CPT101 Safety in Manufacturing Production Syllabus

Course Information

Credits
3
Campus
Washburn Institute of Technology
Address
5724 SW Huntoon
City/State/Zip
Topeka, Kansas 66604
Office Fax
785-273-7080

Description
It is important to be safe while you work. This course provides you with an overview of the Occupational Safety and Health Administration General Industry Designated Training Topics. The course is intended to provide entry level general industry workers a broad awareness on recognizing and preventing hazards in a general industrial setting. The training covers a variety of safety and health hazards which a worker may encounter at a general industry site.

Textbooks
Manufacturing Applications ISBN: 0-07-861183-0

Student Learning Outcomes:
A. Communicate effectively
B. Integrate technology
C. Learn effectively
D. Demonstrate cooperative teamwork skills
E. Apply safety in the workplace
F. Think critically and creatively
G. Demonstrate responsible work ethics

Competencies
1. Describe the impact of accidents
2. Demonstrate hazard recognition and risk assessment techniques
3. List the elements of an Emergency Action Plan
4. List the elements of a Fire Prevention Plan
5. List the elements of a Hazard Communication Plan
6. Identify the basic fall, electrical, fire, materials handling, and heavy machinery hazards and explain the general safety procedures associated with them.
7. Demonstrate the use of appropriate personal protective equipment
8. Identify the various signs, signals, barricades, markers, and tags used on an industrial site
9. Demonstrate general hand and power tool safety guidelines
10. Explain the use of work permits and lockout/tagout procedures
11. Demonstrate proper manual lifting procedures
12. Identify the hazards of working around or on heavy equipment
13. Explain the purpose of machine guarding
14. Explain the basics of industrial health and procedure for dealing with bloodborne pathogens

Guidelines for Success

Assessment Plan
Assessment is an integral part of the educational process at Washburn Tech and accurate feedback is an important tool in continuously improving the institution’s technical programs. Students can expect to participate in assessment activities prior to entry into programs, within specific courses and following program completion for specific fields of study.

Grading Rational and Grading Scale
A 93 - 100%
B 85 - 92%
C 76 - 84%
D 69 - 75%
F Below 69%

Attendance
This class is offered in part online. Students are expected to complete the online portions both in the classroom and on their own time. Some face-to-face instruction will also be provided. Students are expected to attend at least 90% of the face-to-face learning opportunities.

Make up Policy
1. Make up work is at the discretion of the instructor.
2. Consideration for makeup work will include a review of the student's attendance and academic habits. A consistent demonstration of abuses by a student and he/she will not receive considerations for make-up.
3. All guidelines for number of hours will follow WIT policy.
Disability
The Special Support Services (SSS) Office is responsible for assisting in arranging accommodations and for identifying resources at Washburn Institute of Technology for persons with disabilities. Qualified students with disabilities MUST register and provide documentation with the office to be eligible for services. New requests for accommodations should be submitted two months or more prior to the date services should begin; however, contact the SSS Office as soon as a need may arise. Depending on the accommodation request, four to eight week lead time may be needed for timely and effective provision of services. SSS coordinates and assist in arranging services it deems appropriate of eligible students on a case-by-case basis.

If you are a student with a disability that may substantially limit your ability to participate in this class and believe you will need accommodations, it is your responsibility to contact:

Special Support Services Coordinator  
Phone: 785-228-6356  
E-Mail: ssscoordinator@washburn.edu