BLENDED COURSE INFORMATION
Fall 2021 Semester

COURSE: **MECH 131 B1**

Intro Automated Manufacturing

INSTRUCTOR: **M. Dubois**

EMAIL: **mdubois@monroeccc.edu**

There are many benefits of **Blended** courses at MCCC:

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

Since **Blended** courses require work on the computer using Brightspace, as well as classroom work, students should possess the following skills to be successful:

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

Blended classes at MCCC deliver instruction in a web-based format, along with periodic face-to-face classes as established by the instructor.

When taking a **Blended** 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 on a regular basis. It is essential to log into Brightspace regularly to keep up with communication and assignments.

Brightspace

Blended courses use Brightspace course management system as the means of communication between the students and the instructor, along with periodic face-to-face class meetings as established by 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

All students are required to use their MCCC sponsored student email address. Information on the MCCC student email can be found on the Student Support tab on the Brightspace site.

NEED HELP?

BRIGHTSPACE HELP DESK: 734.384.4328 or elearning@monroeccc.edu

COLLEGE EMAIL: 734-384-4328

WEBPAL: 734-384-4333

COURSE DESCRIPTION	This is a survey course for the world of automation. Included will be automation safety, justification, design and classification, applications, end-of-arm tooling, power sources, future trends and societal impact. Laboratory experiences will include hard wired controls, PLC controls, robot programming and operation through both teach pendants and microcomputers. Basic troubleshooting of automatic controls will be included, with an introduction to fluid power and ladder logic. The complete Outline of Instruction can be found at http://www.monroeccc.edu/outlines/.
COURSE BEGINS	Thursday, August 26, 2021
COURSE ENDS	Thursday, December 9, 2021
REGISTRATION PROCESS	Students must register for the course through the College's regular registration process. If you are a first-time blended 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 blended 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 **FL2021-ONL-001-L1 by August 21, 2021**. Failure to complete the online orientation by the above date may result in de-registration from your Fall 2021 blended course.
SCHEDULED MEETINGS	7 pm – 8:55 pm / Tuesdays & Thursdays / Room T-164
COURSE MATERIALS AND TEXTBOOK INFORMATION	Textbook information can be found on the MCCC Bookstore's webpage, http://www.monroeccc.edu/bookstore/. Textbook information is posted approximately one month prior to the beginning of the semester. IMPORTANT: Please ensure you are validating the entire course name and number when searching for and selecting books to purchase on the Bookstore website. Required texts for classes can vary depending on instructors or if the classes are being held online. Please contact the MCCC Bookstore for additional information, 734.384.4140.
COURSE EXPECTATIONS	To earn a grade in this course, the student will review the material given to them, complete lab assignments, submit homework problems, and complete two tests. See the course syllabus for details.
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

Download/access web-based Microsoft Office applications:
1. Go to www.monroeccc.edu and click CURRENT STUDENTS
2. Next click on EMAIL from the list of links on the left, it will open another window
3. Click EMAIL LOGIN, then log in with your entire MCCC email address (e.g., tperson23456@my.monroeccc.edu) and your email password, which initially is your seven-digit student ID#.
4. Click on the **9-dot square** in the upper left corner next to the word "Outlook", some Office Suite icons appear
5. Click on the **Office 365 with an arrow** link, more Office Suite icons appear
6. Finally, click on the **Install Office link** and follow the instructions *NOTE there are links in the instructions if you have difficulties installing the software. Please use those links to resolve any possible installation issues.*

FYI - You will not be able to download Microsoft Office until the first day of the semester.

Other System Recommendations
- Broadband internet connection
- Webcam

COMPUTER REQUIREMENTS

PC or Mac computer systems with Windows 10 (or Mac equivalent OS) is required.

Chromebook Use Limitations: Chromebooks cannot be used for courses requiring Microsoft Office applications (e.g., CIS 130, CIS 109, etc.). Additionally, Chromebooks may not work with when taking quizzes requiring *Respondus Lockdown browser in Brightspace*.
Mac Computer Use Limitations: The Microsoft Access application does not work on a Mac.

COURSE SPECIFIC SOFTWARE	Provided in the lab.
WHERE DO STUDENTS START	On the first day of class, login to Brightspace and review the syllabus and all instruction documents.
OTHER INFORMATION	Class content is presented in an asynchronous manner. It is NOT self paced, however, the student can schedule most of the work as best fits their schedule. Certain lab activities will require scheduled meetings on campus. All Communication is via COLLEGE EMAIL. Your Email inbox should be checked DAILY. Assignments and grades and will be posted and submitted using Brightspace. Plan on spending a lot of time on campus in the automation lab.
STUDENT LOGIN INFORMATION	To login to **Brightspace, E-mail, or WebPal**, go to www.monroeccc.edu and click on CURRENT STUDENTS on the menu bar, then click on Brightspace, email, or WebPal from the links that appear on the left side of the screen. **Brightspace** - Login to Brightspace using your unique MCCC Webpal username (i.e., the first part of your MCCC email address) and 7-digit student ID number for your password (or whatever password you use for your MCCC college email account). You should be able to access Brightspace 24 hours after registering for a course. Courses are not available in Brightspace until the first day of the semester. **E-mail** - Your email address is your MyWebPal user name followed by @my.monroeccc.edu (i.e. jsmith12345@my.monroeccc.edu). Your password is your seven-digit student ID number (including leading zeros). **WebPal -** You need a WebPAL user ID and a password to access WebPAL. Your WebPAL user ID is usually your first initial and last name (i.e. Mary Smith = msmith). To find your user ID, click on **"What's My User ID?"** on the WebPAL home page. Your initial password is your six-digit birthdate (i.e. January 1, 1970 = 010170). After logging on the first time, WebPAL will ask you to change your password. If you are a returning student and can't remember your password, click on **"What's My Password?"** on the WebPAL home page, then choose **"Reset my password."** If you have an e-mail address on file, WebPAL will send you a new password.
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