

General Information:

In terms of General Information, the following tasks have taken place this month:

- Working on the plans for the 2024-2025 Technology Budget for Jessica Garnica and Matt LaVerde.
- Successful access and configuration of the digital road sign on the ECTS campus. I will be scheduling training for the Admin Staff and Secretaries in the next few weeks.
- Finished Responsibilities as Computer Networking Instructor of Record prior to Pat Hoover's hire. This included providing materials, brief lessons, guiding students in learning, in addition to Open House for new families.
- Assisting Pat Hoover with his onboarding as the new Computer Networking Instructor as needed.
- Assisting as the Admin Support for ECTS Student Organizations (NTHS and SkillsUSA). This includes participating in the student meetings as my schedule permits.
- Andy Fair has begun the process of building "digital hall passes" to work with the electronic door controls.
- The entire technology department continues to work on typical help desk problems.

Renovation:

In terms of the ECTS Renovation, the following tasks have taken place this month:

- Finalizing the list of IT renovation purchases and equipment.
- Created a technology "punch list" of items needed to be completed this school year between the ECTS IT Department and all outstanding renovation vendors and contracts.
- Working on final setup and configuration of all A/V technology aspects in the Large Group Instruction room.
- Working on finalizing the cell boosters in the buildings on campus.
- The entire technology department is trying to complete various IT punch lists and projects after the summer renovation tasks.
- Working on resolutions and purchases for the new technology wing.
- Working with other vendors on getting core building systems (intercom, fire, burglar, etc) tied into the new network backbone structure and configuration.
- Attend Renovation Job Conference meetings to move forward with technology concerns.

PIMS:

In terms of PIMS, the following tasks have taken place this month:

- Providing assorted PIMS data elements for the upcoming Perkins audit.
- Submitted C6 November and December Student updates (not required) to reduce errors between PIMS submissions.
- Starting a bi-monthly C6 PIMS Staff Updates meeting to start sending Staff updates (not required) to reduce errors between PIMS submissions.
- Continuing the Internal PIMS Monthly Meetings for more accurate data for the 2023-2024 school year.

Data and Information Processing:

In terms of Data and Information Processing, the following tasks have taken place this month:

- Attended November E-Rate Updates webinar for updated guidelines for E-Rate.
- Developed with Julie Aiken, Mary Foulkrod, Renee Heberle, and Stacey Walbridge a revised timeline for SchoolMint data milestone periods.
- Working on repairing assorted issues and building updated reports in SchoolMint for Admissions.
- Working with a Developer Consultant to help map and adjust existing SQL based reports.
- Working with Pam Pence and Infinite Campus on various updates.

Servers and Network Elements:

In terms of Server and Network Elements, the following tasks have taken place this month:

- Prepared and emailed out Category 2 eRate Bid for possible Outside Access Point enhancement/replacement.
- Working with Velocity Network to repair problems with our servers and network equipment. The following repairs have taken place:
 - Setup a new functional DATTO backup/recovery (mid-November) appliance that ensures 3-2-1 compliance including secure cloud backups.
 - Setup the new dual SonicWall router/firewall solution (over Thanksgiving break) with enhanced filtering and redundancy in the case one device goes offline.
 - Working through DNS internal and external name resolution issues (end of November).
 - Working on resolving issues with new physical server purchased last year (end of November)
 - Setup and working through new Computer and Network Security tools (end of November and beginning of December).
- Resolved the issue with the On-Prem to Google synchronization issue so Google can be used for other tools.
- Attended the NetSupportSchool Training with Sandy Carr, Mariea Sargent, Cara Vroman, and Jason Klins to augment the tool in their classrooms.
- Migrating all computer and network systems to separate secure segmented VLANs (as opposed to all network traffic on VLANs that all have access to each other).

Hardware and Software Applications:

In terms of Hardware and Software Applications, the following tasks have taken place this month:

- Finalizing the order details for the annual laptop replacements per the Technology Department rotation plan.
- Reviewing the Network Vulnerability report and all of the “potential” problems it has found.
- We have found a resolution for the Windows 11 TechSchool wireless network problem and implement it as the problem occurs.
- Andy Fair and Ben Igras continue to work on laptop repair issues and replacing failing tablet computers with laptops as equipment is available.
- The new High School Office copier was installed and has been being used successfully.
- Andy Fair continues his work on ongoing problems with door controls, call boxes, and cameras.
- Ben Igras is working through specific IT post summer not completed tasks.
- Mike Miller is working on reviewing the Technology Rotation plan to begin planning for the 2023-2024 technology replacements.
- The technology department continue to prioritize and repair problems as all return to school and start to use network or network resources.