

**J. Sargeant Reynolds Community College  
Course Content Summary**

**Course Prefix and Number: DSL 143      Credits: 4**

**Course Title: Diesel Truck Electrical Systems**

**Course Description:**

Studies the theory and operation of various truck and tractor electrical systems. Covers preheating, starting, generating (charging), multiplexing, and lighting systems. Uses modern test equipment for measurement, adjustment, and troubleshooting electrical and electronic systems. Lecture 2 hours. Laboratory 4 hours. Total 6 hours per week. 4 credits