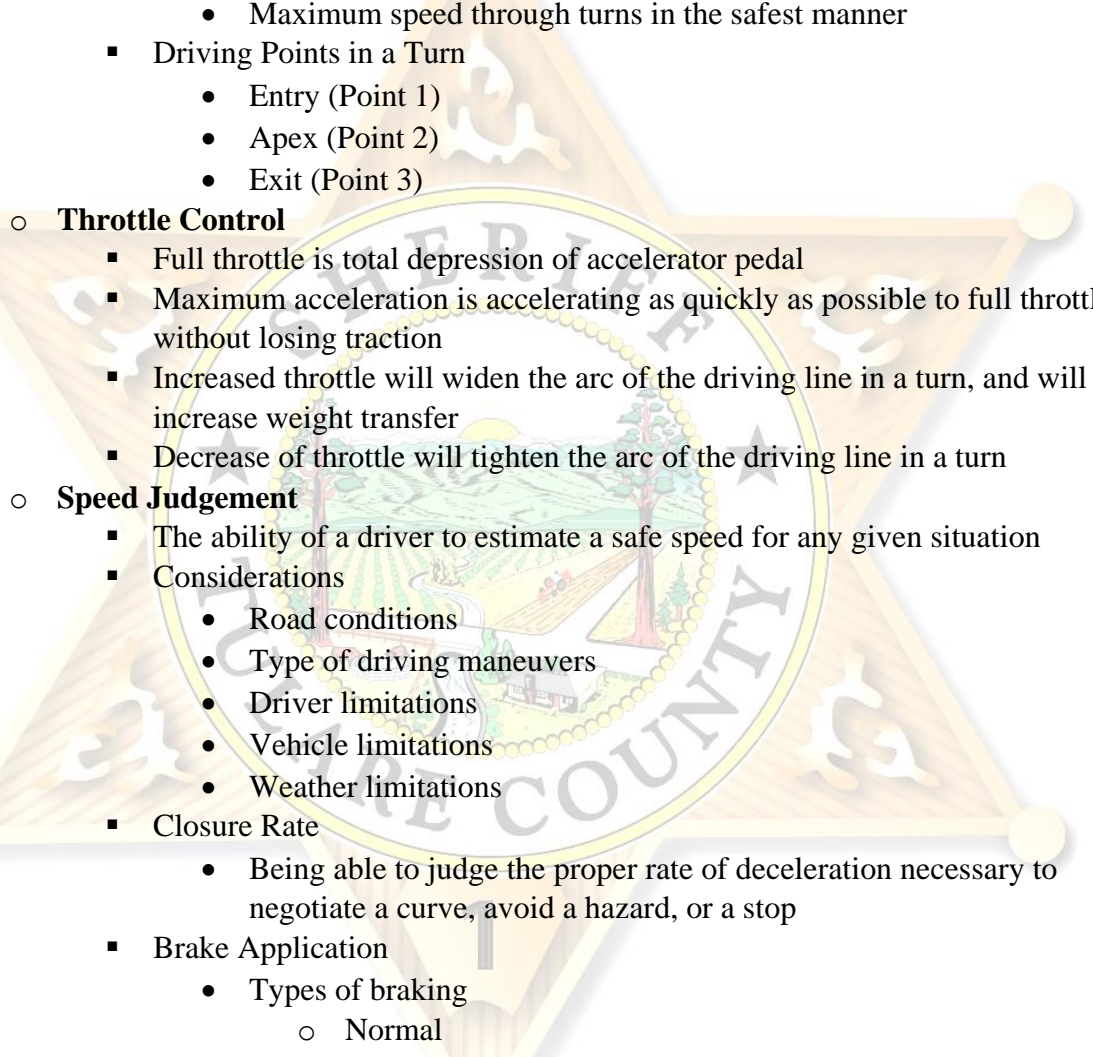


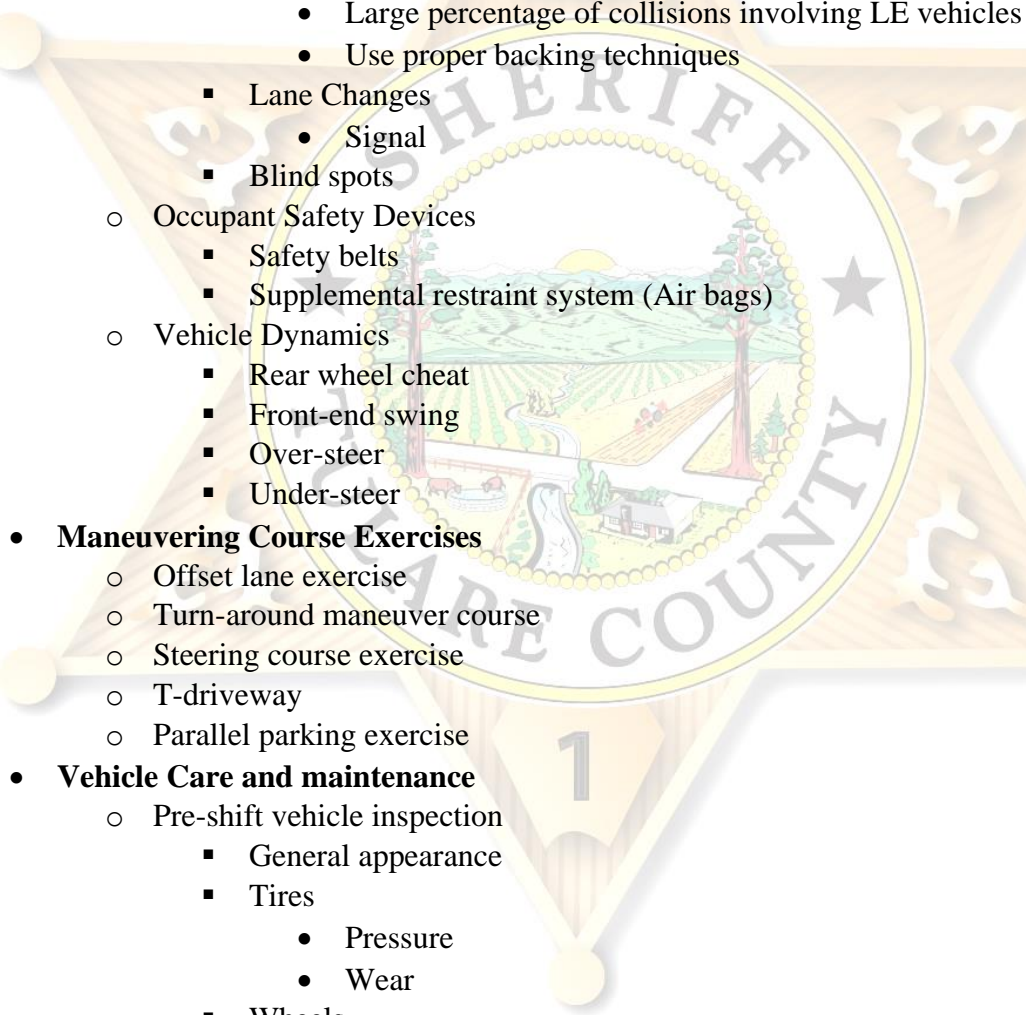
Drivers Awareness Training Outline

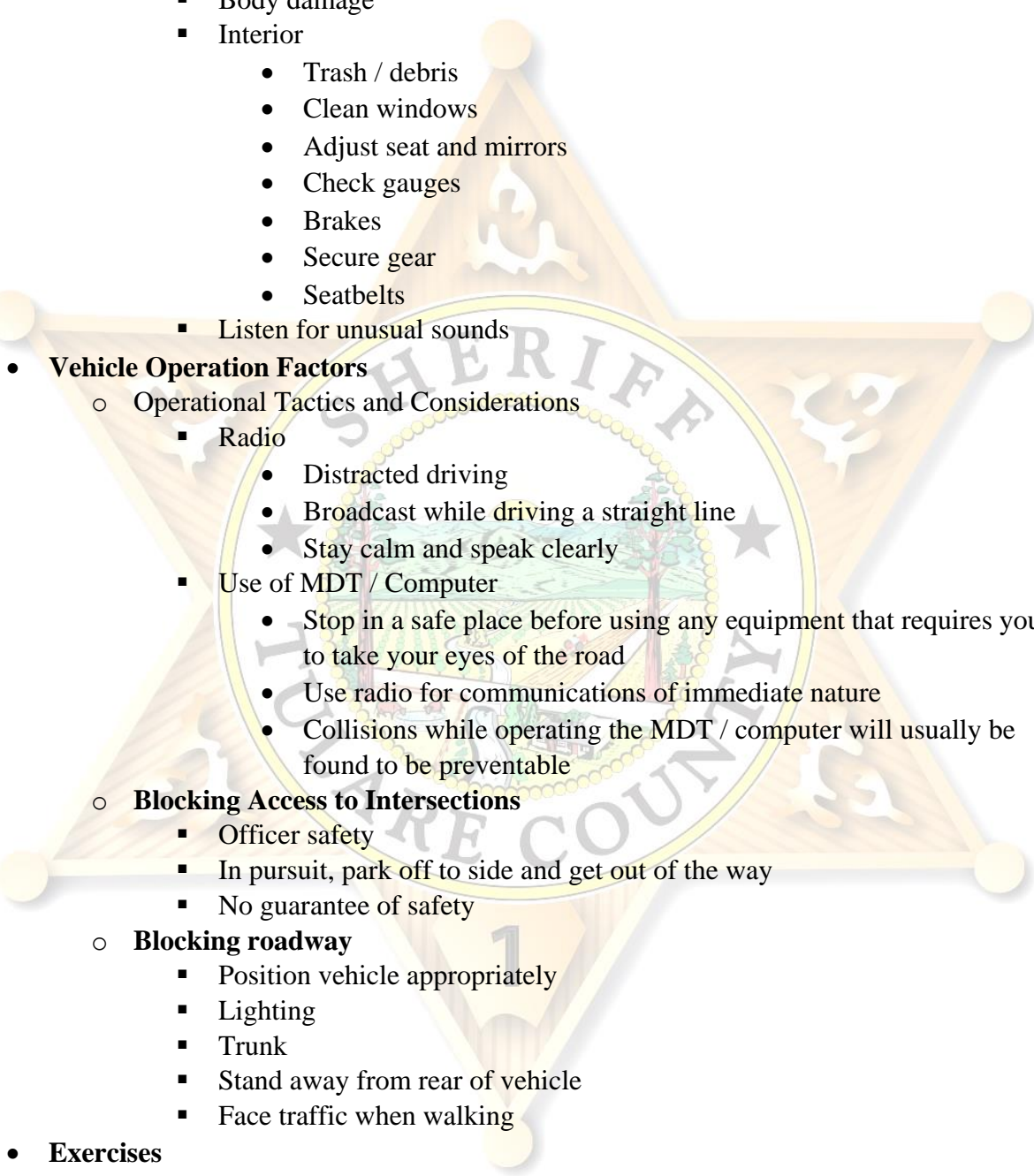
Tulare County Sheriff's Office

- **Introductions / Overview of Course**
- **Basic Driving Principles**
 - **Weight Transfer**
 - Weight distributed between front and rear wheels
 - Engine location has greater part of weight distribution
 - Types of weight transfer
 - Lateral: side to side
 - Longitudinal: front to rear / rear to front
 - Lateral transfer created when vehicle turned left / right
 - Longitudinal transfer created when
 - Braking – rear / front
 - Accelerating – front / rear
 - Decelerating – rear / front
 - Can't be eliminated in a moving vehicle
 - Minimized by good driving techniques and smooth operation
 - **Steering Control**
 - Seating position
 - Driver comfort
 - Efficient vehicle control
 - Wrist break over top steering wheel
 - Seated 12" from air bag
 - Adjust mirrors
 - Steering Method – Two Hand Shuffle Steering
 - Hand position at 9 and 3 or 8 and 4
 - Hands do not leave steering wheel
 - Maximizes steering wheel
 - Safer and more effective recovery
 - Minimizes weight transfer
 - Minimizes air bag deployment injury
 - Steering Method – Backing
 - Body rotated to right
 - Right hand placed on right headrest
 - Vision directed over right shoulder
 - Left hand on steering wheel at twelve o'clock position
 - Press left leg against bottom of steering wheel for stability
 - Left foot braced on floor board
 - **Roadway Position**

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- Definition: The position of the vehicle on the roadway that maximizes speed with minimum steering and risk of loss of vehicle control while negotiating a turn
 - AKA – Driving Line
 - Driving Advantages
 - Minimize and control weight transfer
 - Minimize steering input
 - Smoother vehicle operation
 - Maximum speed through turns in the safest manner
 - Driving Points in a Turn
 - Entry (Point 1)
 - Apex (Point 2)
 - Exit (Point 3)
 - **Throttle Control**
 - Full throttle is total depression of accelerator pedal
 - Maximum acceleration is accelerating as quickly as possible to full throttle without losing traction
 - Increased throttle will widen the arc of the driving line in a turn, and will increase weight transfer
 - Decrease of throttle will tighten the arc of the driving line in a turn
 - **Speed Judgement**
 - The ability of a driver to estimate a safe speed for any given situation
 - Considerations
 - Road conditions
 - Type of driving maneuvers
 - Driver limitations
 - Vehicle limitations
 - Weather limitations
 - Closure Rate
 - Being able to judge the proper rate of deceleration necessary to negotiate a curve, avoid a hazard, or a stop
 - Brake Application
 - Types of braking
 - Normal
 - Panic
 - ABS
 - Threshold
 - 0-10 scale
 - More cooling time
 - Allows speed for longer distance before brake application
 - Steering always available

- **Legal and Moral Aspects**
 - **California Codes**
 - 17001 CVC
 - 17004 CVC
 - 17004.7 CVC
 - 21052 CVC
 - 21055 CVC
 - 21056 CVC
 - 21057 CVC
 - 21806 CVC
 - 21807 CVC
 - 22350 CVC
 - **Case Law**
 - Brummett v. County of Sacramento
 - Stark v. City of Los Angeles
 - **Agency Policy**
 - Code 3 Policy – TCSO General Order 95-17
 - Justification for Code 3
 - Notification and Authorization
 - Definition and Considerations
 - Emergency Vehicle Operations during pursuit
 - **Moral Aspects**
 - Initiating or Terminating a Pursuit
 - Factors to consider
 - Initiating the pursuit
 - Terminating the pursuit
 - Suspects known?
 - Misdemeanor or felony?
 - Risk to the public – risk of pursuit, risk of suspect
 - Highly populated areas v. rural areas
 - Supporting units, radio procedures
- **Defensive Driving**
 - **Defensive Drivers**
 - Avoid collisions regardless of right-of-way
 - React properly to hazards
 - Maintain a professional attitude
 - **Dangerous Driver Attitudes**
 - Overconfidence
 - Self-Righteousness
 - Impatience
 - Preoccupation
 - **Collision Avoidance**

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- A large, faint, yellow star-shaped seal of a Sheriff's Office is centered in the background. The seal features a circular emblem in the center depicting a landscape with a river, trees, and a house. The words "SHERIFF" and "COUNTY" are visible around the emblem, and a large number "1" is at the bottom point of the star.
- Space cushion
 - Three second rule
 - Perception / reaction time
 - When stopped, see rear wheels
 - Intersections
 - Clear left, right, then left again
 - Cover brake on stale green
 - Don't turn wheels until ready for turn
 - Look through turns
 - Maintain high visual horizon
 - Consider steering to the rear of a conflict vehicle
 - Backing
 - Large percentage of collisions involving LE vehicles
 - Use proper backing techniques
 - Lane Changes
 - Signal
 - Blind spots
 - Occupant Safety Devices
 - Safety belts
 - Supplemental restraint system (Air bags)
 - Vehicle Dynamics
 - Rear wheel cheat
 - Front-end swing
 - Over-steer
 - Under-steer
 - **Maneuvering Course Exercises**
 - Offset lane exercise
 - Turn-around maneuver course
 - Steering course exercise
 - T-driveway
 - Parallel parking exercise
 - **Vehicle Care and maintenance**
 - Pre-shift vehicle inspection
 - General appearance
 - Tires
 - Pressure
 - Wear
 - Wheels
 - Lights
 - Trunk
 - Spare tire
 - Fire extinguisher

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- Jack / lug wrench
 - Flares
 - First aid kit
 - Blanket
 - Body damage
 - Interior
 - Trash / debris
 - Clean windows
 - Adjust seat and mirrors
 - Check gauges
 - Brakes
 - Secure gear
 - Seatbelts
 - Listen for unusual sounds
 - **Vehicle Operation Factors**
 - Operational Tactics and Considerations
 - Radio
 - Distracted driving
 - Broadcast while driving a straight line
 - Stay calm and speak clearly
 - Use of MDT / Computer
 - Stop in a safe place before using any equipment that requires you to take your eyes off the road
 - Use radio for communications of immediate nature
 - Collisions while operating the MDT / computer will usually be found to be preventable
 - **Blocking Access to Intersections**
 - Officer safety
 - In pursuit, park off to side and get out of the way
 - No guarantee of safety
 - **Blocking roadway**
 - Position vehicle appropriately
 - Lighting
 - Trunk
 - Stand away from rear of vehicle
 - Face traffic when walking
 - **Exercises**
 - Collision Avoidance Exercise
 - Skid Car Exercise
 - Code 3 / Pursuit Driving
 - Intervention Techniques / Risk Assessment