

Virginia Western Community College
SDV 101
Orientation to Information Technology

Prerequisites

None

Course Description

Introduces students to the skills necessary to achieve their academic goals, services offered at the College, to the discipline in which they are enrolled, and to topics for students on academic probation. Covers topics such as services offered at the College including the learning resources center; counseling, and advising; listening, test taking, and study skills; and topical areas which are applicable to their discipline.

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

Required Materials**Textbook:**

CSCU Online Text – code provided in class

Other Required Materials:

Internet access

Access to a computer or other device to download and view CSCU text content. This content requires an executable file be run that ties the text to the specific device it's downloaded to.

Course Outcomes

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

VWCC Required Outcomes:

- **Budgeting and Financial Resource Management:** The student will be able to create and follow a basic budgeting process and understand the basics of resource management.
- **Academic Career Planning:** The student will be able to plan and structure an academic career plan that best suits their needs.
- **College Policies and Resources:** The student will be able to navigate the available VWCC resources and policies.
- **Academic Skills:** The student will identify the skills necessary to be successful in his/her academic program.
- **Life Management:** The student will demonstrate understanding of life management and help student borrowers understand how to manage their debt and repay their loans

- **Social/Interpersonal:** The student will demonstrate understanding of social interactions.
- **Wellness:** The student will demonstrate understanding of healthy life decisions

Information Technology Specific Outcomes:

Career Exploration and Development:

- Articulate three potential careers based on their interests, values and abilities.
- Completion of the Certified Secure Computer User certification
- Student will complete Cisco Introduction to IT or similar, to include the following lesson objectives:
 - Describe the job opportunities in the Information Technology workforce
 - Demonstrate the use of various sources for identifying IT job postings
 - Identify the major professions in the IT field
 - Identify the major Knowledge, Skills, and Abilities (KSA) associated with specific IT professions
 - Identify and analyze current IT job postings
 - Describe the benefits of creating a personalized career pathway
 - List the steps and tools that can be useful in building a career pathway
 - Explain the concepts of career pathways
 - Describe the choices that make up a personalized career pathway
 - Describe the difference between knowledge skills and abilities
 - Identify the major knowledge, skills, and abilities associated with specific IT professions
 - Compare and contrast academic credentials for the IT workforce
 - Identify major IT professional organizations
 - Identify industry certifications that align to specific IT careers
 - Identify and describe the major IT industry certifications
 - The student will become aware of the software and hardware requirements in the CS/IT program and those used in the job field.
 - The student will become familiar with at least one professional currently working in the IT field and explore the requirements and duties of that person's CS/IT job.

Academic Planning and Preparedness:

- The student will learn by how to more effectively communicate and interact with other students, counselors, and faculty
- The student will be able to successfully navigate the PeopleSoft computer system to accomplish various tasks (i.e., registering for classes, printing a class schedule, running a degree progress report, etc.)
- The student will be familiar with the services available to them on the Virginia Western Community College campus and how to access these services.
- Select or confirm their preferred program of study based on their career exploration.
- Describe possible ways to get workforce experience (internships) while still in school

- Analyze the potential for college articulation or transfer programs and requirements to upper division schools
- Complete a personalized study plan and pathways to a career in the Information Technology profession
- The student will be able to distinguish between university parallel/transfer and applied programs.
- The student will select the appropriate curriculum and electives within that curriculum based on their career goal(s).
- The student will identify all courses required for completion of program and understand both course and program pre-requisites
- The student will develop an academic plan.
- The student will explore possible Industry credentials and which courses align to which credential. A certification plan will be created. The student will become aware of the Academy opportunities that we offer at Virginia Western.
- The student will be able to list, describe, and demonstrate specific methods:
 - learning styles
 - time management
 - preparing for and taking tests
 - note taking skills
 - career planning

Social / Interpersonal

- The student will articulate three ways individuals are diverse and how diversity impacts people. The student will have a better understanding of social and personal issues that affect college success including health concerns, substance abuse, financial management, ethics, and interpersonal relationships.

Topical Description

none