

**LAST REVIEW: 2009-10**  
*(i.e. 2003-2004)*

**NEXT REVIEW: 2014-2015**  
*(i.e. 2008-2009)*

**STATUS:**  
*(A, I, D)*

**COURSE TITLE: Vehicle Operations**

**COMMON COURSE NUMBER: CJK 0020**

**CREDIT HOURS:**

**CONTACT HOUR BREAKDOWN**

*(per 16 week term)*

**CLOCK HOURS: 48**  
*(Voc. Course ONLY)*

**Lecture: 24      Lab: 24**

**Clinic:              Other:**

**PREREQUISITE(S):**

**COREQUISITE(S):**

**PRE/COREQUISITE(S):**

**COURSE DESCRIPTION:**

This course is designed to help officers understand a vehicle's limits as well as their personal limits.that officers understand how the public views them as drivers. This course will help officers to develop the skills required to safely operate a motor vehicle. A demonstration of proficiency is required. Course is based on the current curriculum, as developed and approved by the Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission.

Unit Titles:

- 1. Vehicle Inspection**
- 2. Proactive Driving Skills**
- 3. Principles of Driving**
- 4. Lights and Sirens**

**EVALUATION:**

Upon successful completion of this course, the students should be able to understand the dynamics of motor vehicles and demonstrate proficiency in emergency operation.

**Common Course Number:**

**UNITS**

**Unit 1 Vehicle Inspection**

**General Outcome:**

**Pursuant to the current curriculum standards, outcomes and objectives, etc. , as established by the Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission (FDLE/CJSTC):**

**Specific Measurable Learning Outcomes:**

**Upon successful completion of this unit, the student shall be able to:**

- 1.1** VO901.1. Check the operational readiness of the exterior of the vehicle.
- 1.2** VO901.2. Check the fluid levels, hoses, wires, and belts.
- 1.3** VO901.3. Inspect the restraint devices, door locks, rear view mirror, and for equipment not properly secured.
- 1.4** VO901.4. Inspect the rear seat compartment to locate all visible damage, weapons, and contraband.
- 1.5** VO901.5. Start the vehicle to check for operational readiness.

**Common Course Number:**

**Unit 2 Proactive Driving Skills**

**General Outcome:**

**Pursuant to the current curriculum standards, outcomes and objectives, etc. , as established by the Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission (FDLE/CJSTC):**

**Specific Measurable Learning Outcomes:**

**Upon successful completion of this unit, the student shall be able to:**

- 2.1 VO909.2.A.1. Identify driving tips for preventing accidents.
- 2.2 VO909.2.A. Identify the importance of vision in identifying potential hazards
- 2.3 VO909.1.B. Describe encountered hazards.
- 2.4 VO909.2. Detect potential hazards through the use of the senses.
- 2.5 VO909.3. Describe techniques that can enhance or impede awareness.
- 2.6 VO909.3.B.2. Identify temporary factors that may impact observation.
- 2.7 VO909.3.B.1. Identify medical conditions that may impact observation.
- 2.8 VO909.1. Identify corrective action to take upon encountering a road or weather hazard.
- 2.9 VO909.4.A.1. Identify types of frequently occurring crashes.
- 2.10 VO909.4. Demonstrate crash avoidance techniques.
- 2.11 VO909.4.C.4. Identify possible reactions to take to avoid injury or further vehicle damage.
- 2.12 VO909.3.A. Describe techniques and principles to enhance awareness, including the two- and four second rules.

**Common Course Number:**

**Unit 3 Principles of Driving**

**General Outcome:**

**Pursuant to the current curriculum standards, outcomes and objectives, etc. , as established by the Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission (FDLE/CJSTC):**

**Specific Measurable Learning Outcomes:**

**Upon successful completion of this unit, the student shall be able to:**

- 3.1 VO903.8. Demonstrate how to control the vehicle path while in motion.
- 3.2 VO907.1.B. Explain the importance of braking to a safe speed prior to entering a turn or corner.
- 3.3 VO907.1.C. Identify the importance of initiating the steering input prior to entering a turn or corner.
- 3.4 VO907.1.E. Identify an increasing radius.
- 3.5 VO907.1.D. Identify a decreasing radius.
- 3.6 VO907.1.F. Identify a constant radius
- 1.7 VO907.1.A. Describe how to locate the apex.
- 1.8 VO907.1.A.1. Demonstrate the apexing techniques.
- 1.9 VO907.2.A. Identify the proper steering input that will decrease the severity of centripetal and centrifugal force.
- 1.10 VO903.7.D. Identify steering as it relates to vehicle dynamics and traction in a turn.
- 3.12 VO903.7.A.2. Identify principles of under steering.
- 3.13 VO903.7.A.1. Identify principles of over steering.
- 3.14 VO903.8.B.1. Identify principles of wheel tracking.
- 3.15 VO903.8.B. Identify how to control wheel tracking by properly steering around an object.
- 3.16 VO903.1. Identify how to make the necessary adjustments to the vehicle while seated.
- 3.17 VO903.8.C.1. Identify the caster effect.
- 3.18 VO903.3. Identify how to initiate the steering input for directing the vehicle.
- 3.19 VO905.2.A.2. Explain principles of threshold braking.
- 3.20 VO904.3.B. Describe how to avoid applying brakes to maintain rolling friction.
- 3.21 VO905.2.A.3. Describe an incipient skid.
- 3.22 VO905.2.A.1. Identify type of brake system on the vehicle.
- 3.23 VO905.2.A. Demonstrate how to maintain pressure on the brake pedal according to the type of vehicle braking system, using threshold braking if necessary to avoid wheel lockup.
- 3.24 VO904.3.A.1. Identify incipient spin and its effect on vehicle traction.
- 3.25 VO904.3. Demonstrate how to decrease the rate of acceleration to control for loss of traction.
- 3.26 VO904.3.B.1. Describe rolling friction and its effect on vehicle traction.
- 3.27 VO906.1. Identify the importance of not accelerating.
- 3.28 VO906.1.B. Identify the importance of not braking.
- 3.29 VO906.2.A. Define *counter steering*.
- 3.30 VO906.2. Identify the importance of counter steering to avoid a secondary slide.

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- 3.31** VO907.1. Position the vehicle for entry into a turn or corner.
- 3.32** VO907.2. Maintain control of the vehicle through the turn.
- 3.33** VO903.7. Demonstrate how to control the amount of steering input.
- 3.34** VO908.1. Identify how to demonstrate the pivot position by turning the upper body to the right, placing the right arm on the top portion of the passenger seat, and looking through the rear window to navigate.
- 3.35** VO908.2. Identify how to steer in reverse with your left hand while slowly accelerating and maintaining control of the steering wheel.

Common Course Number:

#### Unit 4 Lights and Sirens

##### General Outcome:

Pursuant to the current curriculum standards, outcomes and objectives, etc. , as established by the Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission (FDLE/CJSTC):

##### Specific Measurable Learning Outcomes:

Upon successful completion of this unit, the student shall be able to:

- 4.1 VO910.1.A.3. Identify Florida Statutes that govern vehicles operating in emergency mode.
- 4.2 VO910.1.A. Identify guidelines for operating in emergency mode.
- 4.3 VO910.6.A. Identify types of sensory influences the driver may experience.
- 4.4 VO910.6.B. Identify techniques that may improve vision at night.
- 4.5 VO910.5.A. Identify possible psychological effects on the driver in emergency mode.
- 4.6 VO910.5.B. Identify possible physiological effects on the driver in emergency mode.
- 4.7 VO910.4. Identify safe emergency driving techniques.
- 4.8 VO910.1. Identify how to make a decision to operate in emergency mode.
- 4.9 VO910.1.B. Define *pursuit*.
- 4.10 VO910.1.A.2. Explain case law regarding operating a vehicle in emergency mode.
- 4.11 VO910.2. Notify communications and supervisor when a pursuit is initiated.
- 4.12 VO910.3. Activate the emergency equipment.
- 4.13 VO910.7. Identify when to coordinate with other responding units and with dispatch via radio.
- 4.14 VO910.9. Identify the conclusions to a pursuit.
- 4.15 LE278.9.A. Choose the appropriate report form for the pursuit report.