**MT3.836 Industrial Hydraulics**

Linn-Benton Community College – Spring 2020

3 Credit Hours, Tuesday 10:00 – 1:50pm, virtual IA-114

**Instructor: Douglas Meyer**  **OFFICE HOURS:**

Office: IA-119A2TBA or by email

Email:   MeyerD@linnbenton.edu ONLINE

## **REQUIRED TEXTS AND TOOLS for the OnLine Spring 2020**

1. **Industrial Mechanics 4th Ed. Industrial Mech. workbook**
2. **Internet access**
3. **Zoom app**
4. **Access to your LBCC Email.**
5. **Access to your Moodle account**
6. **Access to the shared Google drive**

**COURSE DESCRIPTION:**

Learn to analyze fundamental hydraulic schematics, how to troubleshoot common hydraulic problems, and how to maintain and repair hydraulic systems and how to promote energy efficiency in a variety of production applications. You will construct and troubleshoot common hydraulic circuits. This will be done virtually

**COURSE OUTCOMES:**

Upon successful completion of this course, students will be able to:

1. Analyze fundamental hydraulic schematics
2. Troubleshoot and repair common hydraulic problems
3. Maintain hydraulic systems
4. Promote energy efficiency
5. Understand appropriate safety procedures and correct PPE

## **GRADING**

Final Grade Calculation:

|  |  |  |
| --- | --- | --- |
| **Letter Grade** | **Percentage** | **Performance** |
| A | 90-100% | Excellent Work |
| B | 80-89% | Good Work |
| C | 70-79% | Average Work |
| D | 60-69% | Poor Work |
| F | 0-59% | Failing Work |

**LBCC EMAIL AND COURSE COMMUNICATIONS**

You are responsible for all communications sent to your LBCC email account. You are required to use your LBCC-provided email account for all email communications at the College. You may access your LBCC student email account through [Student Email](http://linnbenton.edu/lbcc-email).

**DISABILITY AND ACCESS STATEMENT**

Students who may need accommodations due to documented disabilities, who 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.

**STATEMENT OF INCLUSION**

To promote academic excellence and learning environments that encourage multiple perspectives and the free exchange of ideas, all courses at LBCC will provide students the opportunity to interact with values, opinions, and/or beliefs different than their own in safe, positive and nurturing learning environments. LBCC is committed to producing culturally literate individuals capable of interacting, collaborating and problem-solving in an ever-changing community and diverse workforce.

**TITLE IX REPORTING POLICY**

If you or another student are the victim of any form of sexual misconduct (including dating/domestic violence, stalking, sexual harassment), or any form of gender discrimination, LBCC can assist you. You can report a violation of our sexual misconduct policy directly to our Title IX Coordinator. You may also report the issue to a faculty member, who is required to notify the Coordinator, or you may make an appointment to speak confidentially to our Advising and Career Center by calling 541-917-4780.

**PUBLIC SAFETY/CAMPUS SECURITY/EMERGENCY RESOURCES**

In an emergency, call 911. Also, call LBCC Campus Security/Public Safety at 541-926-6855 and 541-917-4440.

From any LBCC phone, you may alternatively dial extension 411 or 4440. LBCC has a public safety app available for free. We encourage people to download it to their cell phones. Public Safety also is the home for LBCC's Lost & Found. They provide escorts for safety when needed. Visit them to learn more.

**CHANGES TO THE SYLLABUS**

I reserve the right to change the contents of this syllabus due to unforeseen circumstances. You will be given notice of relevant changes in class or through LBCC e-mail.

**ACADEMIC HONESTY**
Students are expected to follow [LBCC policies](http://www.linnbenton.edu/current-students/administration-information/policies/students-rights-responsibilities-and-conduct) regarding academic integrity as articulated in the Students’ Rights Responsibilities and Conduct Policy. Students found to be involved in academic dishonesty will receive an F (failing grade) in this course.

## **PERSONAL CONDUCT**

Safety is our primary concern. Follow all safety regulations and wear proper PPE. Failure to do so can result in your removal from the shop area. No horseplay or disruptive activities will be tolerated. Cell phone use is not allowed in the shop area or near the hydraulic trainers.

Under the Influence: Due to the inherent danger of the shop areas, any student suspected of being under the influence of intoxicants will be asked to leave the shop area.

**CLASS SCHEDULE:** To be successful in this course, you need to be safe, demonstrate a self-starting attitude, and respect the rights of others to learn.