

## **Technological Infrastructure**

To address the rapidly growing and ever changing IT needs of WMAC's administration, faculty, staff, and students, Wentworth continues to assess a \$500 per-year per-student technology fee (boarding students only). This revenue stream, which began in AY 2013-2014, allowed the college to launch a substantial, aggressive three-year master plan to address the IT needs of all constituents on campus.

### *Year One* (completed 2013-2014)

- Two new student computer labs, equipped with high resolution monitors, virtual desktop software creating faster and more flexible access, and increased bandwidth.
- Increased bandwidth to wireless communications network across the campus. Also eliminated areas on campus that previously had no or unreliable wifi access.
- New administrative servers and network.

### *Year Two* (completed 2014-2015)

- New Chromebooks issued to all boarding college cadets; Chromebooks made available for purchase to all commuting students.
- New academic server and network.
- Installation of Stoneware, a consolidated resource delivery system and classroom.
- Management software compatible with the Chrome operating system.
- New campus-wide security camera system.
- New, comprehensive enterprise level backup systems, both on and offsite.

### *Year Three* ( completed 2015-2016)

- New, consolidated campus management software system.
- New desktop units for all administrative staff.
- Transition to laptop computers issued to college cadets, providing improved capabilities

### *Year Four* (2016-2017: delayed from pervious year due to fiscal constraints )

- New phone provider allowing additional features in all classrooms to include an intercom system for emergencies and security
- Additional hardline into campus for redundancy and increasing the bandwidth a second time.
- Upgrades on printer/copier/scanners to allow students secure printing throughout the campus.
- Second firewall to increase security online