

Prepared by the Department of Business

Date of Departmental Approval: February 2, 2017

Date approved by Curriculum and Programs: February 15, 2017

Effective: Fall 2017

1. **Course Number:** BIT116

Course Title: IT: LINUX

2. **Description:** This course provides students with hands on working knowledge of Linux using both the graphical interface and command line, and covering the major Linux distribution families with an emphasis on Kali Linux. Topics include various tools and techniques commonly used by end users and Linux system administrators to achieve their day-to-day work in a Linux environment. This course is designed for computer users who have limited or no previous exposure to Linux.

3. **Student Learning Outcomes** (instructional objectives, intellectual skills):
Upon successful completion of this course, students are able to do the following

- Apply system configurations and graphical interface of Linux
- Demonstrate knowledge of Linux and Kali Linux
- Navigate through major Linux distributions
- Use basic command line operations
- Utilize common applications of Linux

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:** Varies

8. **Suggested Guidelines for Evaluation:** hands on labs, quizzes, midterm, final

9. **General Topical Outline** (Optional):