



TRUCK TRANSPORTATION

Merit Badge Requirements

- 1) List the major truck lines serving your town.
- 2) Tell the importance of trucks in providing freight service to towns served by no other means. Name some towns in your area served only by trucks.
- 3) Describe how trucks fit in with other forms of transportation.
- 4) Describe the difference between the gasoline engine and the diesel engine that power trucks. List the advantages of each.
- 5) Visit a truck terminal and do the following:
 - A) Check the use of communications facilities. What means are used? How does a dispatcher control over-the-road trucks? How does the dispatcher control local trucks?
 - B) Find out from the maintenance department the following: How many miles are engines run between overhauls? How do they get better tire life? How are breakdowns prevented? What maintenance work is done by the company? What work is done outside the company?
 - C) Talk with a professional truck driver about safety. List five safe-driving rules he or she follows.
- 6) Outline the general organization of a truck company. Describe what each department does.
- 7) Do the following:
 - A) List five jobs with trucking companies. Describe each.
 - B) Talk with the safety director or driver supervisor about the requirements for becoming a professional truck driver.
- 8) Name five governmental agencies that regulate trucking. Tell what they regulate.
- 9) List five different kinds of trucks. Tell the service each gives.
- 10) Assume that you are going to ship 100 pounds from your town to another by truck. Explain in writing how you would handle this shipment from your town to a place 500 miles away. Tell when the things are needed. List what truck lines are used. Tell how the shipment is insured for damage. Tell when it must be made if it is to arrive on time.
- 11) Define the following terms:
 - A) APU
 - B) Bill of Lading
 - C) Common Carrier
 - D) Containerization
 - E) ETA
 - F) Logbook
 - G) Fifth Wheel
 - H) OS&D
 - I) LTL

Requirement 1

List the major truck lines serving your town:

_____	_____	_____
_____	_____	_____

Requirement 2

Tell the importance of trucks in providing freight service to towns served by no other means: _____

Name some of the towns in your area served only by trucks:

_____	_____	_____
_____	_____	_____

Requirement 3

Describe how trucks fit in with the other forms of transportation: _____

Requirement 4

What is the difference between the gasoline engine and the diesel engine that power trucks? _____

What are some of the advantages of a gasoline engine? _____

What are some of the advantages of a diesel engine? _____

Requirement 5

For this requirement you must visit a truck terminal. Terminal Visited: _____ Date: _____

During your visit, check the use of communication facilities. What means are used? _____

How does a dispatcher control over-the-road trucks? _____

How does the dispatcher control local trucks? _____

During your tour, visit the maintenance department and answer the following:

How many miles are engines run between overhauls? _____

How do they get better tire life? _____

How are breakdowns prevented? _____

What maintenance work is done by the company? _____

What work is done outside the company? _____

During your visit talk with a professional truck driver about safety. List five safe-driving rules he or she follows:

Rule #1: _____

Rule #2: _____

Rule #3: _____

Rule #4: _____

Rule #5: _____

Requirement 6

Use the space below to outline/diagram the general organization of a truck company.

For each of the departments you listed in your organization diagram, give a brief description of what each department does.

Department: _____ Responsibilities: _____

Department: _____ Responsibilities: _____

Department: _____ Responsibilities: _____

Department: _____ Responsibilities: _____

Department: _____ Responsibilities: _____

(Attach an additional piece of paper if needed)

Requirement 7

List and describe five jobs with trucking companies:

Job: _____ Description: _____

Job: _____ Description: _____

Job: _____ Description: _____

Job: _____ Description: _____

Job: _____ Description: _____

Talk with the safety director or driver supervisor about the requirements for becoming a professional truck driver. What did you learn? _____

Requirement 8

Name five governmental agencies that regulate trucking and tell what they regulate:

Agency: _____ What do they regulate? _____

Agency: _____ What do they regulate? _____

Agency: _____ What do they regulate? _____

Agency: _____ What do they regulate? _____

Agency: _____ What do they regulate? _____

Requirement 9

List five different kinds of trucks and the service each one provides:

Truck: _____ Service Provided: _____

Truck: _____ Service Provided: _____

Truck: _____ Service Provided: _____

Truck: _____ Service Provided: _____

Truck: _____ Service Provided: _____

Requirement 10

Assume that you are going to ship 100 pounds from your town to another by truck. Use the questions below to help plan your shipment. After planning, explain in writing how you would handle this shipment from your town to a place 500 miles away.

When are the items needed? _____

What truck lines do you plan to use? _____

How is the shipment insured for damage? _____

When must the shipment be made in order to arrive on time? _____

Now, explain in writing the process of the shipment and how you would handle this shipment from your town to a place 500 miles away: _____

Requirement 11

Explain the following Terms:

APU: _____

Bill of Lading: _____

Common Carrier: _____

Containerization: _____

ETA: _____

Logbook: _____

Fifth Wheel: _____

OS&D: _____

LTL: _____
