DVR IT Committee Minutes

April 19, 2022

VIRTUAL GOOGLE MEET

12:30 - 1:30 pm

I.   **Introductions**

Tony Pecucci (Leyden), Michael Henson (Triton)

II.   **Conference or Webinar Attendance Sharing - Past and Future?**

    A.   CABEA (April 29 @ Leyden)

Due to lack of professional development opportunities and time off granted from institutions, there is not much to report in terms of professional development. There is a CABEA Conference being hosted at East Leyden on April 29th where business and technology educators will be present from the Chicago area.

III.   **New Triton Developments/Possible Dual Credit Update/Information (Triton)**

Ridgewood and Triton are looking at dual credit opportunities for the CompTIA Security + certificate. They are working to map the curriculum to ensure students can get this opportunity. This would involve the Triton 210 (Networking) and 220 (Security) courses. Leyden and Triton will also look at this opportunity as there are several Leyden students going through the Cyber.org curriculum - which maps objectives to the CompTIA Security + exam.

IV.   **Coding/Programming/Video Game Design Updates/Ongoings**

    A.   Move from Raspberry Pi to Adafruit (Leyden)

        1.   Integrates to Microsoft/Chromebook + USB Cable

    B.   Move to GameGuru (Leyden)

    C.   OTHER?

Leyden programming teachers are making the move from raspberry pi to adafruit. This is due to cost, ease of use and multiple opportunities to expand programming/coding knowledge to students. Leyden has piloted this opportunity during the second semester of this year to great results.

In addition, Leyden will be migrating their video game design software to GameGuru. GameGuru. There is a summer curriculum project to train the teachers and develop out lesson plans for 22-23.

V.   Cybersecurity UpdatesOngoings

       A. [Cyber.org](#) & [US Cyber Range](#) (Leyden)

       B. [CompTIA Security +](#)

       C. OTHER?

Leyden has moved to the cyber.org curriculum combined with the use of US Cyber Range. US Cyber Range allows students to work in Kali Linux in a "sandbox" environment where no damage or issues can be done to networks or actual PCs. Students work through various labs addressing common computer security issues. In the first year, students have been enjoying the curriculum and hands-on work.

The cyber.org curriculum ties back to the CompTIA Security + exam. In fact, every lab states the objective and content area that is covered on the exam. Leyden is now working with students to tie this back to sitting for this exam in hopes of more certified students.

VI.   Certification Ongoings

       A. MOS + CompTIA (Leyden)

       B. [Hubspot](#)

       C. OTHER?

Leyden and Triton reviewed the current dual credit options that are in place between the two parties regarding certification. Both agreed there was some confusion over students understanding if they are given actual college credit vs. being able to skip over requirements. Both parties agreed on ways to lessen that confusion going forward.

VII.   [US IT Job Recovery Article](#)

VIII.   [Increasing female representation in STEM careers starts with exposure](#)

IX.   [State of Cybersecurity Staffing and Demand](#) (Page 9)

X.   [Cybersecurity Externship for High School](#)

All of the above links were reviewed and discussed. Leyden discussed an externship opportunity in Cybersecurity that was postponed due to logistical reasons and participation. This WorkEd externship will be investigated again in the Fall.

XI.   Other

XII.   Adjourn