)

**Please note the following items.**

**A scanned version of the signed and completed application form is acceptable via email.**

**Bootcamp registration opens Aug 12th, 2017 & closes Aug 29th at 11pm.**

**The application review process starts on Aug 16th and successful applicants will be notified via email no later than Sept 1st.**