

DIFFERENTIAL & DRIVE AXLE COURSE OUTLINE

Auto 776/830

<u>Instructor:</u>	Thomas G. Broxholm
<u>Duration:</u>	48 Hours (12 Classes)
<u>Minimum Attendance:</u>	42 Hours (10 Classes)
<u>Book:</u>	Manual Drive Trains & Axles (Fifth Edition)
<u>Prerequisites:</u>	Basic automotive and hands on experience
<u>Description:</u>	This course is designed to give the student a good understanding of automotive differential and drive axle operation, diagnosis, repair and overhaul.
Student Evaluation:	Student evaluation is done on a point system with category weights. The student must achieve a final score of 70% or better to pass this class and receive a certificate. Homework is worth: 29% Lab is worth: 29% Final exam is worth: 29% Quizzes are worth: 08% Attendance is worth: 05%
Homework:	Homework is due by the end of the class meeting on the date specified in the homework handout. Late homework will not be excepted except when extenuating circumstances are involved. This is subject to the instructors discretion.
Lab Grade:	The lab grade is based on lab participation and instructor observation during lab. Any student who is absent during a class meeting where lab takes place will lose a portion of his/her lab score.

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Time: 6:00 pm to 10:00 pm

Phone Numbers: My Office (650) 738-4131
Emergency (650) 738-4126 (Tool Room)

Web & Email Email: broxholm@smccd.net
Website: www.smccd.net/accounts/broxholm

SUPPLIES:

1. 1" 3 Ring binder
2. 6 Scantron answer sheets and a number 2 pencil.
3. Note taking paper and a writing instrument.
4. Text book: Manual Drive Trains & Axles (Fifth Edition)
5. Small hand tools & Safety glasses