Transportation Safety Courses

- BIC: Bicycle Safety
- CDL: Commercial Drivers License
- MOV: Move Montgomery CDL Training and Logistics
- SFT: Safety, Driver Education and Motorcycle Safety
- TSI: Transportation Safety Institute

WD&CE classes are offered year round at dozens of sites throughout Montgomery County, Maryland. This is a compilation of noncredit classes that are offered in the area of Transportation Safety. Not all of these classes are offered each term. Please check the Course Schedule for information about current class schedules: [http://www.montgomerycollege.edu/wdce/courseschedule](http://www.montgomerycollege.edu/wdce/courseschedule). Or you may visit the web page listed for each Program. New classes may be added to the schedule throughout the year.
Montgomery College, Workforce Development & Continuing Education
Noncredit Course Descriptions and Outcomes
Transportation Safety

BIC Bicycle Safety

Bicycle safety and commuter safety tips. Visit the link below for more information on this program.
http://cms.montgomerycollege.edu/wdce/bits/bicycle.html

Bicycle Skills

BIC 002

Bicycle Education course for Bicyclists ready to ride in traffic or on trails for commuting or recreation. This course includes skill development in efficient riding techniques, equipment selection, safety and crucial riding maneuvers. You will learn how to shop and size a bike that’s right for you and the fundamental mechanics and repair. Learn how to find all the information on rules of the road, biking by metro and biking on trails.

Course Outcomes:
1. Size a bike that is appropriate for him/her.
2. Obtain proper routes and map materials.
3. Know the county rules for safety and travel.

Bicycle Training-JARC BikeShare

BIC 003

Course teaches the fundamental skills for bicycle safety, commuter/in-traffic travel and map planning. Course provides range/lot training for participants and instruction on pedaling, steering and stopping among other skills.

Course Outcomes:
Recall steps required to access the bike share stations
Memorize and recall at least 5 critical bicycling scenarios
Identify all lane positions
Stay upright on bicycle throughout the range road activities
Demonstrate safe, competent and confident commuting techniques

Cycling Commuter Safety and Traffic Skills

BIC 001

This course will teach classroom and in traffic safety skills for cyclists to commute to work and school. Students will gain active practice on bicycle safety maneuvers. Students will learn bicycle mechanics, routine maintenance and repair for common bicycle commutes. Students will learn how to read county maps for ideal routes and paths. Students will understand how bicycling can be used as an effective commuting substitute to support a green environment.

Course Outcomes:
Map his/her route to work or school
Negotiate safely on the road and on bike paths
Perform bicycle safety checks and simple repairs
Park and secure bicycles appropriately
CDL  CDL Commercial Driver License

CDL training for trucks and buses. Classroom and behind-the-wheel driving instruction will prepare you for a CDL Class A or Class B License with passenger endorsement certification. Visit the link below for more information on this program.

http://cms.montgomerycollege.edu/wdce/bits/truck.html

CDL A Upgrade (part 1)

CDL 012

This course prepares students to test for an A Level Maryland Commercial Drivers License (CDL-A). The course provides instruction in the preparation and maintenance of driver logs, map reading, trip planning and routing, and pre-trip inspections. Participants will also review important USDOT Federal Motor Carrier regulations that govern commercial drivers and carriers. Topics to be covered include driver log books; map reading; trip planning and routing; Hazmat routing; pre-trip inspections; USDOT regulations. The course provides instruction in the National Safety Council’s Defensive Driving for Professional Truck Drivers program. Participants will also learn techniques for accident and breakdown avoidance, driver wellness, hours of service, and drug and alcohol regulations necessary to meet USDOT New Driver certification requirements.

Course Outcomes:
1. Complete and maintain an accurate driver log book.
2. Read a map to determine road and highway designations that impact routing.
3. Explain the steps to complete a properly executed Pre-Trip Inspection.

CDL A Upgrade (part 2)

CDL 013

This course prepares students to test for an A Level Maryland Commercial Drivers License (CDL-A). The course focuses on pre-trip activities, including brakes, suspension, tires and the engine compartment. Students will be introduced to fundamental vehicle operating and safety procedures, road skills, vehicle maneuvering and on-road operation in a variety of skill areas.

Topics to be covered include: Pre-trip inspections; straight-line parking; alley docking; blind side and sight side parking; up-shifting; and down-shifting, mirrors; right hand turns; left hand turns; limited access highway entering and exiting; speed control; road test preparation

Course Outcomes:
1. Conduct a thorough and complete vehicle Pre-Trip Inspection.
2. Identify all functioning vehicle parts.
3. Demonstrate an ability to smoothly and properly down-shift and up-shift.
4. Demonstrate the correct interpretation of images in both flat and convex mirrors.
CDL 011

This course is designed to teach the skills necessary to pass the Maryland Motor Vehicle Administration’s Class B Commercial Driver’s License road examination. Students will learn the safe and efficient operation of a Class B vehicle through classroom, range and road instruction.

Course Outcomes:

1. Conduct a proper and complete pre-trip vehicle inspection.
2. Demonstrate the ability to accelerate smoothly in both directions and parallel park.
3. Describe federal and state regulations governing the operation of commercial vehicles.
4. Operate a Class B bus vehicle in a manner required to pass the MVA road test for licensure.

CDL Class A--Part 1

CDL 105

This course is designed to teach the skills necessary to pass the Pre-Trip Inspection portion of the MVA’s Class A Commercial Driver’s License examination to become eligible to work as a Class A commercial driver. Students will learn the safe and efficient operation of various tractor-trailer vehicles. Topics to be covered include pre-trip interior and exterior check, National Safety Council defensive driving techniques, log books, and map reading.

Course Outcomes:

1. Demonstrate the ability to conduct a proper and complete Class A pre-trip vehicle interior inspection
2. Demonstrate the ability to conduct a proper and complete Class A pre-trip vehicle exterior inspection
3. Demonstrate the ability to correctly complete a driver log book
4. Demonstrate the ability to read a Commercial road atlas
5. Demonstrate the ability to plan a trip to account for road conditions and restrictions

CDL Class A--Part 2

CDL 106

This course is designed to teach the range and road skills necessary to pass the skills and road portions of the MVA’s Class A Commercial Driver’s License examination to become eligible to work as a Class A commercial driver. Students will learn a variety of backing and parking maneuvers, up-shifting/down-shifting, and the safe and efficient operation of various tractor-trailer vehicles. Topics to be covered include review pre-trip inspections, backing, alley-docking, blind and sight side parallel parking, shifting, highway and road signs, and on-the-road operating techniques.

Course Outcomes:

1. Demonstrate the ability to complete an interior and exterior pre-trip inspection of a Class A vehicle
2. Demonstrate the ability to up-shift a heavy duty manual transmission
3. Demonstrate the ability to downshift a heavy duty manual transmission
4. Demonstrate the ability to successfully perform in the pre-trip, skills and road portion of the MVA licensing exam to obtain a MD CDL-A
5. Demonstrate the ability to complete a straight backing and alley dock maneuver
Montgomery College, Workforce Development & Continuing Education  
Noncredit Course Descriptions and Outcomes  
Transportation Safety

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<tr>
<th>Course Type</th>
<th>Course Code</th>
<th>Description</th>
<th>Course Outcomes</th>
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</table>
| CDL Class A--Part 3 | CDL 108 | This continuing education course is designed for the general public to test and obtain a Commercial Vehicle License and provides instruction in operating a commercial vehicle. Topics include: on-road defensive driving; tractor operation without trailers; identification of types of trailers; communication and conflict resolution. | 1. Demonstrate the ability to operate a Class A tractor without a trailer safely.  
2. Demonstrate the ability to apply defensive driving techniques in a variety of road environments.  
3. Demonstrate the ability to explain different handling characteristics of different trailer types and lengths.  
4. Demonstrate the ability to resolve low-level inter-personal conflict.  
5. Demonstrate the ability to communicate effectively with co-workers and customers. |
| CDL Learner Permit Prep | CDL 010 | Students will be given classroom instruction to understand the general knowledge test through practice exercises and activities. Students will receive instruction on the T,P,X, and S endorsements. | 1. Explain at least 5 General Knowledge topics such as air brakes and transporting passengers.  
2. Describe all four endorsements of TPXS.  
3. Independantly study and review relevant material for MD Learner permit Exam. |
| CDL Power: Learner Permit Prep, Driving Record, and Interviewing Skills | CDL 107 | Three part course to include understanding Transportation industry, responsibilities for keeping a CDL, receive preparation to obtain a CDL learner permit in Maryland and how to deliver a winning interview for employment as a commercial vehicle operator. Students will experience videos, role plays, activities and lectures. | Demonstrate the STAR principles of behavioral interviewing  
Explain the aspects of a DAC/MVR report  
Construct a study plan for the CDL Knowledge/Written test |

5/14/2015  http://www.montgomerycollege.edu/wdce/courseschedule  Page 4 of 13
CDL-DIL Refresher Course

CDL 014

This course is for students needing additional practice driving a Commercial Vehicle. Instructor will assess the students' abilities for instruction and safety. Student will be provided with instruction in areas of pre and post trip inspections, range skills like backing and docking, and on the road street and highway driving.

Course Outcomes:

- Identify skills that need improvement
- Explain the top three MVA Testing expectations
- Identify the appropriate measures to operate a commercial vehicle safely
MOV  MOVE Montgomery CDL Training

CDL training for trucks and buses, with scholarship opportunity. Classroom and behind-the-wheel driving instruction will prepare you for a CDL Class A or Class B License. Visit the link below for more information on this program.

http://cms.montgomerycollege.edu/wdce/bits/truck.html

MOVE CDL B

MOV 002

This continuing education course is designed for prospective truck and bus operators and provides instruction on developing safety, licensure and career skills in commercial vehicle operation. Topics include: Pre-trip (exterior and interior), safe driving techniques, parking, customer service, turning and controlling vehicle in motion.

Course Outcomes:

1. Apply health and wellness techniques and strategies while operating a vehicle.
2. Be conversant in commercial vehicle knowledge and terminology as determined by random conversations with instructors and staff.
3. Conduct the proper and complete pre-trip vehicle inspection as measured by three out of three assessments.
4. Maintain cleanliness of the interior of a training bus through routine clean up during pre-post trip inspections.
5. Properly route road trips

MOVE Ready: Essential Training for Transportation & Logistics

MOV 001

This continuing education course is designed for new truck and bus operators or drivers and provides instruction on developing essential career readiness skills in vehicle operations. Topics include: attitudes and behaviors expected by industry, customer service, interviewing, safety precautions and emergency protocols and learner permit preparation

Course Outcomes:

1. Identify with a responsible, self-determined and self-esteemed attitude.
2. Independently manage personal health and wellness plan.
3. Address customer questions, solve problems and handle difficult conversations effectively.
4. Plan routes incorporating safe and sustainable driving practices.
5. Think through process for effective decision making for difficult situations.
Transportation Safety

SFT Driver Education & Motorcycle Safety

Driver Ed, with classroom and behind the wheel instruction: A prerequisite for getting your driver’s license. Motorcycle Safety provides classroom and driving instruction. Visit the link below for more information on this program.

http://cms.montgomerycollege.edu/wdce/bits/transportationsafety.html

10-Hour Driver Improvement Lessons
SFT 040

Course description is not available.

Course Outcomes:
Outcomes are not available.

20-Hour Driver Improvement Lessons
SFT 042

Course description is not available.

Course Outcomes:
Outcomes are not available.

2-Hour Driver Improvement Lessons
SFT 034

Course description is not available.

Course Outcomes:
Outcomes are not available.

4-Hour Driver Improvement Lessons
SFT 035

Course description is not available.

Course Outcomes:
Outcomes are not available.

60-Hour Driver Improvement Lessons
SFT 039

Course description is not available.

Course Outcomes:
Outcomes are not available.
Transportation Safety

6-Hour Behind the Wheel  
SFT 007  
Course description is not available.  
**Course Outcomes:**  
Outcomes are not available.

6-Hour Driver Improvement Lessons  
SFT 036  
Course description is not available.  
**Course Outcomes:**  
Outcomes are not available.

Alternate Basic Motorcycle Course  
SFT 041  
This seven-hour course is for individuals that have some riding experience and are seeking a Class "M" license. Instruction is provided by Motor Vehicle Administration and Motorcycle Safety Foundation certified instructors. There is no formal classroom. However, various topics including preparing to ride, road management and advanced riding techniques are discussed during the course.  
**Course Outcomes:**  
1. Use the clutch and throttle to get the motorcycle in motion.  
2. Stop the motorcycle properly in a designated area.  
3. Execute gradual and tight turns.  
4. Up and downshift smoothly.  
5. Achieve a speed of at least 25  

Beginner Rider Course 2 (BRC2)  
SFT 057  
This six-hour course is for licensed motorcyclist who want to improve or refresh their skills. Instruction is provided by Motor Vehicle Administration and Motorcycle Safety Foundation certified instructors. Individuals enrolling in this course must have a valid motorcycle license. The Class "M" waiver is not offered as a part of this course. To complete the course riders must pass a skill test administered at the end of the course. Riders who pass will receive a Maryland Motorcycle Safety Program Completion Card.  
**Course Outcomes:**  
Demonstrate improved motorcycle riding skills.  
Pass a skill test and receive a Maryland Motorcycle Safety Program Completion card.
**Beginners Motorcycle Safety**

**SFT 025**

Courses designed for both novices and experienced riders  
Includes both classroom and range instruction  
Taught by professional instructors using special training techniques  
Low tuition  
Training motorcycles reserved for your use when you register

**About the Courses**
Courses consist of both classroom and range (on-motorcycle) sessions. A training motorcycle is reserved for you when you register. Students must come to the range sessions prepared to ride, with long-sleeved shirt or jacket, long pants, sturdy low-heeled shoes that cover the ankles, full-fingered gloves, helmet, and eye protection (face shield, goggles, sunglasses, or spectacles). Some loaner helmets and gloves are available.

Upon successful completion, you will receive a course completion card issued by the Motorcycle Safety Foundation (MSF) and useful for motorcycle insurance discounts by some companies. Also, the MSF card is accepted by some states (but not Maryland) for their motorcycle license skill requirements.

All classes begin at the stated time. If you are not present or on time, you will not be admitted to class.

For further information, call 301-962-8936 between 9am and 5pm Monday through Friday.

**Course:** SFT025  
**CRN:** 42639 R,F,S,U 6/5-6/8 6-9pm (R,F), 8am-3pm(S), 1-6pm

**Course Outcomes:**
1. Demonstrate safe operation of a motorcycle.  
2. Use adequate protective motorcycle riding gear.  
3. Explain the street strategies of motorcycle operation.  
4. Demonstrate turning, shifting and breaking techniques.  
5. Describe basic defensive driving

**CDRS: Driving Assessment and Training Techniques**

**SFT 059**

The workshop will present a variety of assessments tools to help identify whether an individual is ready to learn to drive. Participants will have the opportunity to review video to make decision about students’ readiness to learn to drive. Participants will learn driver training techniques to help new drivers develop the social and executive functions skills necessary for driving.

**Course Outcomes:**
1. Identify the essential tools and methods for assessing the readiness to drive for students with cognitive and social skills disabilities.  
2. Select appropriate assessment tools based on the individual’s medical condition.  
3. Identify driving situations that challenge social and executive function skills.
Montgomery College, Workforce Development & Continuing Education
Noncredit Course Descriptions and Outcomes
Transportation Safety

**Driver Education**

**SFT 043**

This Maryland Motor Vehicle Administration (MVA) required course consists of 30 classroom hours and six-hours of behind-the-wheel driving. The college's program adds value through interactive, student-centered classroom methodology and one on one, needs-based behind the wheel instruction. Students who satisfactorily complete the course receive a certificate enabling them to take the driver's license test at the MVA. Montgomery College educates parents on how to manage their teen's learning to drive experience, beginning with mandatory parental involvement in the orientation session of the Driver Education course. The college expects a collaborative approach between parent and instructor(s) on managing this learning to drive experience. Students under 18 are required to be accompanied by parent(s) at the orientation/first class session which covers Montgomery College's driving school policy, overview of Maryland's Graduated Licensing System program, and the behind-the-wheel schedules. Students must bring a learner's permit to first class/orientation. Typical class size is 18-20. Disability support services should be requested three weeks in advance. Students with mild learning disabilities, check our readiness indicators to see if you would benefit from this inclusive course. For more information on the Driver Education program, please visit www.montgomerycollege.edu/wdce/bits/driversafety.html <

**Course Outcomes:**

1. Demonstrate the ability to manage space safely in an automobile.
2. Demonstrate basic maneuvering tasks in an automobile.
3. Identify personal factors that influence operator performance.
4. Explain ways to reduce collisions.

**Driver Education Instructor Apprentice Prep**

**SFT 050**

Prepatory course to prepare any applicant for a Maryland driver education instructor position to obtain his/her apprentice license. Students will be presented with concepts and material required to test for apprentice license status through Maryland MVA. Upon completion and with some additional study time, students are well prepared to test for the apprenticeship license, granting them the ability to teach for any Maryland Driver Education school under the apprenticeship guidelines. Students will have the opportunity prepare and present a mock presentation in preparation for the test. Additional training is required to obtain a full Instructor license. This course is also open to Parents of Rookie Drivers who would like to learn more about the basic expectations of a Maryland Driver Education Instructor.

**Course Outcomes:**

1. Recognize COMAR-Code of Maryland Regulations for a Driver Education program
2. Demonstrate an understanding of Basic Maryland MVA Behind the Wheel Objectives
3. Demonstrate an understanding of Basic Maryland MVA Classroom Objectives
4. Identify three most appropriate actions for satisfactory Customer Service
5. Identify three most valuable Rookie Driver student communication skills
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<tr>
<th>Course Title</th>
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<th>Description</th>
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<tr>
<td>Driver Education-Learning Disabled</td>
<td>SFT 047</td>
<td>This course prepares rookie drivers with moderate learning disabilities to test for a Maryland driver’s license. Topics include managing space safely in an automobile; basic maneuvering tasks in an automobile; personal factors that influence operator performance; and a discussion of myriad ways to reduce collisions.</td>
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</tbody>
</table>
| Course Outcomes:                                 |             | 1. Demonstrate the ability to manage space safely in an automobile  
2. Demonstrate basic maneuvering tasks in an automobile  
3. Identify personal factors that influence operator performance  
4. Explain ways to reduce collisions |
| Learner Permit Prep Course                        | SFT 044     | This course is designed to prepare students with learning disabilities to pass the Maryland Learner Permit quiz. This class is designed by a special educator to specifically support students with mild to moderate learning disabilities.                                                                                                                     |
| Course Outcomes:                                 |             | 1. Prepare students for learner permit quiz  
2. Provide additional support for students with mild to moderate learning disabilities |
| Maryland Basic Boating Certification Course       | SFT 037     | In Maryland, the law states that anyone born on or after July 1, 1972, must possess a certificate of boating safety education in order to operate any motorized watercraft. You must attend all sessions and pass the exam in order to be issued a certification card from the Maryland Natural Resources Police and the National Association of State Boating Law Administrators (NASBLA). All persons between ages 12 and 15 must be accompanied by an adult 18 or older who is also enrolled in this course; minimum age to enroll is 12. Cost includes materials, which are provided at class. Early registrants will have their certificate prepared and available at the end of class. |
| Course Outcomes:                                 |             | Outcomes are not available.                                                                                               |
| Motorcycle Retest                                | SFT 046     | Retest for Motorcycle Safety Course                                                                                                                                                                                                                     |
| Course Outcomes:                                 |             | 1. Demonstrate required skills necessary to obtain M license endorsement |
Rookie Driver Readiness from a Developmental Perspective for Parents

SFT 060

This course will help parents and mentors of interested drivers to determine if and when the individual is ready to drive. Students in the course will be presented with information on the Readiness Indicators, explanation and examples of cognitive skills related to driving and best practices for supporting him/her with the learning to drive process.

Course Outcomes:

- Identify 10 readiness indicators for drivers
- Identify 5 cognitive skills needed to drive
- Learn how to navigate the Critical 60 tool

Teach Your Teen to Drive: The Critical 60 Method

SFT 056

This course is designed to teach parents and other adults how to teach provisional drivers to drive in the context of the legally mandated sixty-hour supervised driving period. The course seeks to reduce parent anxiety and increase parent competence. It provides a thirteen-lesson framework for teaching young drivers, teaches parents to use it, and teaches teaching techniques. In addition, the course teaches about state-of-the-art in driver education and the basics of how teachers teach and how young learners learn.

Course Outcomes:

- Coach rookie drivers more confidently
- Apply proven modeling and teaching techniques
- Explain Maryland MVA's 60 hour and rookie driver requirements
Transportation Safety

Courses include truck driver, driver education, and motorcycle safety. Visit the link below for more information on this program.

http://cms.montgomerycollege.edu/wdce/bits/transportationsafety.html

TSI Instructor Prep/Exam/Certification

TSI 001

This course prepares new instructors to teach motorcycle, driver education and CDL. Students who take this course will practice and prepare for instructor certification processes. Successful students will obtain approval from Montgomery College to teach licensure courses and become a user of authorized vehicles.

Course Outcomes:

1. Demonstrate readiness for MVA (or other certifying body) classroom and/or BTW certification examinations.
2. Appropriately and safely drive college owned/leased/borrowed vehicles.
3. Explain college's and TSI program vehicle P&P.