



OREGON COAST

COMMUNITY COLLEGE

Technology Replacement Plan

August 6th, 2025

Office of Information Technology
Original August 6, 2019
Updated August 6, 2025

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Executive Summary

The buildings at Oregon Coast Community College's Central Campus in Newport, its North Center in Lincoln City and its South Center in Waldport, were constructed between 2008-2011 as part of a large, bond-funded, capital construction project. Bond funding covered the initial technology costs for servers, peripherals, labs, classrooms, offices and common areas with the technology being deployed as each building was completed and put into service.

In the years since that original deployment, there have been several grants and initiatives, along with increases to the IT departmental budget, that have provided the means to refresh the technology, and those hardware refreshes have helped keep the College current and up to date.

Beginning in 2014, the Information Technology department began a systematic assessment of the state of technology at the College, and it has been replacing those hardware and software items most needed. Our current 4-year replacement strategy is to have 25% of the working technological equipment replaced each year, with the oldest/most troublesome equipment being replaced first in any given year.

Current Environment

Currently, at the Oregon Coast Community College locations, there are

- 175 Desktop computers
- 85 Laptop computers
- 16 Printers
- 15 Mobile AV Carts
- 6 AV Conference Rooms

Of the 175 Desktop computers, 40 are slated for replacement this year. The COVID-19 Pandemic created a need for mobile computing, replacing desktop computing with more flexible, remote-capable computing. That trend has continued in many areas of the College because of the mobility it affords. Desktop computing often then consists of the mobile laptop connected to dual monitors on a USB-connected docking station.

The AV conference rooms are becoming more refined as time goes on. Meeting Owl camera/mic/speaker systems are prevalent, and AV carts are deployed throughout the campus.

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Printer use has been predominantly directed to the centrally administered Sharp multi-function printers around campus. There are a few color printers for department use as well.

Replacement Criteria for Computers and Related Equipment

The criteria for replacing computers and related equipment will be reviewed annually by the Office of Information Technology. The current criteria for replacement are:

- Age and model of computer - In 2025, a computer incapable of upgrading to Windows 11 triggers automatic replacement. The lectern computers are slated to be replaced with ASUS NUC computers for consistency and manageability.
- Memory - Computers with 8Gb of memory or less will be replaced.
- Repair History - More than 4 repairs in a calendar year. If there is some indication that, even after repairs, there are continuing problems, the equipment should be replaced.
- Resolution - Any monitor with a resolution of less than 1280x1024 will be replaced, unless there is a well-defined need for a lower resolution (TTY, terminal emulation, DOS, etc.)
- Change in operational needs - If there is an indication that a resource is no longer meeting the needs of the students, faculty, or staff, that resource will be examined and possibly replaced with a similar piece of equipment that will meet the current needs.

Recommended Configurations

Desktop computers running Windows 11 run best with:

- 4 cores or more for brisk processing. A CPUBenchmark.net rating below 10,000 is inadequate for the demands of Windows 11 and current software needs.
- At least 16Gb of RAM, with 32 preferred for best and most reliable work.
- A monitor at 1920x1080 resolution or above. Any monitor with a resolution less than 1080p will be replaced, unless there is a special need for a lower resolution.

Liquidation

Equipment that has reached its end of life, where the ongoing costs of maintenance and productivity outweigh the resources gained from the equipment, will be liquidated in

accordance with State of Oregon procedures and the processes detailed in any grant that may govern the use of the equipment.