

CDLT 175-TRUCK LOAD METHODS 3 CREDITS

SYLLABUS

CATALOG DESCRIPTION

The student will be introduced to legal and effective methods in cargo securement: chaining, strapping, working load limits, blocking and bracing, and proper balance. Loading and docking procedures for flatbed and van trailers will be demonstrated, specialized equipment will be discussed. Students will operate class-A vehicle at state scale. Receive in-depth discussions and instructions on vehicle inspections, hazardous material and or liquid transport.

Prerequisites: Students need to have completed CDLT 149, and CDLT 174 with a “C” or better.

Semester Offered: ALL

Common Student Learning Outcomes

Upon successful completion of San Juan College programs and degrees, the student will demonstrate competency in...

BROAD AND SPECIALIZED LEARNING

Students will actively and independently acquire, apply, and adapt skills and knowledge with an awareness of global contexts.

CRITICAL THINKING

Students will think analytically and creatively to explore ideas, make connections, draw conclusions and solve problems.

CULTURAL AND CIVIC ENGAGEMENT

Students will act purposefully, reflectively, and ethically in diverse and complex environments.

EFFECTIVE COMMUNICATION

Students will exchange ideas and information with clarity in multiple contexts.

INFORMATION LITERACY

Students will be able to recognize when information is needed and have the ability to locate, evaluate, and use it effectively.

INTEGRATING TECHNOLOGIES

Students will demonstrate fluency in the application and use of technologies in multiple contexts.

Student work from this class may be randomly selected and used anonymously for assessment of course, program, and/or institutional learning outcomes. For more information, please refer to the Dean of the appropriate School.

Course Learning Outcomes

Upon successful completion of the course, the student will be able to...

1. Demonstrate cargo securement procedures

2. Evaluate securement needs and apply adequate and appropriate cargo securement solutions
3. Identify and list uses for various cargo securement devices: rope, chain, strap, wrap, blocking/bracing cushions, etc.
4. Perform cursory cargo placement for securement
5. Construct loading plans for differing cargo to obtain a naturally balanced load
6. Use a variety of truck scales
7. Resolve weight problems
8. Properly/safely use loading docks
9. Explain van loading/weight distribution
10. Differentiate hazardous material and liquid material loads
11. Identify international safety procedures

