**Safe Rigging Practices**

APR 251-02 CRN 26727

Instructor: Matt Chiasson

Fall 2020

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**Class Times and Important Dates**

Thursday 6:00 pm – 8:50 pm

Zoom:

 **Lecture**:

 <https://linnbenton.zoom.us/j/95193063472>

 Meeting ID: 951 9306 3472

 Passcode: 630154

 **Study Group**:

 <https://linnbenton.zoom.us/j/99168342425>

 Meeting ID: 991 6834 2425

 Passcode: 521387

**Note:** We will not have class the week of 11/26 due to Thanksgiving. Unless we need to makeup a class due to technical difficulties. Then there could be a class on 11/24.

Midterm will be the first ½ of class. Final based on the entire class. All work is open book, notes, internet, apps, etc.

Midterm due, Thursday 10/29/2020: Final due, Tuesday 12/08/2020

**Class Structure:**

This class will be taught through Zoom and Moodle. It is very important that you ask questions early and often. It is also important that you check your emails often. I will respond to questions posted on the discussion board within 24 hours of the question being posted.

**Fundamental Rules:**

1. You are responsible for knowing the contents of the syllabus and all the information

about the course provided on Moodle.

1. You are responsible for knowing the contents of instructor announcements made on

Moodle, which means that you should make sure you receive such announcements and that you check for new ones at least once a day.

**Course Description**

The focus of this class will be on Rigging. This will include rigging identification, inspection, planning, load calculations, center of gravity, hitches, and safe rigging practices. Later in the class we will discuss crane operation and crane inspection

**Study Sessions**

At the start of class I will hold study sessions on Tuesday’s from 6pm-7pm and on Saturdays from 9AM-10AM. More sessions may be added, or the times may change to ensure that there are sessions during times when people are not working.

These sessions are there to help with assignments and to help with using the technology needed in this class.

**Textbook and materials**

* *Bob’s Overhead Crane & Rigging Handbook*, Third Edition
* Crosby Users guide for lifting, Card deck
* Calculator - any type of calculator will do.

**Note:** Since all work is open book, notes, internet, and apps. All information we discuss, including information from YouTube videos, website links are open to be used for quiz or exam questions.

**Attendance**

Attendance is mandatory. If you miss more than two classes I will report this to the Apprenticeship Offices. It is important that you attend the classes.

**Grading Policy and Procedures**

Your grade will be based on a combination of Labs, Exams, Homework and Attendance.

* Attendance: This is 10% of your grade. The lectures are a critical part of this class.
* Homework: There will be homework assignments. Some will be extra credit.
* Quizzes: There will be a quiz at every week.
* Discussions: This will be done through the Discussion board also known as a Forum.
* Midterm: The midterm will focus on the things learned in the first half of the class.
* Final: The final will focus on the things we learned throughout the entire class. (It is cumulative)

**Grading** **Percentage Breakdown Grade**

Attendance 10% 100% - 90% A

Homework 10% 89% - 80% B

Quizzes 10% 79% - 70% C

Discussions 30% 69% - 60% D

Midterm 20%

Final Exam 20%

Total 100%

**Being Mentally Prepared**

You should expect to spend 10-15 hours/week on this class. However, that is only an estimate. Some people will find the material more challenging than others. Those people may require more time.

Taking online courses tends to feel more isolated than taking on-campus courses. Even though there are still all the normal course elements - lectures, readings, homework, a teacher whom you can ask questions, etc. - sometimes students in an online course will feel like they are "teaching themselves" because interactivity in such a course is less forced and less immediate. I can't see or hear you, as well as a traditional class, so I can't judge whether you're having trouble by your tone or expression. I am always happy to help, but you must take the initiative and let me know when you run into problems.

**Getting Help**

When you have a question about something, the order of steps you should take to pursue answers is roughly the following:

1. Review the relevant materials (assignment description, readings, lectures).
2. Search the class discussion board on Moodle to see if your question has been answered already.
3. Post to the class discussion board on Moodle (by doing #1 and #2 first, you might save

yourself asking a question, and you might also then be better able to help others). When

you post a question on Moodle and it is answered there, that benefits other people who have the same question.

1. If you have tried #1-3 and feel like your question has not been fully addressed, please email me. Or attend one of the study sessions.
2. For questions relating to course policies or administration, email your me directly.

**Academic Integrity DOs and DON’Ts**

* Do feel free to discuss course content with each other, even including general discussion of homework assignments.
* Do feel free to post small snippets of your assignment. If you have trouble narrowing the problem down to a small snippet, just describe the problem as well as you can and/or ask for help.
* Do feel free to ask conceptual questions related to assignments.
* **Don’t** post any quiz or exam questions or answers in any form.
* **Don’t** make your assignments, quizzes, exams publicly accessible. For example, by posting it on Reddit, Facebook, etc.
* Do feel free to share and compare your assignment with other students on Moodle after the assignment was due. Keep in mind that there is not just one correct way solve a problem - there's almost always a variety of correct approaches. As you compare with others', try to notice what seem to be advantages or disadvantages of a particular approach, and don't be afraid to ask questions about why someone made a certain decision.
* **Don’t** copy someone else’s work, in whole or in part, whether someone else in the course, a previous student in the course. It’s easy for me to detect plagiarism, it will impact your grade for the course, and it goes on your academic record.

**You should meet with your instructor during the first week of class if:**

* You have a documented disability and need accommodations.
* Your instructor needs to know medical information about you.
* You need special arrangements in the event of an emergency.

If you have documented your disability, remember that you must make your request for accommodations through the Center for Accessibility Resources (CFAR) Online Services webpage every term in order to receive accommodations. If you believe you may need accommodations but are not yet registered with CFAR, please visit the CFAR Website for steps on how to apply for services or call (541) 917-4789.