

2010

TRUCK TRANSPORTATION
PROGRAM OVERVIEW
& WORKBOOK



SUNRISE EXPRESS

MERIT BADGE UNIVERSITY

OVERLAND TRAILS COUNCIL

7/31/2010

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PROGRAM OVERVIEW

MERIT BADGE REQUIREMENTS

*(PRE-REQUISITE REQUIREMENTS IN **BOLD RED UNDERLINED ITALICS**)*

WORKBOOK PART ONE

(COMPLETE BEFORE ATTENDING MBU)

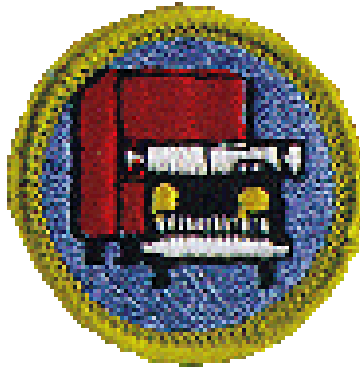
WORKBOOK PART TWO

(WILL BE COMPLETED DURING CLASS)

ADDITIONAL RESOURCES

APPLICATION for MERIT BADGE

(MUST HAVE UNIT LEADER SIGNATURE PRIOR TO CLASS)



FEBRUARY 2010

Information in this booklet was accurate at the time of publishing.
Boy Scouts Requirements 2010, Copyrighted Boy Scouts of America
Program Overview & Workbook was reviewed by
MBU Staff/Committee.

TRUCK TRANSPORTATION PROGRAM OVERVIEW

COUNSELOR: tba

C/O: Overland Trails Council
PO Box 1361
Grand Island, NE 68802-1361

LOCATION: Sunrise Express
1420 Ada Street
Grand Island, NE 68803

TRANSPORTATION: Transportation is provided

ADDITIONAL COSTS: None

CLASS SIZE: 10

BRING TO CLASS: Truck Transportation merit badge pamphlet.
Truck Transportation merit badge workbook, part one & part two.
Signed "Application for Merit Badge", found at the end of the merit badge workbook. (This will be your only record of work completed on this merit badge.) If your Council requires the official "blue card", you must bring one with you to class.

PRE-REQUISITES: Complete Part One of the workbook before class (requirement 1, 6, 7, & 10).
Complete information on the "Application for Merit Badge" including Scoutmasters signature.

CURRICULUM: Requirements 2, 3, 4, 5, 8, & 9 will be completed during class (part two of the workbook). Pre-requisites will also be reviewed during class.

TRUCK TRANSPORTATION

Boy Scouts Requirements 2010



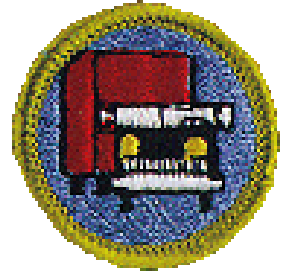
PRE-REQUISITE REQUIREMENTS ARE PRINTED IN **ITALICS &**
MUST BE COMPLETED BEFORE CLASS.

1. **List the major truck lines serving your town.**
2. Do the following:
 - a) Describe the role of truck transportation within commerce (the movement of goods, funds, and information).
 - b) Describe how trucks fit into a company's supply chain. This could be a manufacturer, importer, wholesaler, or retailer.
 - c) On paper, map out how goods that are manufactured overseas are transported to retailer in this country.
3. Describe the difference between the gasoline engine and the diesel engine that power trucks. List the advantages of each.
4. Visit a truck terminal and complete items 4a through 4e. After your visit, share what you have learned with your counselor.
 - a) Find out what kind of maintenance program the company follows to help keep its fleet, drivers, and the roadway safe.
 - b) Find out how dispatchers maintain communication with drivers on the road.
 - c) Talk with a professional truck driver about safety. Learn about the truck driver's rules of the road for safe driving. List five safe-driving rules every professional truck driver must follow.
 - d) Review the driver's log and find out what kind of information the log contains.
 - e) Learn about important federal regulations that help ensure public safety.
5. Do the following:
 - a) Outline the general organization of a trucking company. Describe what each department does.
 - b) List five positions with trucking companies and describe each one.
6. **Name five government agencies that work closely with the trucking industry. Describe their role.**
7. **List five different kinds of trucks. Tell the service each provides.**
8. Assume that you are going to ship by truck 500 pounds of goods (freight class 65) from your town to another town 500 miles away. Your shipment must arrive within three days. Explain in writing:
 - a) How to prepare the shipment
 - b) How to compare at least three carriers for time in transit and rates
 - c) How to choose which carrier to use
 - d) How to insure the shipment for damages
9. Define the following terms: bill of lading, ETA, logbook, intermodal, containers, tariff, shippers, carrier, consignee, drayage, cartage.

10. Learn about opportunities in the field of truck transportation. Choose one career in which you are interested and discuss with your counselor the major responsibilities of that position and the qualifications, education, and training such a position requires.

TRUCK TRANSPORTATION WORKBOOK

PART ONE, PRE-REQUISITIES



Name _____
 Unit # _____ District _____
 Council _____

Part One of the workbook must be completed before class.

Bring the entire workbook (part one and part two) with you to class.

Also bring the "Application for Merit Badge" signed by your scoutmaster (included at the end of the workbook).

1. List the major truck lines serving your town.

Truck lines:

6. Name five government agencies that work closely with the trucking industry. Describe their role.

Government agencies:

Agency	Role with the trucking industry
1	
2	
3	
4	
5	

TRUCK TRANSPORTATION WORKBOOK, PART ONE, p.2

Name _____

7. List five different kinds of trucks. Tell the service each provides.

Kinds of trucks:

<i>Truck</i>	<i>Service it can provide</i>
1	
2	
3	
4	
5	

10. Learn about opportunities in the field of truck transportation. Choose one career in which you are interested and discuss with your counselor the major responsibilities of that position and the qualifications, education, and training such a position requires.

Career opportunities in the field of truck transportation:

Pick one career:

<i>Career:</i>
<i>Responsibilities:</i>
<i>Qualifications:</i>
<i>Education:</i>
<i>Training:</i>

Name _____

2. continued

- c) On paper, map out how goods that are manufactured overseas are transported to retailer in this country.

Map out how goods are transported from a manufacturer overseas to a retailer in the U.S.

- 3. Describe the difference between the gasoline engine and the diesel engine that power trucks. List the advantages of each.

Differences between gasoline and diesel powered engines:

Advantages of Each

<i>Gasoline powered engine</i>	<i>Diesel powered engine</i>

Name _____

- 4. Visit a truck terminal and complete items 4a through 4e. After your visit, share what you have learned with your counselor.
 - a) Find out what kind of maintenance program the company follows to help keep its fleet, drivers, and the roadway safe.

Maintenance program:

- b) Find out how dispatchers maintain communication with drivers on the road.

How dispatchers maintain communication:

- c) Talk with a professional truck driver about safety. Learn about the truck driver's rules of the road for safe driving. List five safe-driving rules every professional truck driver must follow.

Safety:

Rules of the road for safe driving:

Safe-driving rules every professional truck driver must follow:

1
2
3
4
5

Name _____

- 9. Define the following terms: bill of lading, ETA, logbook, intermodal, containers, tariff, shippers, carrier, consignee, drayage, cartage.

Define the following:

<i>Bill of lading</i>	
<i>ETA</i>	
<i>Logbook</i>	
<i>Intermodal</i>	
<i>Containers</i>	
<i>Tariff</i>	
<i>Shippers</i>	
<i>Carrier</i>	
<i>Consignee</i>	
<i>Drayage</i>	
<i>Cartage</i>	

ORGANIZATIONS and WEB SITES

(Whenever you go online, be sure you have your parent's permission first.)

American Trucking Associations

<http://www.truckline.com>

Federal Motor Carrier Safety Administration

<http://www.fmcsa.dot.gov>

National Transportation Library

<http://ntl.bts.gov>

U.S. Department of Transportation

<http://www.dot.gov>

TRUCK TRANSPORTATION WORKBOOK

Notes



APPLICATION FOR MERIT BADGE

Name: _____

Address: _____

City: _____

State: _____

Is a registered _____ Boy Scout,
 _____ Varsity Scout,
 _____ Venturer,

of _____ No. _____
Troop, team, crew, ship

District: _____

Council: _____

MERIT BADGE UNIVERISTY

Merit Badge: **Truck Transportation**

Counselor: _____

Address: Overland Trails Council

PO Box 1361

2808 O'Flannagan

Grand Island, NE 68802-1361

Phone: 308-382-3717

email: mbuotc@yahoo.com

and is qualified to begin working for this merit badge and has completed the following pre-requisite requirements:

SECTION A PRE-REQUISITE REQUIREMENTS

Requirement No. and letter	Date of Approval	Counselor Initial	Requirement No. and letter	Date of Approval	Counselor Initial
1					
6					
7					
10					

The applicant has personally appeared before me and demonstrated to my satisfaction that he has met all pre-requisites requirements for the above stated merit badge and is ready to attend his assigned MBU class.

Signature of Unit Leader _____ Date _____

SECTION B APPLICANTS RECORD

Requirement No. and letter	Date of Approval	Counselor Initial	Requirement No. and letter	Date of Approval	Counselor Initial
2					
3					
4					
5					
8					
9					

The applicant has personally appeared before me and demonstrated to my satisfaction that he has completed all requirements in **SECTION B** above for the

Merit Badge: **Truck Transportation**

Name of Counselor: _____

Signature of Counselor _____ Date _____

SCOUT INSTRUCTIONS

- Complete your name, address, city, unit type & number, district, & council on the Application for Merit Badge.
- Your unit leader must sign the Application for Merit Badge before attending class.
- All other information is already printed on the Application for Merit Badge; please make sure all information is correct.
- The merit badge counselor is registered & approved for this merit badge and is on the MBU Counselor's List.
- Read the merit badge pamphlet.
- Attend the merit badge class.
- Always meet with your counselor along with a buddy (a Scout, friend, or parent)
- Have your merit badge worksheet with you when you attend class.
- **If the merit badge pre-requisites are not completed before class, you will not be able to complete the merit badge during this weekend event, you will have to follow up with your Unit's Advancement Chair when you return home**
- **PLEASE BE AWARE THAT SOME COUNSELORS WILL NOT ALLOW YOU TO ATTEND THEIR CLASS WITHOUT PRE-REQUISITES COMPLETED—CLASS CURRICULUM IS DEPENDENT ON PRE-REQUISITE WORK BEING COMPLETED!**

COUNSELOR INSTRUCTIONS

- Never meet alone with a Scout.
- Verify all information & merit badge name on Application for Merit Badge is correct.
- Sign your name on the line at the bottom of **"SECTION B APPLICANTS RECORD"**.