

## **Manual Drive Train and Axles, CRN 34639**

RJ Ehlers

Email: ehlersr@linnbenton.edu Phone. 541-917-4582

Office Hours: M-F 7:30am to 8:00am

### Class Schedule:

Lecture: Monday through Thursday 8:00-9:15am

Lab: Monday through Thursday 9:30–12:30, Classroom ATTC – A - 115

### Course Description:

This course will consist of theory of operation and repair of Manual transmissions, Rear Ends Transfer Cases, AWD systems, Clutch Systems, Manual Transaxles

TEXTBOOK: Manual Drivetrains and Axles 8th Edition by James D. Halderman

Weekly reading chapters see moodle

Grading 20% final, 10% first test, 10% second test, 15% Lecture/Attendance, 15% homework / chapter quizzes, 20% final, 30% lab work. 100-90 A, 89-80 B, 79-70 C, 69-60 D, 59 and below F.

All lab and homework assigned Monday-Thursday must be turned in by the end of class Thursday to be graded. Labs completed outside of class will be considered late. I.E. during Friday service and repair. Lab grading includes hands on skill and time management, completion of work in class.

### Grading Weights

30% Lab

15% Attendance (Professional Work habits)

15% Home Work / Quizzes

20% Tests

20% Final

### Letter Grades:

90-100= A, 80-89 = B, 70-79 = C, 60-69 = D, 59 & below = F, An “Incomplete” grade can be issued by the instructor for a student missing more than 30% of the work assignments. “Y” grade may be issued for a student missing more than 50% of class work. Both and “INC” and a “Y” grade are up to the discretion of the instructor teaching the course.

### College Policies Disability services and emergency planning:

Students who may need accommodations due to documented disabilities, which have medical information which the instructor should know, or who need special arrangements in an emergency should speak with their instructor during the first week of class. If you believe you may need accommodations but are not yet registered with the Center for Accessibility Resources (CFAR), please visit the CFAR Website for steps on how to apply for services or call 541-917-4789. LBCC Comprehensive Statement of Nondiscrimination LBCC prohibits unlawful discrimination based on race, color, religion, ethnicity, use of native language, national origin, sex, sexual orientation, gender, gender identity, marital status, disability, veteran status, age, or any other status protected under applicable federal, state, or local laws. For further information see Board Policy P1015 in our Board Policies and Administrative Rules. Title II, IX, & Section 504:

Scott Rolen, CC-108, 541-917-4425; Lynne Cox, T-107B, 541-917-4806, LBCC, Albany, Oregon. To report: [linnbentonadvocate.symplicity.com/public](http://linnbentonadvocate.symplicity.com/public) report. Know your rights and responsibilities LBCC students have rights: the right to free speech, the right to assemble, the right of a free press, etc. LBCC students also have responsibilities to their community: the responsibility to participate and engage in class, the responsibility to advocate for their needs (ask for help), the responsibility to support a respectful teaching and learning environment, the responsibility to treat all persons with respect, the responsibility to be truthful and honest in all work and communications, and the responsibility to follow staff directions, local, state, and federal laws. Rights and responsibilities balance together to create the best learning environment. For example, while you have free speech in the café or courtyard, in class the instructor decides whose turn it is to talk and what the topics for conversation will be. Students are free to believe what they believe, but instructors may require students to learn and recite concepts, principles, or theories for a class even if the student does not believe those concepts. You play a role in creating a positive community at LBCC. Please review your rights and responsibilities(<http://linnbenton.edu/go/studentrights>). If you believe a student is violating your rights, ask to be treated with respect. If that does not cure the situation, report to Associate Dean Dr. Lynne Cox, Takena Hall Rm. 107. If you believe a faculty member or LBCC employee is violating your rights, please report to Human Resources, Scott Rolen, Calapooia Center Rm. 108.