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## Chapter 10 - Advanced Automotive Technology Test Questions and Answers

Anti-lock brakes - - Answer-designed to allow steering and simultaneous braking without losing vehicle balance - shorten stopping distances on wet surfaces where traction loss can be a serious problem; do not shorten stopping distance on dry pavement

What is traction control designed to do? - Answer-activate brake sensors which don't allow wheels to spin - reverse of anti-lock brakes

What does suspension control do? - Answer-adjusts vehicle balance at struts or shock absorbers through adjustment of fluid or air pressure when too much weight is suddenly transferred to a given shock or strut

Electronic Stability Program (ESP) - Answer-compares where a driver is steering the vehicle with where the vehicle is actually going; when it senses a difference between the two, it selectively applies any one of the car's brakes to reduce the discrepancy and help the driver retain control and stability

When does the Electronic Stability Program (ESP) activate? - Answer-Activates when the vehicle is not going in the directions it is being steered

# Chapter Questions And Answers For Automotive Technology

**Clifford Lane**



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between springs on an air track is an example of a horizontal mass spring system

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