Program & Technical Standards for Information Technology Majors

Concerns with a Course

Haywood Community College reserves the right to implement technical standards to protect the safety and health of all students and any clients/patients served in clinics, labs, and shops, and further, to prepare students for employment in the program of study. Please check with the academic advisor prior to enrolling to review specific technical standards based on job requirements for the program of study.

If a student believes that he or she cannot meet one or more of the technical standards without accommodations or modifications, the College must determine, on an individual basis, whether or not the necessary accommodations or modifications can be reasonably made.

Haywood Community College is committed to providing equal educational opportunities for students with documented disabilities. The College complies with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990 which stipulate that no student shall be denied the benefits of an education "solely by reason of a disability." Disabilities covered by law include, but are not limited to, learning disabilities, psychological disabilities, and hearing, sight, or mobility impairments.

Students with a disability are encouraged to disclose their disability to a Student Wellness Counselor. Reasonable accommodations can be provided after the submission of appropriate documentation. For more information, please contact Student Wellness in Student Services at (828) 627-4504/or by email at HCC-Wellness@haywood.edu.

Program Outcomes

The Information Technology degree program is designed to facilitate development of the following program outcomes:

1. Students will understand the basic concepts of computer networking.
2. Students will use proper terminology in relation to computer hardware and software
3. Students will diagnose and correct common hardware/software problems.
4. Students will be able to identify legal, ethical, social, and security issues related to computer information systems
5. Students will be able to install, manage, and maintain a Windows-based operating system.
6. Students will design and utilize a multiple table, non-redundant database.
7. Students will be able to install, manage, and maintain Windows-based server operating system software.
8. Students will set up, install and configure hardware for a computer network.
9. Students will be familiar with the use of Linux workstations.
10. Students will design and develop database driven business applications in a Windows server environment.
11. Students will demonstrate the ability to install, manage, and demonstrate the ability to maintain Windows-based server operating system

12. Students will demonstrate the ability to apply systematic troubleshooting strategies to solve network problems in a switched network/router environment.
13. Students will design and develop Web sites with static content or database driven active content
14. Students will exhibit communication skills, ethical conduct, and the ability to work professionally with a client in a team project.

EXAMPLES ARE NOT ALL INCLUSIVE.

Haywood Community College is an ADA compliant institution. The College does not discriminate on the basis of disability in the admissions process or in access to its programs, services and/or activities for qualified individuals who meet essential eligibility requirements. The College will provide reasonable accommodations for documented disabilities of individuals who are eligible to receive or participate in college programs, services and/or activities. Student Services provides a disability counselor to assist students in requesting disability related accommodations. If a student believes that he/she cannot meet one or more of the essential functions without accommodations, the student is encouraged to disclose the disability to the disability counselor as soon as possible. Students must certify the ability to *meet essential functions of the curriculum by a signed statement in the beginning of the program.*

Clinical and Lab Activity Information

Program of Study: <u>Information Technology</u>

Job Requirements Activity:	Occasional	Frequent	Constant
(List # of lbs.) **0-100**			
Lifting			
Static Knuckle Height	√ (0-50)		
Bench Height	√ (0-50)		
Ankle Height	√ (0-50)		
Shoulder Height	√ (0-50)		
Dynamic Bench Height **(3 feet)**			
To the Left	√ (0-50)		
From the Center	√ (0-50)		
To the Right	√ (0-50)		
Carrying	√ (0-50)		
Cart Height **(3 feet)**			
Pushing	√ (50-100)		
Pulling	√ (50-100)		
List Frequency Only:			
Sitting			√
Standing/Walking		√	
Climbing			
Stairs	√		
Ladder	√		
Balance			
Stooping	√		
Kneeling	√		
Crouching	√		
Crawling	√		
Reaching			
Forward			√
Overhead	√		
Bending Reach	√		
Other	√		
Handling	√		
Fingering			
Feeling	√		
Hearing	√		
Seeing			
Near			√
Distance	√		
Reading			√
Calculating			√
Compiling			√

Lifting Frequencies:

Occasional	1 lift every 30 mintes
Frequent	1 lift every 2 minutes
Constant	1 lift every 15 seconds

Other Activities:

Occasional	0-33% (1-20 min per hour)
Frequent	34-66% (21-40 min per hour)
Constant	67-100% (41-60 min per hour)