



ONLINE COURSE INFORMATION

Summer 2019 Semester

COURSE: METC 210 L1

INSTRUCTOR: M. Dubois

Computer Applications in Machine Design

EMAIL: mdubois@monroeccc.edu

There are many benefits of online courses at MCCC:

- Less restrictive scheduling
- Convenience
- Intensive self-study
- Course materials are accessible 24 hours a day 7 days a week

Some students struggle in an online format while other students excel. Students who excel in an online format are:

- Highly self-motivated
- Have strong computer skills
- Possess good time management skills
- Know how to study independently
- Possess good communication skills

Online classes at MCCC are **NOT self-paced**. Instruction is delivered in an entirely web-based format. Students must complete exams, assignments, etc. by specified due dates. Some exams and assignments may be required to be completed at an authorized location as established by the instructor.

When taking an online class students are responsible for:

- A reliable computer with Internet access and Microsoft Word; course specific software will be described below
- Knowing how to email attachments
- Maintaining his or her own computer and Internet connection; technical issues are NOT acceptable excuses for not keeping up with due dates
- Having access to a printer if needed for personal use of online materials

It is the student's responsibility to log into Brightspace multiple times each week to keep up with communication, assignments and other coursework.

Brightspace

Online courses use Brightspace course management system as the means of communication between the students and the instructor.

It is the student's responsibility to be able to log into Brightspace and maintain his or her computer setup to work properly with Brightspace.

The Brightspace Login can be found on the College's webpage, www.monroeccc.edu.

Brightspace courses are made available to students on the day the course begins.

Please see the Start Date below.

MCCC Student Email

It is essential that online students use their MCCC student email account. This will be the primary means of email communication between you and your instructor. For more information about activating your MCCC student email account, visit the college's webpage at www.monroeccc.edu.

NEED HELP?

BRIGHTSPACE HELP DESK: 734.384.4328
or elarning@monroeccc.edu

COLLEGE EMAIL: 734-384-4328

WEBPAL: 734-384-4333

<p>COURSE DESCRIPTION</p>	<p>This course covers the application of the principles of engineering mechanics (stress/strain, impact, dynamic loading and fatigue) through computer analysis to the design and/or selection of machining elements. Components discussed include fasteners, springs, bearings, belt and chain drives, brakes and clutches, power screws and gears. Students are exposed to use of CAD to model designs, FEA stress verification and a variety of math tools to reproduce equations from industry handbooks and component supplier guides.</p> <p>The complete Outline of Instruction can be found at http://www.monroeccc.edu/outlines/.</p>
<p>COURSE BEGINS</p>	<p>Monday, May 20, 2019</p>
<p>COURSE ENDS</p>	<p>Saturday, August 10, 2019</p>
<p>REGISTRATION PROCESS</p>	<p>Students must register for the course through the College's regular registration process.</p> <p>If you are a first-time online student at MCCC you must complete an online orientation course (ONL-001). You will be automatically enrolled into the online orientation course, which will provide you with critical information on the technical, study, reading and writing skills necessary to be a successful online student. This course will be listed in your MyCourses module in Brightspace and there will be 4 modules to complete. Please note that all four modules will NOT be visible when you first login, but will become visible once you complete the requirements for each module. Please complete SU2019-ONL-001-L1 by May 16, 2019. Failure to complete the online orientation by the above date may result in <u>de-registration from your Summer 2019 online course</u>.</p>
<p>PROCTORED EXAMS OR ASSIGNMENTS</p>	<p>None, all coursework is completed online.</p>
<p>ADDITIONAL INFORMATION: PROCTORED EXAMS OR ASSIGNMENTS</p>	<p>Some online classes require students to take exams at authorized, proctored locations. Test proctoring centers are authorized testing locations where a staff person administers a test or assignment. If students are not able to arrange transportation to MCCC's main campus for testing, a proctored test site must be arranged. Students near the MCCC campus can take the test in the Regional Computer Technology Center (RCTC). Additional information on the RCTC can be found at http://www.monroeccc.edu/rctc/index.htm. It is the student's responsibility to make arrangements for proctoring with his or her instructor. Students should also be aware that some testing sites have service fees, which are the responsibility of the student.</p>

COURSE MATERIALS AND TEXTBOOK INFORMATION

Textbook information can be found on the MCCC Bookstore’s webpage, <http://www.monroecc.edu/bookstore/>. Textbook information is posted approximately one month prior to the beginning of the semester.
IMPORTANT: Make sure when identifying which course you are enrolled in, you get the materials for the ONLINE version of the course. Online course materials are not necessarily the same materials for the face-to-face class.

Please contact the MCCC Bookstore for additional information, 734.384.4140.

COURSE EXPECTATIONS

BRIGHTSPACE SYSTEM REQUIREMENTS

Browser Requirements:

Desktop Support

Browser	Supported Browser Version(s)	Maintenance Browser Version(s)
Microsoft® Edge	Latest	N/A
Mozilla® Firefox®	Latest, ESR	N/A
Google® Chrome™	Latest	N/A
Apple® Safari®	Latest	N/A

For the most current Brightspace operating system and browser requirements, please go to https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm?Highlight=browser and access the Desktop support section.

Software Requirements

- Microsoft Word 2016 is recommended
- Microsoft Office 2016 Suite is recommended
- Adobe Reader (latest version)
- Solidworks 2019. (students taking this course can download the student licensed version)

Other System Requirements

- High speed or broadband internet connection recommended
- Printer, video and sound cards
- CD-ROM drive

COURSE SPECIFIC SOFTWARE

- Solidworks 2019. (students taking this course can download the student licensed version)

WHERE DO STUDENTS START	Open Brightspace and select the METC 210 link. Read the syllabus and begin accessing the learning modules.
OTHER INFORMATION	
[DATE]	