

Departmental Syllabus

Prepared by the Department of **Business**

Date of Departmental Approval: February 14, 2017

Date approved by Curriculum and Programs: **February 22, 2017**

Effective: Fall 2017

1. **Course Number:** BIT 115
Course Title: IT: Windows Desktop Operating Systems
2. **Description:**
Students develop competency installing, configuring, upgrading, and supporting microcomputer-based operating systems. Students learn about memory management and system optimization techniques. System support software utilities are reviewed. Students study evaluation and selection methodologies for operating systems. Command line usage, file and disk management, system performance, device drivers, security, network support, hardware peripheral support and help topics are included. Communication and professionalism are stressed. This course covers material for CompTIA A+ 220-602 exam.
3. **Student Learning Outcomes** (instructional objectives, intellectual skills):
Upon successful completion of this course, students are able to do the following.
 - Demonstrate the ability to properly install, configure, upgrade, troubleshoot and repair microcomputer operating systems including desktop and portable systems, basic networks, and printers.
 - Demonstrate advanced operating system procedures including diagnostic procedures and optimization
 - Install and maintain printers and scanners
 - Describe the fundamental principles of security and troubleshoot security issues
 - Use safety and common preventive maintenance procedures.
 - Communicate in a professional manner both orally and in writing.
4. **Credit(s):** 3 credits
5. **Satisfies General Education Requirement:** No
6. **Prerequisite(s):** ENL108 (Critical Reading & Thinking) or satisfactory basic skills assessment score
7. **Semester(s) Offered:** Fall, Spring
8. **Suggested General Guidelines for Evaluation:** hands-on labs, assignments, exams, midterm and final.
9. **General Topical Outline** (Optional):