Tech Prep
In
Computer Science

A consortium of High School, Community College and University Departments

This document contains student competency requirements for the specialized area of:

CS-120
INTRODUCTION TO THE INTERNET
5 Credits

To receive college credit in Networking using Internet Technologies, a student must complete all competencies with at least 80% proficiency. It is requested the high school instructor initial each competency area that is completed by the student. By initialing these competencies, the instructor is verifying the student has completed the required work at a level that merits college credit

Revision date: January 2008

When articulating this course for Tech Prep credit, high schools are requested to coordinate with the WWCC Computer Technology Department Chair.
INTRODUCTION TO THE INTERNET

COMPETENCY AREAS: 

UNIT 1: Networking

UNIT 2: Internet basics and webpage creation

UNIT 3: Internet Search and Filter Techniques

Credit Earned

Student Name: _______________________________________________________

High School: _____________________________________________________

Student SS#: _______________________ / SID # ___________________________

_____________________________________________________________________

(high school instructor signature)

High school instructor signature verifies successful completion of all competencies with a minimum of 80% proficiency and awarding of a local high school grade of A or B.

Date: ___________________
INTRODUCTION TO THE INTERNET

Rating Scale for Performance Tasks:

This course is an introduction to networking including the largest network in the world, the World Wide Web. It covers information, resources, services and the basics of Web Page design and creation using HTML or XHTML. Other subjects include global communication, technology trends, social impacts, and Internet resources and services.

For individual competencies the following grading criteria will be observed.

**4 - Highly Skilled/Proficient**
- Student can complete the competency accurately.
- Student can direct others to do the competency.
- Student needs little supervision.
- Written tests, 90%

**3 – Skilled/Performs with Minimum Supervision**
- Student can perform all parts of the competency.
- Student needs only completed work spot-checked.
- A student meets speed and accuracy requirements (if any).
- Student needs minimum supervision.
- Written tests, 80%

**2 - Limited Skills/Performs with Close Supervision**
- Student can perform most parts of the competency.
- Student needs help with only the most difficult parts.
- Student needs close supervision.
- Written tests, 70%

**1 – Exposure/Introductory**
- Student can do simple basics of this competency with very close supervision.

**0 - No exposure/Not Taught**
- Student has had no exposure to this competency.
INTRODUCTION TO THE INTERNET

UNIT 1: Networking

1.1 The student must demonstrate knowledge of basic network structures and ISP connections

1.2 Student will demonstrate the impact on global communications, including regulation and attempted regulation of Internet activities and commerce.

1.3 Student will demonstrate an understanding of all electronic devices used to connect to the Internet including but not limited to cell phones, computers, and other electronic devices

UNIT 2: Internet basics and webpage creation.

2.1 Student must demonstrate ability of creating a webpage using HTML and/or XHTML

2.2 The student will be able to use Internet mail services and newsgroups. They should also show a understanding of privacy of communications, security of financial transactions and access to sites not appropriate for minor children.

2.3 Student must demonstrate proficiency in the use of Internet mail services.

UNIT 3: Internet Search and Filter Techniques

3.1 Student must demonstrate a high level of expertise in using Internet basic search techniques to find information, images, and locations.

3.2 Student must demonstrate a high level of expertise in employing Internet search filter techniques.

Documentation Requirements:
1) Instructor verification of competency form
2) Unit and final examinations with instructor evaluation