



AGENDA ITEM

Information Security Program Update..... Derrick Murray, CIO and Raisha Cobb, CISO

Summary: To provide an on overview of the make-up and status of the campus' Information Security Program for orientation and information purposes.

| Information Security Program Components | 2017 Program Status |
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| <ul style="list-style-type: none"> • Security Policies, Procedures & Guidelines | <ul style="list-style-type: none"> • Updated Acceptable Use Policy (AUP), drafted the Information Security Program Policy, and supporting standards required as prescribed by ISO 27002:2013. The policies and standards were reviewed internally and externally on two separate occasions with Gartner, our IT industry consultant partner. Policies are slated to be reviewed and adopted during March 2018 BOT meeting. |
| <ul style="list-style-type: none"> • Security Operations <ul style="list-style-type: none"> • Asset classification and control • Personnel security • Physical and environmental • Communications and operations management • Access control • System development and maintenance | <ul style="list-style-type: none"> • Upgraded and increased utilization of Shibboleth federated identity log in solution to centralize authentication, provide single-sign-on capabilities, and allows informed authorization decisions for individual access of protected online resources in a privacy-preserving manner. • Automated faculty, staff, and temporary workers network account provisioning with temporary credentials to hiring managers. • Implemented vulnerability scanning of new systems and remediated vulnerabilities prior to systems going into production. |
| <ul style="list-style-type: none"> • Governance, Risk, & Compliance <ul style="list-style-type: none"> • Change Management • Risk Assessments • Risk Management • Security Governance • Compliance | <ul style="list-style-type: none"> • Reviewed exit workflow list of terminated employees since 2012, verified re-employed, and disabled remaining accounts. • Performed Bi-Annual (Fall & Spring) Banner Account audits and disabled users with non-responsive management. |

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| <ul style="list-style-type: none"> ▪ FERPA, HIPAA, GLBA, Red Flag, Dept. of Education, PCI • UNC System Office Security Council • Peer Networking, Information & Threat Sharing | <ul style="list-style-type: none"> • Addressed Office of Civil Rights concerns relating to public website and Section 504 of the Rehabilitation Act and Title II of the Americans with Disabilities Act adjustments. • Performed 2017 UNC System Security Framework Gap Assessment. • R. Cobb appointed Chair of the UNC System’s Information Security Council until October 2018. • Managed Security Services Provider - Engaged vendor to perform external network penetration testing and quarterly vulnerability scanning on servers and endpoints. |
| <ul style="list-style-type: none"> • Awareness & Training <ul style="list-style-type: none"> • Faculty & Staff Security Awareness & Training • Technical Staff Awareness & Training • Student Outreach | <ul style="list-style-type: none"> • Sent communications regarding various security topics – such as Tax Scams, Holiday Shopping, Equifax Data Breach. • During the month of October we conducted weekly security awareness email campaign towards faculty and staff, and hosted a student job panel with Career Services, TEK Systems IT Recruiters, and DELL on entering and working in the Cybersecurity industry. • Identified training modules for enterprise wide Information Security Training via LEAP (Skillport online training system). |
| <ul style="list-style-type: none"> • Incident Response & Disaster Recovery <ul style="list-style-type: none"> • Incident Response • Forensics & Investigations <ul style="list-style-type: none"> ▪ Requests for Information ▪ Litigation Holds • Disaster Recovery Planning | <ul style="list-style-type: none"> • Completed 4 Request for Information or Litigation Holds • Creation of investigation tool for live image capture of desktops. |

Action: This is for informational purposes only.