

AUT 208 : AUTOMOTIVE BRAKES

Transcript title

Automotive Brakes

Credits

3

Grade mode

Standard letter grades

Contact hours total

72

Lecture hours

12

Lab hours

60

Prerequisites

AUT 101 (<https://catalog.cocc.edu/about-catalog/archive/2019-2020/search/?P=AUT%20101/>), AUT 106 (<https://catalog.cocc.edu/about-catalog/archive/2019-2020/search/?P=AUT%20106/>), AUT 107 (<https://catalog.cocc.edu/about-catalog/archive/2019-2020/search/?P=AUT%20107/>), AUT 110 (<https://catalog.cocc.edu/about-catalog/archive/2019-2020/search/?P=AUT%20110/>) and AUT 115 (<https://catalog.cocc.edu/about-catalog/archive/2019-2020/search/?P=AUT%20115/>).

Recommended preparation

MTH 020 (<https://catalog.cocc.edu/about-catalog/archive/2019-2020/search/?P=MTH%20020/>) or higher or minimum placement into MTH 060 (<https://catalog.cocc.edu/about-catalog/archive/2019-2020/search/?P=MTH%20060/>).

Description

Studies the theory, operation, diagnosis and repair of the modern braking systems of both domestic and import vehicles. Includes an introduction to anti-lock brake systems.

Learning outcomes

1. Describe hydraulic and mechanical principals of disc and drum brake systems.
2. Describe the functions of the brake system components, including anti-lock systems.
3. Service , diagnose and repair automotive brake systems.
4. Communicate technical information verbally and in writing.
5. Describe and practice safety procedures while working in an automotive shop environment.