



**Ephrata High School
Course Syllabus
Safety Education
Course Numbers 5752**



I. Course Description

Course Description: The Classroom Component of Safety Education ... explores the safety “Rules of the Road”. It investigates the different transportation topics of licensing procedures for the students; vehicle familiarization & maintenance; car control in varying conditions; methods/systems to reduce risks; roadway signs, signals, and markings; the impact of drugs & alcohol as well as road rage/emotions that influence driving; sharing the road with others.

II. Materials & Equipment

Materials:

- Pa. Driving Manual issued to all students
- Classroom Text: Drive Right and supplemental resources
- Car for class demonstrations and Classroom Driving Simulators
- Guest Speakers as available/applicable
- Topic videos/DVD's and complementary worksheets/assessments
- Worksheets, puzzles, in-class Essential Question assessments
- Station Materials: Tires, Jumper Cables, B.A.C. Drunk Goggles

III. Course Goals & Objectives

Pa. Driving Manual Essential Questions: (with Applicable State Standards)

- What preparations are necessary to successfully obtain a Driver's License? (14.1)
- What are fundamental roadway traffic controls to safely share the roads? (14.1 A; 14.2 C; 14.6 A)
- What knowledge is necessary to safely operate/maintain a motor vehicle? (14.1 B,C; 14.2 B,C; 14.3 A-D; 14.4 C-F)
- What basic risk-management skills/abilities are necessary to safely share the roads? (14.3 A-D; 14.4 C-G; 14.6A-E)
- What basic car-control skills are necessary to safely drive in varying conditions? (14.5 A-D)
- How do Pa. and other states cooperate to improve/ensure safe driving? (14.1 A,B;14.2 C; 14.5; 14.6 A)
- What are the characteristics & consequences associated with driving impaired? (14.6 A-E)

IV. Course Topics (Summary Outline)

- Graduated Licensing Steps (14.1 A)
- Risk Management Systems-IPDE, Smith, & Zone Control Systems (14.3 A-D;14.4 C-G)
- Seating, Steering Wheel, Mirrors, and Instrumentation (14.2 B,C)
- Vehicle Systems/Functions/Operation (14.2 B,C)
- Manual/Automatic Transmissions (14.2 B,C)
- Vehicle Inspections and Routine Maintenance (14.2 B,C)
- Changing a Tire Procedure, Jump-Starting a “Dead Battery”, and other Roadside Assistance (14.2 B,C)
- Traffic Control Signs, Signals, and Roadway Markings (14.1 A; 14.6 A)
- Laws of the Road; Consequences of Breaking the Law (14.1 A,B;14.6 A)
- Natural Laws and Vehicle Capabilities (14.5 A-D)
- Tires: Contact Patches, Sidewall Information, Treadwear Indications (14.2 B,C; 14.5 A-D)
- Maximizing Traction and Weight Transfer (14.5 A-D)
- Basic Vehicle Maneuvers: Braking, Cornering, Parking Techniques (14.5 A-D)
- Urban, Rural, and Expressway Driving Techniques/Differences (14.1 A; 14.4 C-G; 14.6 A)
- Yielding and Right of Way Procedures/Examples (14.1 A; 14.6 A)
- Sharing the Road and Truck “No-Zones” (14.4 B)
- ABS/Non-ABS Braking Differences/Techniques (14.5 A-D)
- Driving in Adverse Conditions & Accident Avoidance (14.5 A-D)
- Impaired Driving and Health-related Effects on Driving (14.4 C-F; 14.5; 14.6 A-E)
- Vehicle Shopping and Costs of Ownership (14.1 B,C)
- Map Reading and Trip Planning (14.1; 14.2 C; 14.5)

V. Assignments & Grading

Assessments:

- State Regulation Attendance (may miss no more than 4 class days and still pass)
- Teacher Evaluations (Final Examination)
- Written/Verbal Class Summaries (L.F.S: Ticket Out the Door, Comparison Sheets, etc.)
- Chapter/Topics' Quiz/Worksheets' Scoring/Review
- Student Participation: Class Discussions and Presentations
- Driving Simulators' Enrichment & Free Drive Evaluation