

# COMPUTER HARDWARE TECHNOLOGY (631)

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## **631-183. IT Essentials. (3 Credits)**

Gain a comprehensive overview of computer systems and an introduction to advanced IT concepts. Learn how to identify the internal components of a computer, assemble a computer system, install an operating system, and troubleshoot various computer and network issues. Explore how mobile devices, IoT and cloud computing work together to form a diverse networked environment.

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=631&num=183>)

## **631-184. Computer Hardware Repair. (3 Credits)**

This course will expand the student's knowledge beyond the basic computer troubleshooting techniques. Students will participate in a hardware repair shop experience by providing basic computer repair services for community members, students, staff and faculty.

Prerequisites: (801-136 with a minimum grade of C or 801-195 with a minimum grade of C) and (801-196 with a minimum grade of C or 801-198 with a minimum grade of C) and (631-183 with a minimum grade of B and 154-135 with a minimum grade of C and Associate Dean approval)

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=631&num=184>)

## **631-401. Computer Troubleshooting. (0.2 Credits)**

Learn the fundamentals of the 7 Layer OSI Model and the 6 Step Troubleshooting Process, and explore the components of a computer and their functions.

See sections of this course (<http://www.wctc.edu/academics/programs-courses/course-search/course-search-listing.php?code=631&num=401>)