

# Virginia Western Community College

## ITE 105

### Careers and Cyber Ethics

#### **Prerequisites**

None

#### **Course Description**

Career paths in Information Technology will be explored to help the student determine the appropriate degree plan. Career paths will include but not be limited to software development, computer science, database, networking, system administration and operations, end user support, web design, and management. The student will learn ethical concerns in business and information technology including the ACM Code of Ethics.

**Semester Credits: 2 Lecture Hours: 2 Lab/Clinical/Internship Hours: 0**

#### **Required Materials**

##### **Textbook:**

- Ethics in Information Technology, George W. Reynolds, ISBN: 978-1-285-19715-9
- Connect to Your Career, Suzann Connell & Julie Jaehne, ISBN: 978-1-61960-906

##### **Other Required Materials:**

USB/Flash Drive or Cloud Access

#### **Course Outcomes**

**At the completion of this course, the student should be able to:**

1. Identify positions in the IT field.
2. Understand the expectations of the IT professional.
3. Understand how to locate job opportunities.
4. Demonstrate an understanding of how to assess a job offer.
5. Define ethics.
6. Demonstrate an understanding of the importance of acting in accordance with a code of ethics.
7. Demonstrate an understanding of the common ethical issues that face IT users.
8. Demonstrate an understanding of what constitutes a computer crime and the current methods of data security.
9. Define the right to privacy and demonstrate an understanding of the basis for protecting personal privacy under the law.

10. Define intellectual property and demonstrate an understanding of the impact of violating those rights.
11. Demonstrate an understanding of software security and how to protect individual and corporate rights.
12. Demonstrate an understanding of the impact of contingent workers in the work place.
13. Demonstrate an understanding of the ethical issues surrounding whistle blowing.
- 14.** Demonstrate an understanding

## **Topical Description**

1. Ethics in Information Technology:
2. *Chapter One:* An Overview of Ethics
3. *Chapter Two:* Ethics for IT Workers and IT Users
4. *Chapter Three:* Computer and Internet Crimes
5. *Chapter Four:* Privacy
6. *Chapter Five:* Freedom of Expression
7. *Chapter Six:* Intellectual Property
8. *Chapter Seven:* Software Development
9. *Chapter Eight:* The Impact of Information Technology on Productivity and Quality of Life
10. *Chapter Nine:* Social Networking
11. *Chapter Ten:* Ethics of IT Organizations
  
12. Connect to Your Career:
13. *Chapter One:* Online Presence
14. *Chapter Two:* Protecting your Online Identity
15. *Chapter Three:* Networking for Your Career
16. *Chapter Four:* Workplace Skills
17. *Chapter Five:* Your Career Strengths
18. *Chapter Six:* Resumes
19. *Chapter Seven:* Cover Letters
20. *Chapter Eight:* Applying for Jobs
21. *Chapter Nine:* Preparing for the Interview
22. *Chapter Ten:* The Interview
23. *Chapter Eleven:* Evaluating the Interview
24. *Chapter Twelve:* Your Career

## **Notes to Instructors**

1. Connect to Your Career Apply Your Knowledge Questions will be used for classwork and homework assignments, starting in the fall 2013 semester.
  
2. Ethics in Information Technology Self-Assessment Questions will be used for classwork and homework assignments, starting in the fall 2013 semester.

3. Ethics in Information Technology Group Discussion Cases will be used for Project Grades.
4. No Final Exam will be administered in the ITE 105 class.