ELE132 Print Reading Syllabus

Course Information

Credits: 2
Campus: Washburn Institute of Technology
Address: 5724 SW Huntoon
City/State/Zip: Topeka, Kansas 66604
Office Fax: 785-273-7080

Description

Print Reading I will introduce the student to the fundamentals of interpreting construction drawings. Students will learn to interpret plan views, elevation views, sections, details, schedules, specifications, symbols, and abbreviations found on most residential, commercial, and industrial construction drawings.

Textbooks


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. Identify basic construction drawing terms, components, and symbols.
2. Relate information on construction drawings to actual location on the print.
3. Identify different classifications of construction drawings.
4. Interpret drawing dimensions.
5. Utilize drawing dimensions.
6. Explain the basic layout of a set of construction drawings.
7. Interpret the information included in the title block of a construction drawing.
8. Identify the types of lines used on construction drawings.
9. Using an architect’s scale, state the actual dimensions of a given component.
10. Interpret electrical drawing, including site plans, floor plans, and detail drawings.
11. Describe the type of information included on electrical specifications.

**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 Rationale**
Student progress is evaluated by means that include, but not limited to: exams (60%), written assignments/labs (30%), and attendance/class participation (10%).

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<th>Grade</th>
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<td>A</td>
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**Attendance**
Classroom attendance is required. Material missed must be made up with instructor.

**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