2019 ITS Roadmap – Major Projects & Initiatives

Foundational Technologies
- Network Upgrades:
  - Core Network IPS/FW Upgrade
  - Begin Edge Switching Replacement
  - Begin Wireless Refactoring

- Identity & Access Management Phase 2 planning and scheduled projects
  - Office 365 Expansion—Evaluation for Students
  - Infrastructure Hardening

Excellent Service Delivery & Secure Environment
- Secure UVa Program completion
- Additional Security improvements, including:
  - Duo for O365
  - Tuning Secureworks/IDS/IPS
  - Build out Splunk/Humio (SIEM) capabilities
- Move to cloud platforms as it makes sense:
  - ITS cloud services (operational, orderable, billable)
  - Move on premises Fortimail (or replacement) to cloud
- Technical Debt Reduction:
  - Migration of legacy web services
  - Windows 2008 & SQL Server 2008 retirements
  - Linux modernization

- SafeGrounds Enhancements
- SIS Enhancements:
  - ChatBot Evaluation
  - Class search and enrollment improvements (coordinated rollout with Student Affairs and others)
  - Add new Careers to support new program/plans that have non-traditional start dates
  - Other SIS enhancements identified by students

- ITS Solutions Framework and Process
- Deploy Blue Network for security cameras

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Looking to the Future
- Integration Services Platform—design, architecture, business case
- IT Academy
- Northern Virginia Network expansion and enhancement (in coordination with Health System)
- Support Data Strategy Initiative(s)