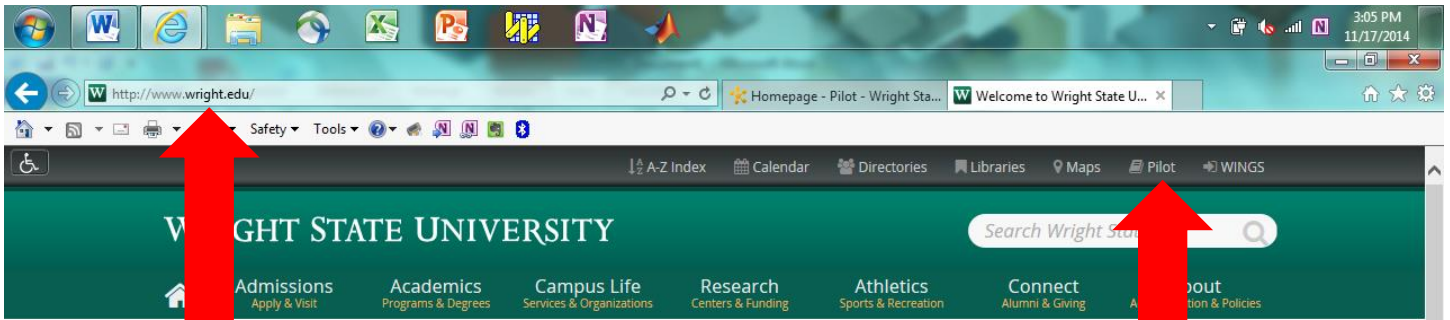


ME 1020: ENGINEERING PROGRAMMING WITH MATLAB: PILOT INTRODUCTION

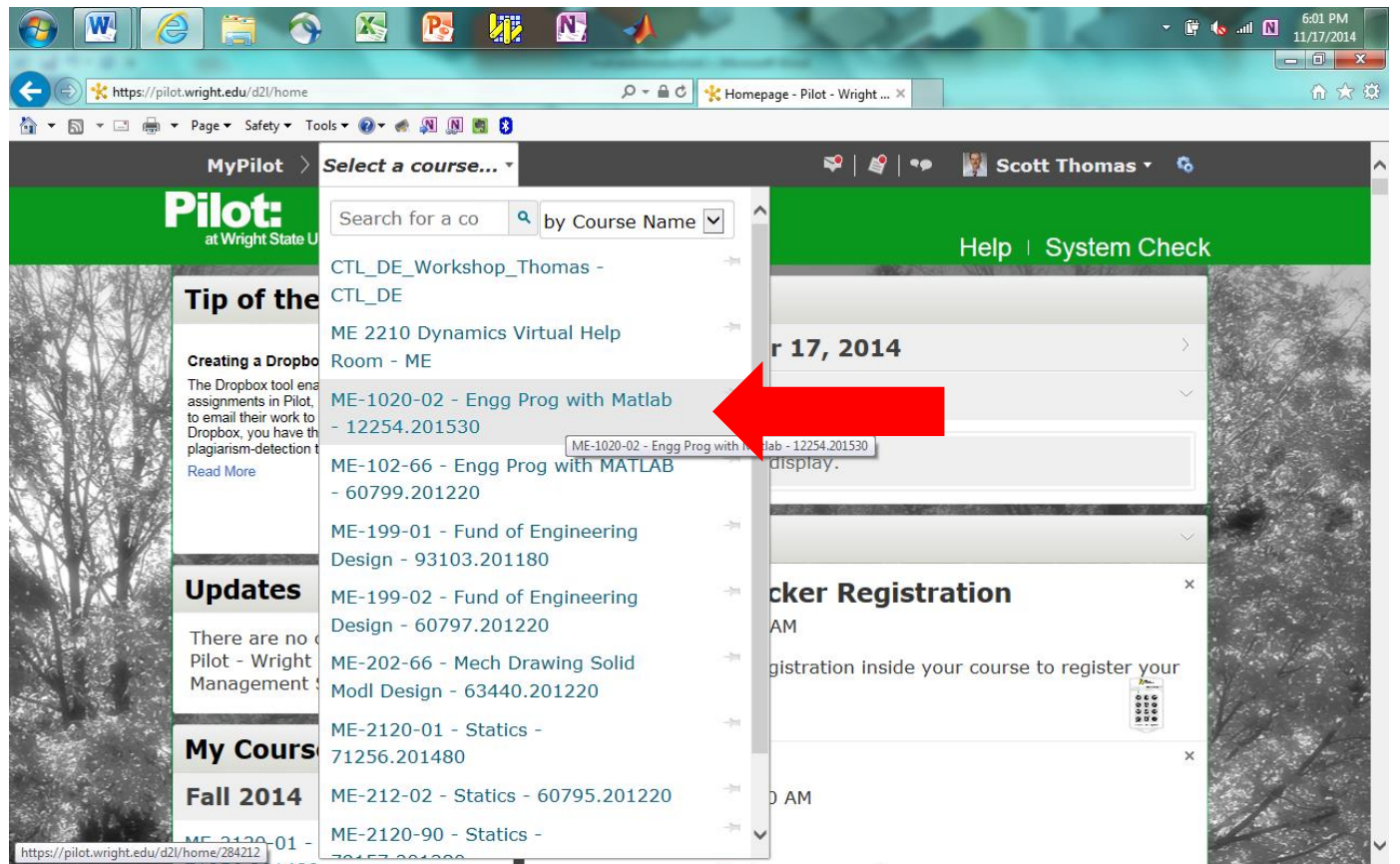
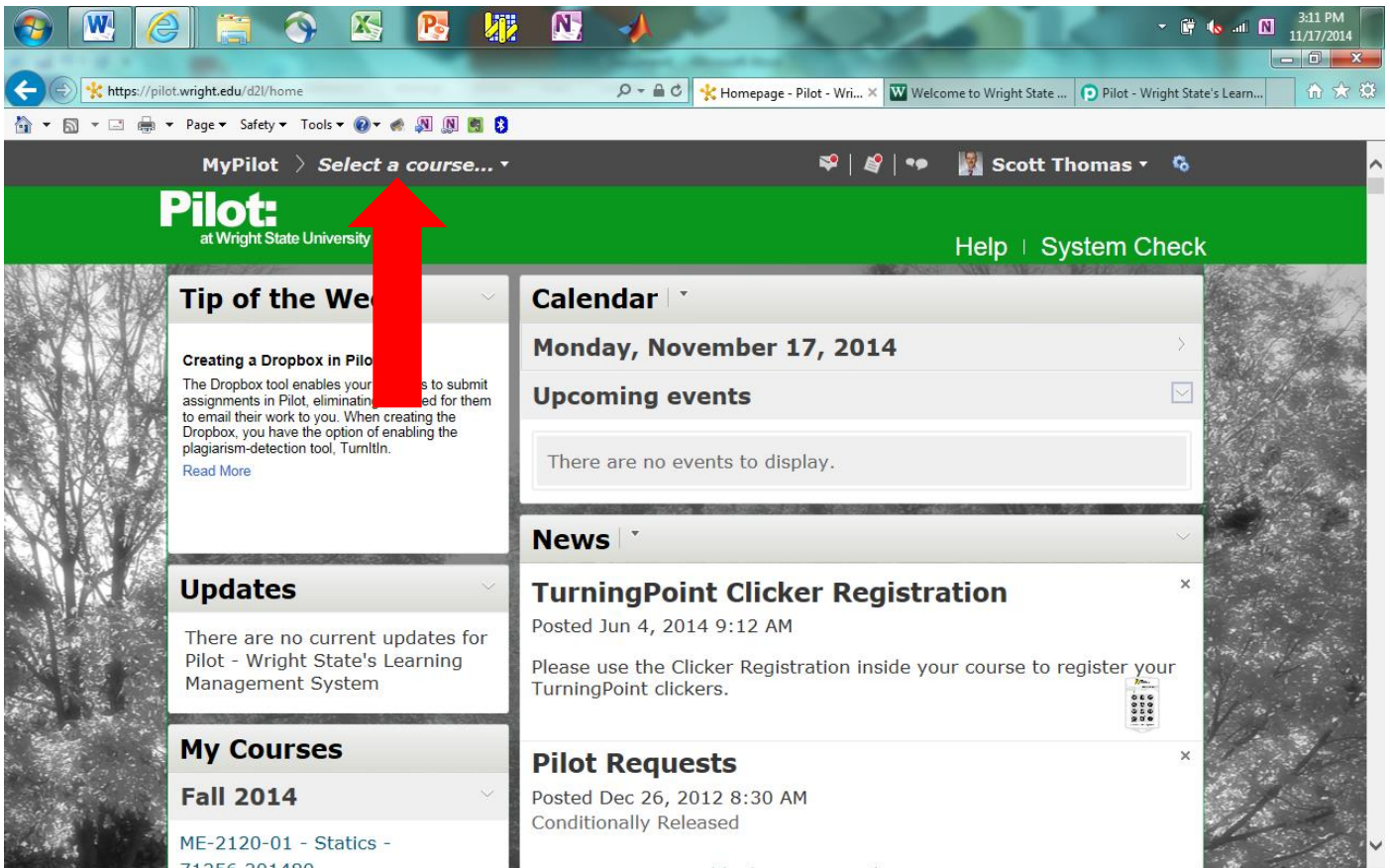
This tutorial will demonstrate how to:

- Use Pilot in order to find the course content
- View grades for submitted material
- Submit homework assignments and exams to the instructor

Log on to Pilot from the main Wright State University homepage. Type in your WSU username and password.

A screenshot of the Wright State University Pilot sign-in page. The page features the Wright State University logo at the top, followed by the word 'pilot' in a large, teal font. Below this is the text 'Online Learning Gateway'. A white box contains the sign-in form, which includes a 'SIGN IN' heading, a 'Username:' label, a text input field containing 'w001xyz', a 'Password:' label, a password input field with a visibility toggle icon, and an orange 'Sign In' button. A red arrow points to the 'Sign In' button.

Locate the **ME 1020 Engineering Programming with MATLAB** course using the **Select a Course** dropdown tab.



Go to the **Content** tab. Notice that the **Calendar** will show you the **Due Dates** for upcoming **Assignments** and **Exams**.

https://pilot.wright.edu/d2l/home/302050

MyPilot > ME-1020-C01 - Engg... Demo ZZStudent_41595.201540

pilot ME-1020-C01 - Engg Prog with Matlab

HOME CONTENT COMMUNICATION ASSESSMENT GRADES CLASSLIST HELP

News

Welcome to ME 1020 Engineering Programming with MATLAB

Posted May 10, 2015 3:30 PM

This engineering programming course will help you to become proficient in MATLAB, which is the industry standard for computations. You will also increase your proficiency in computer logic control.

MATLAB® is a high-level language and interactive environment for numerical computation, visualization, and programming. Using MATLAB, you can analyze data, develop algorithms, and create models and applications. The language, tools, and built-in math functions enable you to explore multiple approaches and reach your goals faster than with spreadsheets or traditional programming languages, such as C/C++ or Java.™

You can use MATLAB for a range of applications, including signal processing and communications, image and video processing, control systems, test and measurement, computational finance, and computational biology. More than a million engineers and scientists in industry and academia use MATLAB, the language of technical computing.™

I will be using mid-term exams, as outlined by the syllabus, in order to test your competence of the covered materials. If you cannot attend a mid-term exam, the weight of that exam will be transferred to the final exam. While this scheme is in place for your benefit in terms of flexibility, it can also be detrimental if you intentionally abuse it. For instance, if you choose to skip both of the mid-term exams, your final exam will be worth 90% of your course grade. I definitely do not recommend this approach. The end of the semester is a very stressful time, and you should not add to that stress by skipping mid-term exams. I believe that you will be much better off by taking each mid-term exam because you will learn the material in a timely manner, your confidence in your abilities will be boosted, and because you will learn how I test and grade. But I can only show you the door; you are the one who has to walk through it.

The mid-terms exams and the final exam are open book, closed notes. During mid-terms exams and the final exam, only the bound textbook will be allowed. The electronic version of the book will not be allowed. If you have purchased the electronic version of the book from the on-campus bookstore, you can return it to the bookstore and get the bound textbook.

I look forward to working with you this semester.

Scott K. Thomas, Ph.D.

Calendar

Sunday, May 10, 2015

Upcoming events

MAY 14	6:25 PM	Pilot Practice - Due
MAY 19	4:40 PM	Chapter 1 Homework - Due
MAY 26	4:40 PM	Chapter 2 Homework - Due
JUN 2	4:40 PM	Chapter 3 Homework - Due
JUN 2	6:25 PM	Mid-Term Exam 1 - Due
JUN 9	4:40 PM	Chapter 4a Homework - Due
JUN 16	4:40 PM	Chapter 4b Homework - Due

Go to the **Syllabus**. Note the locations for the **In-Class/Homework Handouts**, **Homework Solutions**, **Notes**, **Lecture Powerpoints**, and **Student Support and Policies** tabs.

The screenshot shows a web browser window with the URL <https://pilot.wright.edu/d2l/le/content/302050/Home>. The page title is "ME-1020-C01 - Engg Prog with Matlab" and it is part of the "pilot" system at Wright State University. The user is logged in as "Demo ZZStudent_41595.201540".

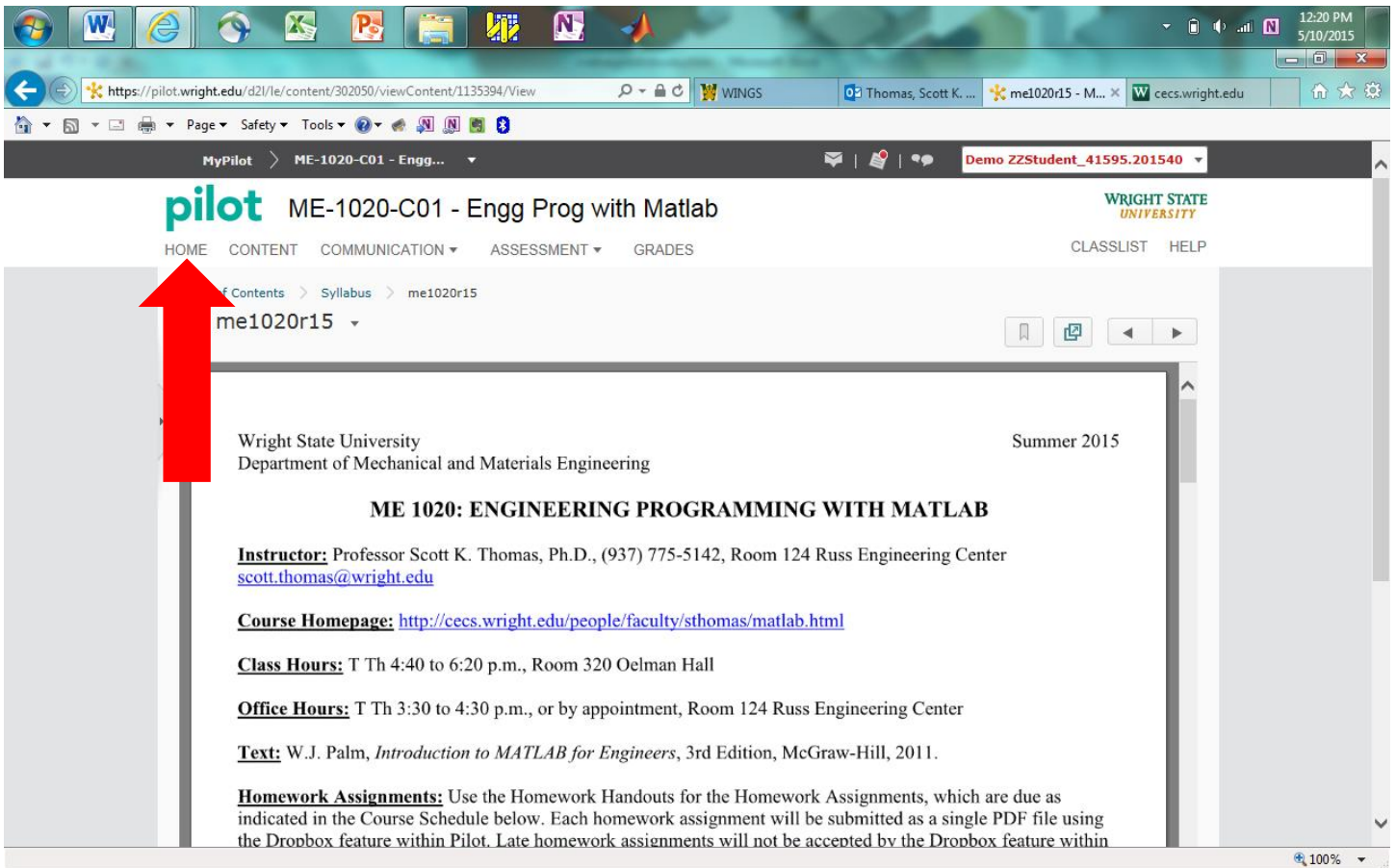
The page layout includes a navigation bar with "HOME", "CONTENT", "COMMUNICATION", "ASSESSMENT", and "GRADES". Below this is a search bar and a "Print" button. The main content area is titled "Overview" and contains text about MATLAB. On the left side, there is a vertical menu with the following items and counts:

- Table of Contents (11)
- Syllabus (1) ← **Red arrow pointing to this item**
- Homework Handouts (1)
- In-Class Assignments (1)
- Homework Answers (1)
- Homework Solutions (1)
- Other Solutions (1)
- Notes (1)
- Lecture Powerpoints (1)
- Student Support and Policies (3)

Wright State University Pilot LMS interface. The page title is "ME-1020-C01 - Engg Prog with Matlab". The left sidebar contains a "Table of Contents" with items like Overview, Bookmarks, Upcoming Events, Table of Contents (11), Syllabus (1), Homework Handouts (1), In-Class Assignments (1), Homework Answers (1), Homework Solutions (1), Other Solutions (1), Notes (1), Lecture Powerpoints (1), and Student Support and Resources (3). The main content area shows a "Syllabus" section with a progress indicator "0% 0 of 1 topics complete" and a document icon labeled "me1020r15". A red arrow points to the "me1020r15" document icon. The top navigation bar includes "HOME", "CONTENT", "COMMUNICATION", "ASSESSMENT", "GRADES", "CLASSLIST", and "HELP". The user's name "Demo ZZStudent_41595.201540" is visible in the top right.

Wright State University Pilot LMS interface showing the content of the "me1020r15" document. The breadcrumb trail is "Table of Contents > Syllabus > me1020r15". The document content includes:
Wright State University
Department of Mechanical and Materials Engineering
Summer 2015
ME 1020: ENGINEERING PROGRAMMING WITH MATLAB
Instructor: Professor Scott K. Thomas, Ph.D., (937) 775-5142, Room 124 Russ Engineering Center
scott.thomas@wright.edu
Course Homepage: <http://cecs.wright.edu/people/faculty/sthomas/matlab.html>
Class Hours: T Th 4:40 to 6:20 p.m., Room 320 Oelman Hall
Office Hours: T Th 3:30 to 4:30 p.m., or by appointment, Room 124 Russ Engineering Center
Text: W.J. Palm, *Introduction to MATLAB for Engineers*, 3rd Edition, McGraw-Hill, 2011.
Homework Assignments: Use the Homework Handouts for the Homework Assignments, which are due as indicated in the Course Schedule below. Each homework assignment will be submitted as a single PDF file using the Dropbox feature within Pilot. Late homework assignments will not be accepted by the Dropbox feature within Pilot.

Return to the **ME 1020 Pilot Home** page by clicking on the browser tab shown below.



The screenshot shows a web browser window with the URL <https://pilot.wright.edu/d2l/le/content/302050/viewContent/1135394/View>. The browser's address bar shows the course name "ME1020r15 - M..." and the user "Thomas, Scott K...". The page title is "ME-1020-C01 - Engg Prog with Matlab". The navigation menu includes "HOME", "CONTENT", "COMMUNICATION", "ASSESSMENT", "GRADES", "CLASSLIST", and "HELP". A red arrow points to the "HOME" link. The main content area displays the course information for "ME 1020: ENGINEERING PROGRAMMING WITH MATLAB" for Summer 2015, including the instructor's name and contact information, course homepage, class hours, office hours, and text book.

Wright State University
Department of Mechanical and Materials Engineering

Summer 2015

ME 1020: ENGINEERING PROGRAMMING WITH MATLAB

Instructor: Professor Scott K. Thomas, Ph.D., (937) 775-5142, Room 124 Russ Engineering Center
scott.thomas@wright.edu

Course Homepage: <http://cecs.wright.edu/people/faculty/sthomas/matlab.html>

Class Hours: T Th 4:40 to 6:20 p.m., Room 320 Oelman Hall

Office Hours: T Th 3:30 to 4:30 p.m., or by appointment, Room 124 Russ Engineering Center

Text: W.J. Palm, *Introduction to MATLAB for Engineers*, 3rd Edition, McGraw-Hill, 2011.

Homework Assignments: Use the Homework Handouts for the Homework Assignments, which are due as indicated in the Course Schedule below. Each homework assignment will be submitted as a single PDF file using the Dropbox feature within Pilot. Late homework assignments will not be accepted by the Dropbox feature within

Go to the **Grades** tab. You can view your grades for submitted materials here.

The screenshot shows a web browser window with the URL <https://pilot.wright.edu/d2l/home/302050>. The browser's address bar shows the course name "ME-1020-C01 - Engg...". The page header includes the "pilot" logo, the course title "ME-1020-C01 - Engg Prog with Matlab", and the Wright State University logo. The navigation menu contains "HOME", "CONTENT", "COMMUNICATION", "ASSESSMENT", "GRADES", "CLASSLIST", and "HELP". A red arrow points to the "GRADES" menu item. The main content area is divided into two columns: "News" and "Calendar".

News | ▾

Welcome to ME 1020 Engineering Programming with MATLAB

Posted May 7, 2015 3:30 PM

This engineering programming course will help you to become proficient in MATLAB, which is the industry standard for computations. You will also increase your proficiency in computer control.

MATLAB® is a high-level language and interactive environment for numerical computation, visualization, and programming. Using MATLAB, you can analyze data, develop algorithms, create models and applications. The language, tools, and built-in math functions enable you to explore multiple approaches and reach a solution faster than with spreadsheets or traditional programming languages, such as C/C++ or Java.*

You can use MATLAB for a range of applications, including signal processing and communications, image and video processing, control systems, test and measurement, computational finance, and computational biology. More than a million engineers and scientists in industry and academia use MATLAB, the language of technical computing.*

I will be using mid-term exams, as outlined by the syllabus, in order to test your competence of the covered materials. If you cannot attend a mid-term exam, the weight of that exam will be transferred to the final exam. While this scheme is in place for your benefit in terms of flexibility, it can also be detrimental if you intentionally abuse it. For instance, if you choose to skip both of the mid-term exams, your final exam will be worth 90% of your course grade. I definitely do not recommend this approach. The end of the semester is a very stressful time, and you should not add to that stress by skipping mid-term exams. I believe that you will be much better off by taking each mid-term exam because you will learn the material in a timely manner, your confidence in your abilities will be boosted, and because you will learn how I test and grade. But I can only show you the door; you are the one who has to walk through it.

The mid-terms exams and the final exam are open book, closed notes. During mid-terms exams and the final exam, only the bound textbook will be allowed. The electronic version of the book will not be allowed. If you have purchased the electronic version of the book from the on-campus bookstore, you can return it to the bookstore and get the bound textbook.

I look forward to working with you this semester.

Scott K. Thomas, Ph.D.

Calendar | ▾

Sunday, May 10, 2015 >

Upcoming events ▾

MAY	6:25 PM	Pilot Practice - Due
14		
MAY	4:40 PM	Chapter 1 Homework - Due
19		
MAY	4:40 PM	Chapter 2 Homework - Due
26		
JUN	4:40 PM	Chapter 3 Homework - Due
2		
JUN	6:25 PM	Mid-Term Exam 1 - Due
2		
JUN	4:40 PM	Chapter 4a Homework - Due
9		
JUN	4:40 PM	Chapter 4b Homework - Due
16		

Grades Print

Grade Items

Grade Item	Points	Weight Achieved	Grade
Homework			
Chapter 1 Homework	0 / 80	0 / 0.8	
Chapter 2 Homework	0 / 100	0 / 1.1	
Chapter 3 Homework	0 / 90	0 / 0.9	
Chapter 4a Homework	0 / 90	0 / 0.9	
Chapter 4b Homework	0 / 60	0 / 0.6	
Chapter 5 Homework	0 / 110	0 / 1.2	
Chapter 6 Homework	0 / 90	0 / 0.9	
Chapter 7 Homework	0 / 100	0 / 1.1	
Chapter 8 Homework	0 / 80	0 / 0.8	
Chapter 9a Homework	0 / 90	0 / 0.9	
Chapter 9b Homework	0 / 60	0 / 0.6	
Mid-Term Exams			
Mid-Term Exam 1	0 / 30	0 / 30	
Mid-Term Exam 2	0 / 30	0 / 30	
Final Exam			
Final Exam	0 / 30	0 / 30	

Go to the **Assessment/Dropbox** tab to submit files to the instructor.

Grades Print

Grade Items

Grade Item	Points	Weight Achieved	Grade
Homework			
Chapter 1 Homework	0 / 80	0 / 0.8	
Chapter 2 Homework	0 / 100	0 / 1.1	
Chapter 3 Homework	0 / 90	0 / 0.9	
Chapter 4a Homework	0 / 90	0 / 0.9	
Chapter 4b Homework	0 / 60	0 / 0.6	
Chapter 5 Homework	0 / 110	0 / 1.2	
Chapter 6 Homework	0 / 90	0 / 0.9	
Chapter 7 Homework	0 / 100	0 / 1.1	
Chapter 8 Homework	0 / 80	0 / 0.8	
Chapter 9a Homework	0 / 90	0 / 0.9	
Chapter 9b Homework	0 / 60	0 / 0.6	
Mid-Term Exams			
Mid-Term Exam 1	0 / 30	0 / 30	
Mid-Term Exam 2	0 / 30	0 / 30	
Final Exam			
Final Exam	0 / 30	0 / 30	

Scroll down to locate **Pilot Practice, Homeworks, Mid-Term Exams, and Final Exam.**

MyPilot > ME-1020-C01 - Engg... Demo ZZStudent_41595.201540

pilot ME-1020-C01 - Engg Prog with Matlab **WRIGHT STATE UNIVERSITY**

HOME CONTENT COMMUNICATION ASSESSMENT GRADES CLASSLIST HELP

Dropbox Folders Help

[View History](#)

20 per page

Folder	Score	Submissions	Feedback	Due Date
Pilot Practice				
Pilot Practice	- / -	0	-	May 14, 2015 6:25 PM
Homeworks				
Chapter 1 Homework	- / 80	0	-	May 19, 2015 4:40 PM
Chapter 2 Homework	- / 100	0	-	May 26, 2015 4:40 PM
Chapter 3 Homework	- / 90	0	-	Jun 2, 2015 4:40 PM
Chapter 4a Homework	- / 90	0	-	Jun 9, 2015 4:40 PM
Chapter 4b Homework	- / 60	0	-	Jun 16, 2015 4:40 PM
	- / 110	0	-	Jun 23,

100%

The left-hand column shows the opening time and date, and the right-hand column shows the deadline time and date for each assignment or exam.

The screenshot shows a web browser window displaying the MyPilot LMS interface for a course titled "ME-1020-C01 - Engg...". The user is logged in as "Demo ZZStudent_41595.201540". The interface displays a table of assignments and exams. Two red arrows are overlaid on the table: one pointing left from the "Mid-Term Exam 1" row to the opening time and date, and another pointing right from the same row to the deadline time and date.

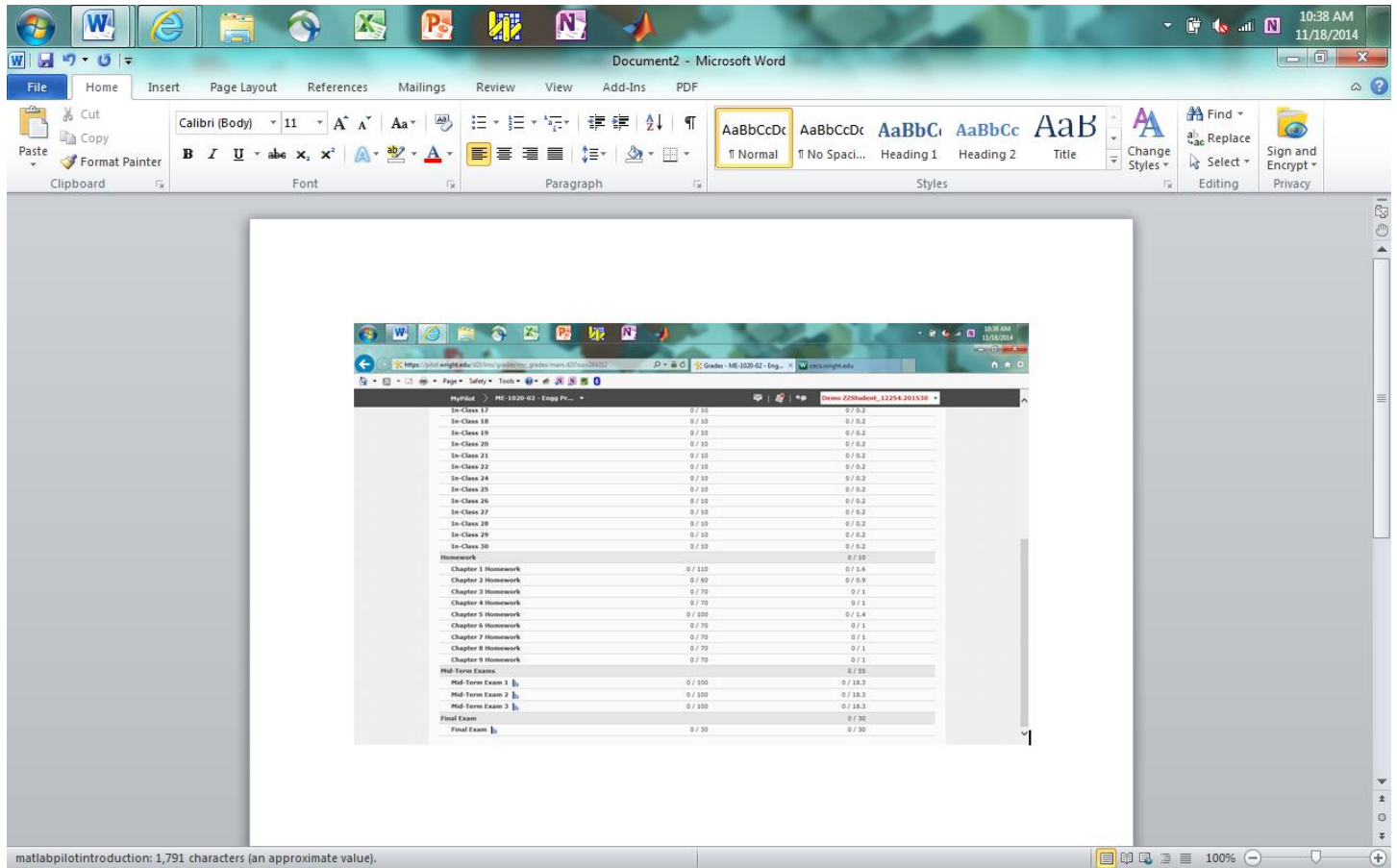
Assignment/Exam	Points	Score	Grade	Opening Time and Date	Deadline Time and Date
Chapter 4b Homework	- / 110	0	-	2015 4:40 PM	
Chapter 5 Homework	- / 110	0	-	Jun 23, 2015 4:40 PM	
Chapter 6 Homework	- / 90	0	-	Jun 30, 2015 4:40 PM	
Chapter 7 Homework	- / 100	0	-	Jul 9, 2015 4:40 PM	
Chapter 8 Homework	- / 80	0	-	Jul 16, 2015 4:40 PM	
Chapter 9a Homework	- / 90	0	-	Jul 23, 2015 4:40 PM	
Chapter 9b Homework	- / 60	0	-	Jul 30, 2015 4:40 PM	
Mid-Term Exams					
Mid-Term Exam 1 Opens Jun 2, 2015 4:40 PM	- / 25			Jun 2, 2015 4:40 PM	Jun 2, 2015 6:25 PM
Mid-Term Exam 2 Opens Jun 30, 2015 4:40 PM	- / 25			Jun 30, 2015 4:40 PM	Jun 30, 2015 6:25 PM
Final Exam					
Final Exam Opens Jul 30, 2015 4:40 PM	- / 20			Jul 30, 2015 4:40 PM	Jul 30, 2015 6:25 PM

20 per page

Take a screenshot of what is currently on the computer screen using the **Print Screen Button** on the keyboard.

Open up **Microsoft Word**.

Use **CTRL-V** to copy the screenshot onto the **Word** document.



Save the file onto the Desktop. Also, use the **Save As** function to convert the Word document to a **PDF File**.

Save this **PDF File** onto the Desktop as well.

Save As

Desktop

Organize New folder

File name: Doc2

Save as type: Word Document

Authors: scott

Tags: Add a tag

Save

Microsoft Word

Styles: Normal, No Spacing, Heading 1, Heading 2, Title

Item	Score
Chapter 4 Homework	0/70
Chapter 5 Homework	0/70
Chapter 6 Homework	0/70
Chapter 7 Homework	0/70
Chapter 8 Homework	0/70
Chapter 9 Homework	0/70
Mid-Term Exams	0/35
Mid-Term Exam 1	0/18.3
Mid-Term Exam 2	0/18.3
Mid-Term Exam 3	0/18.3
Final Exam	0/30

matlabpilotintroduction: 1,791 characters (an approximate value).

Document1 - Microsoft Word

File Home Insert Page Layout References Mailings Review View Add-Ins PDF

Save

Save As

Open

Close

Info

Recent

New

Print

Save & Send

Help

Add-Ins

Options

Exit

Permissions

Anyone can open, copy, and change any part of this document.

Protect Document

Prepare for Sharing

Before sharing this file, be aware that it contains:

- Document properties and author's name
- Content that people with disabilities are unable to read

Check for Issues

Versions

There are no previous versions of this file.

Manage Versions

Properties

Size: Not saved yet

Pages: 1

Words: 0

Total Editing Time: 1 Minute

Title: Add a title

Tags: Add a tag

Comments: Add comments

Related Dates

Last Modified: Never

Created: Today, 3:49 PM

Last Printed: Never

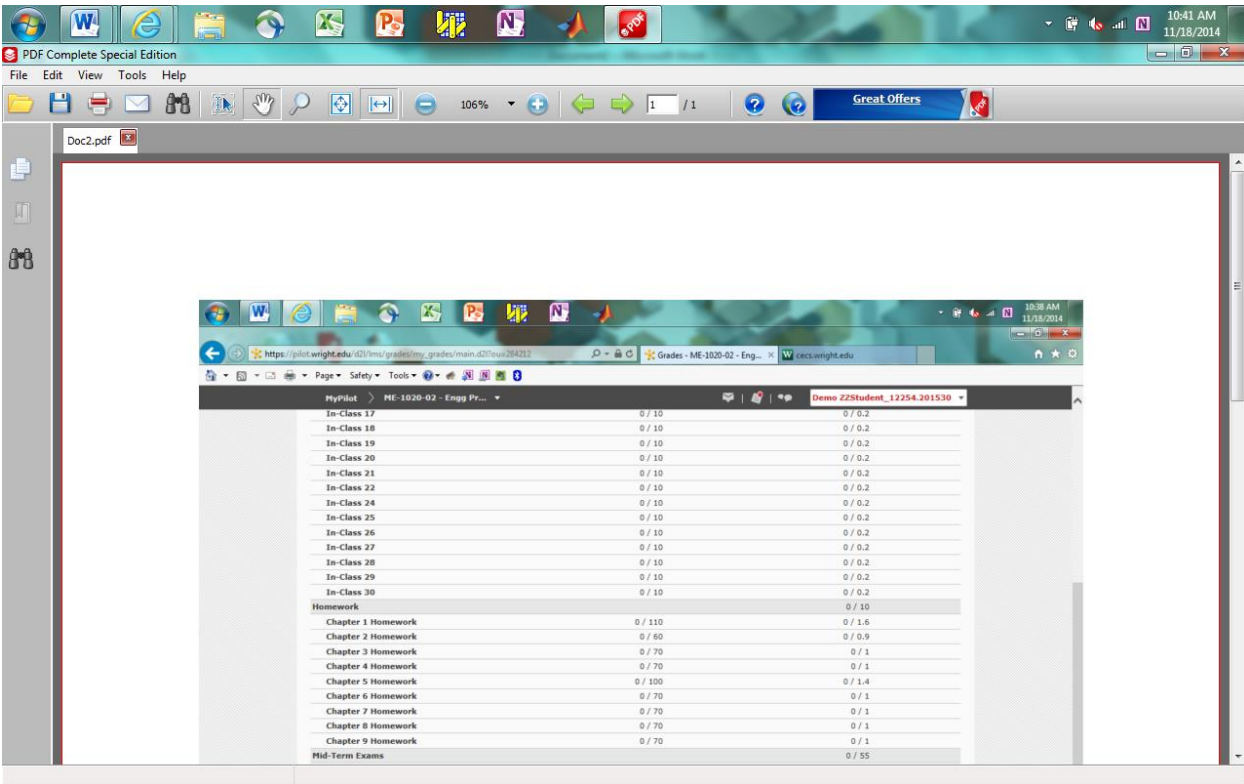
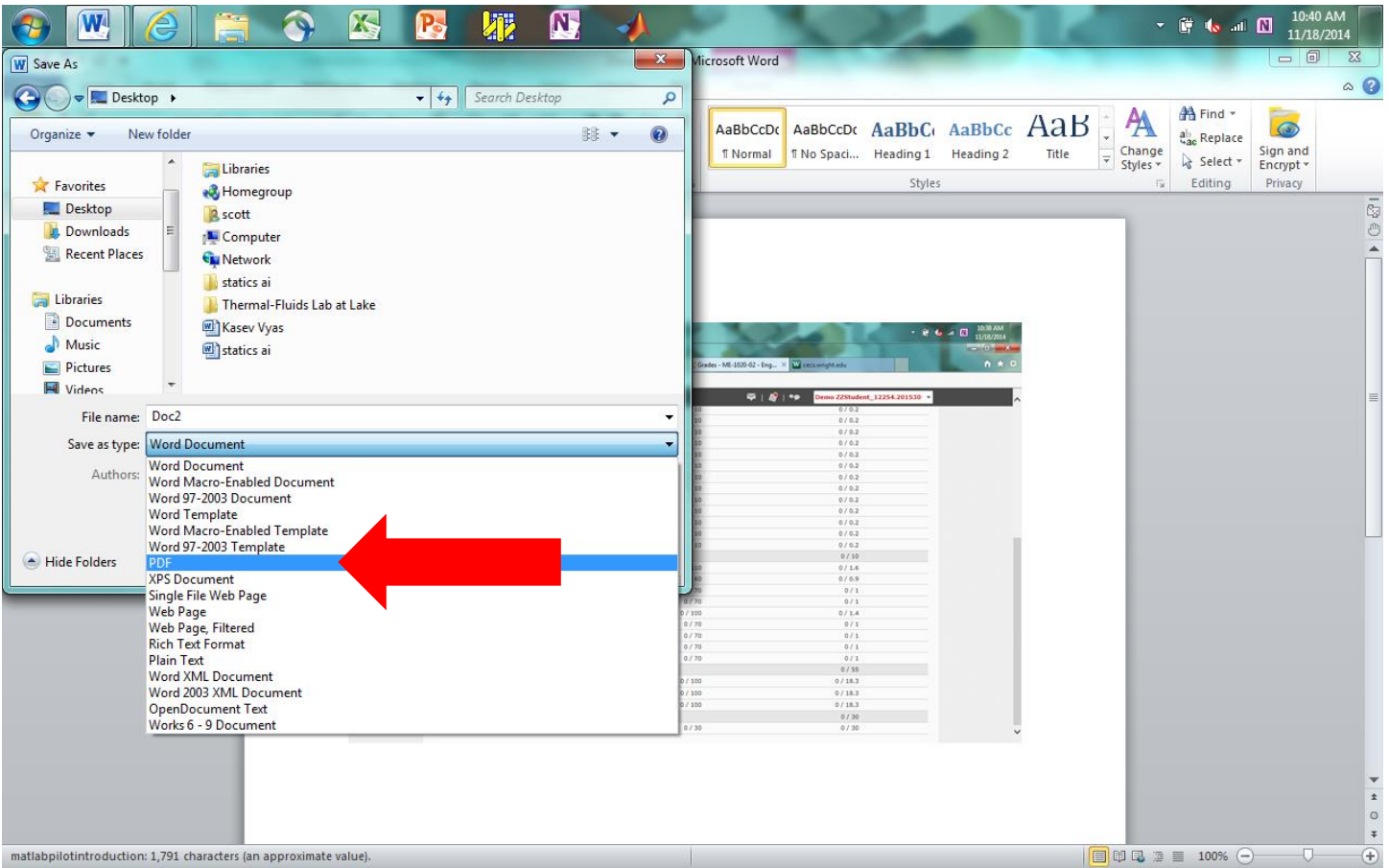
Related People

Author: scott

Add an author

Last Modified By: Not saved yet

Show All Properties



Submit this PDF file to the Pilot Practice Dropbox.

MyPilot > ME-1020-C01 - Engg...

pilot ME-1020-C01 - Engg Prog with Matlab WRIGHT STATE UNIVERSITY

HOME CONTENT COMMUNICATION ASSESSMENT GRADES CLASSLIST HELP

Dropbox Folders Help

[View History](#)

20 per page

Folder	Score	Submissions	Feedback	Due Date
Pilot Practice				
Pilot Practice	- / -	0	-	May 14, 2015 6:25 PM
Homeworks				
Chapter 1 Homework	- / 80	0	-	May 19, 2015 4:40 PM
Chapter 2 Homework	- / 100	0	-	May 26, 2015 4:40 PM
Chapter 3 Homework	- / 90	0	-	Jun 2, 2015 4:40 PM
Chapter 4a Homework	- / 90	0	-	Jun 9, 2015 4:40 PM
Chapter 4b Homework	- / 60	0	-	Jun 16, 2015 4:40 PM
	- / 110	0	-	Jun 23, 2015 4:40 PM

Go to **Add a File/My Computer/Upload** and select the **PDF File** located on the Desktop.

MyPilot > ME-1020-02 - Engg Pr...

Pilot: ME-1020-02 - Engg Prog with Matlab Classlist | Help

Home | Content | Communication | Assessment | Grades

Submit Files - Pilot Practice

[Hide Folder Information](#)

Folder

Pilot Practice

Start Date
Nov 16, 2014 7:30 AM

Due Date
Nov 17, 2014 4:00 PM

Submit Files

Files to submit *
(0) file(s) to submit

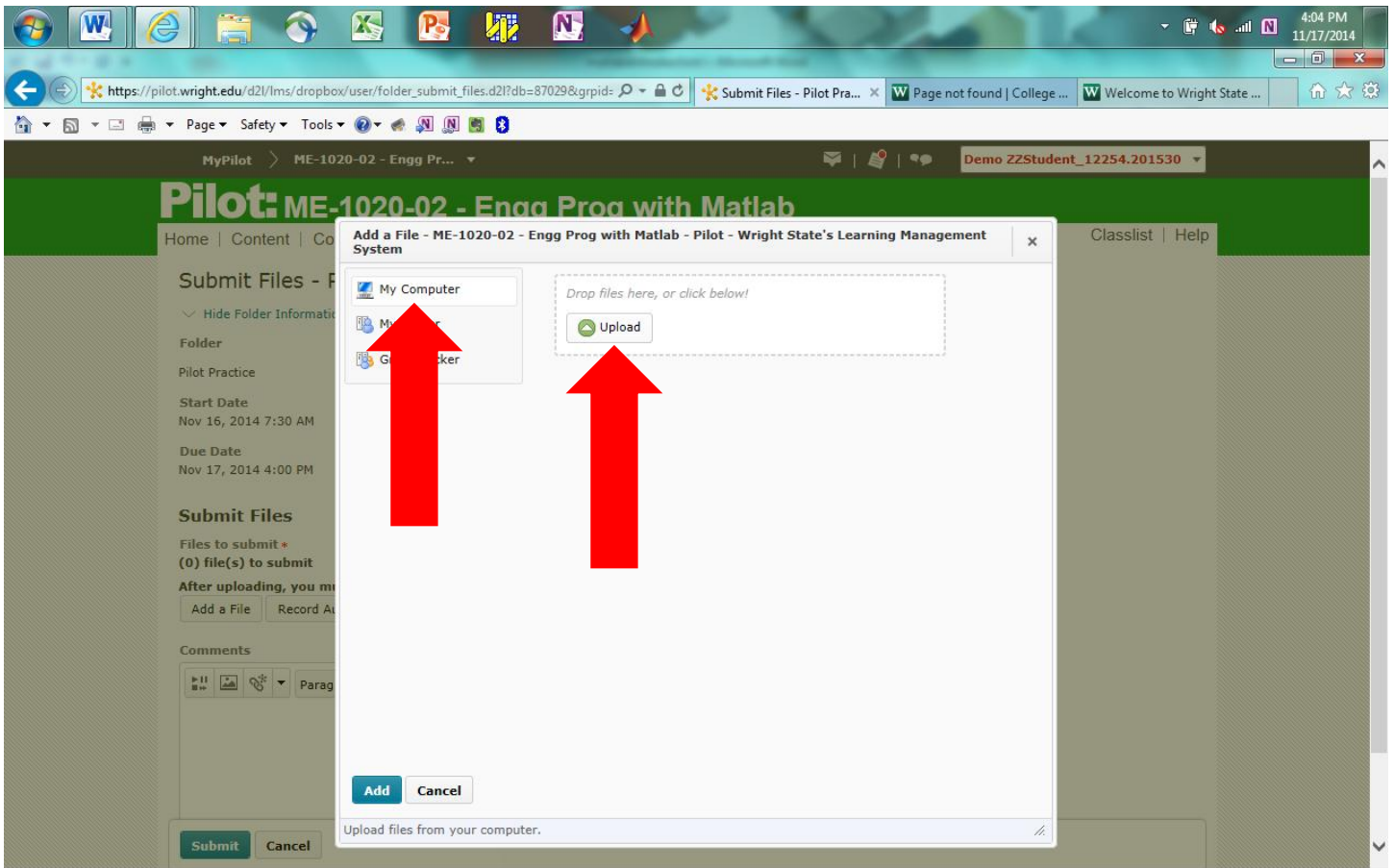
After uploading, you must click Submit to complete the submission.

[Add a File](#) [Record Audio](#)

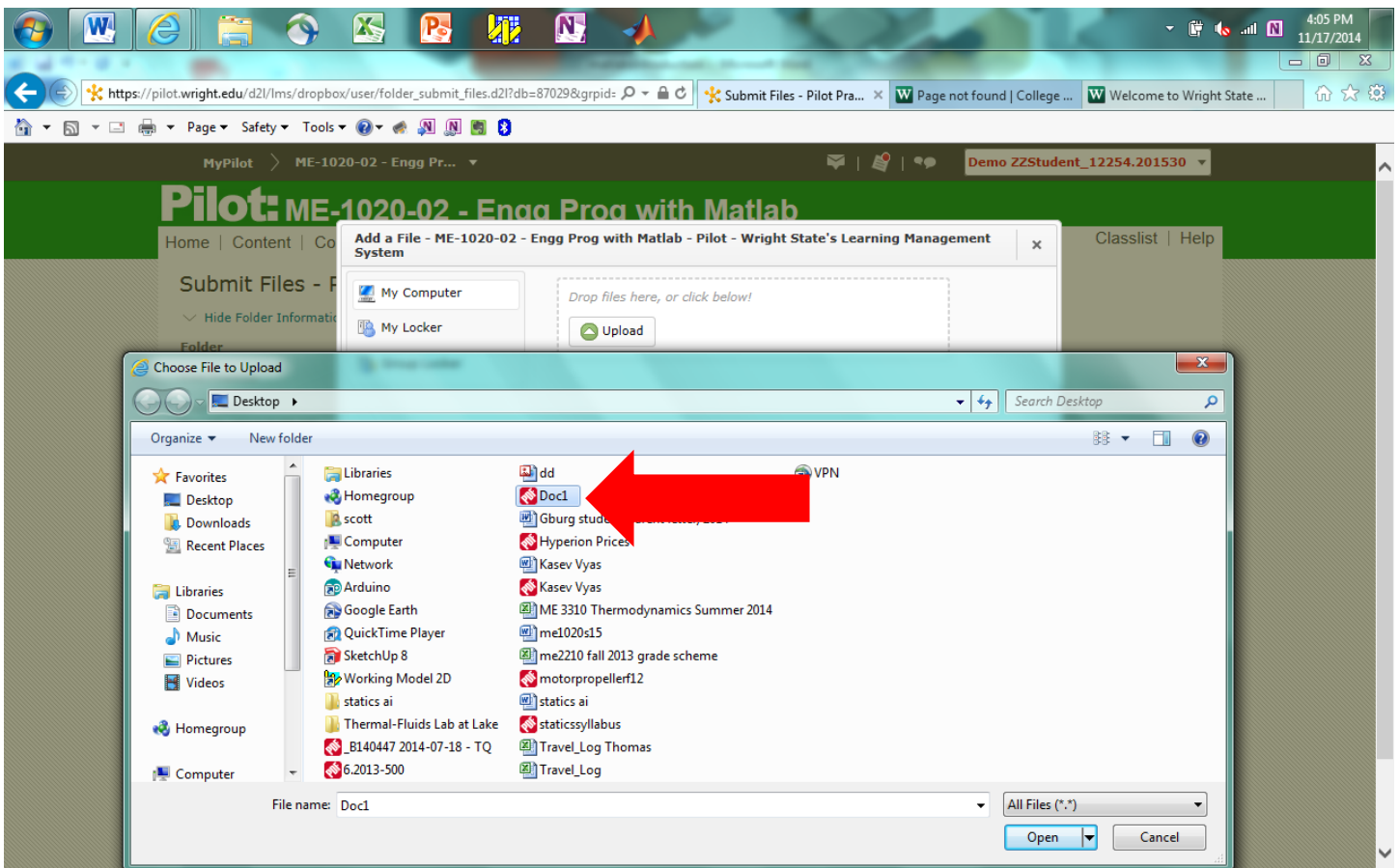
Comments

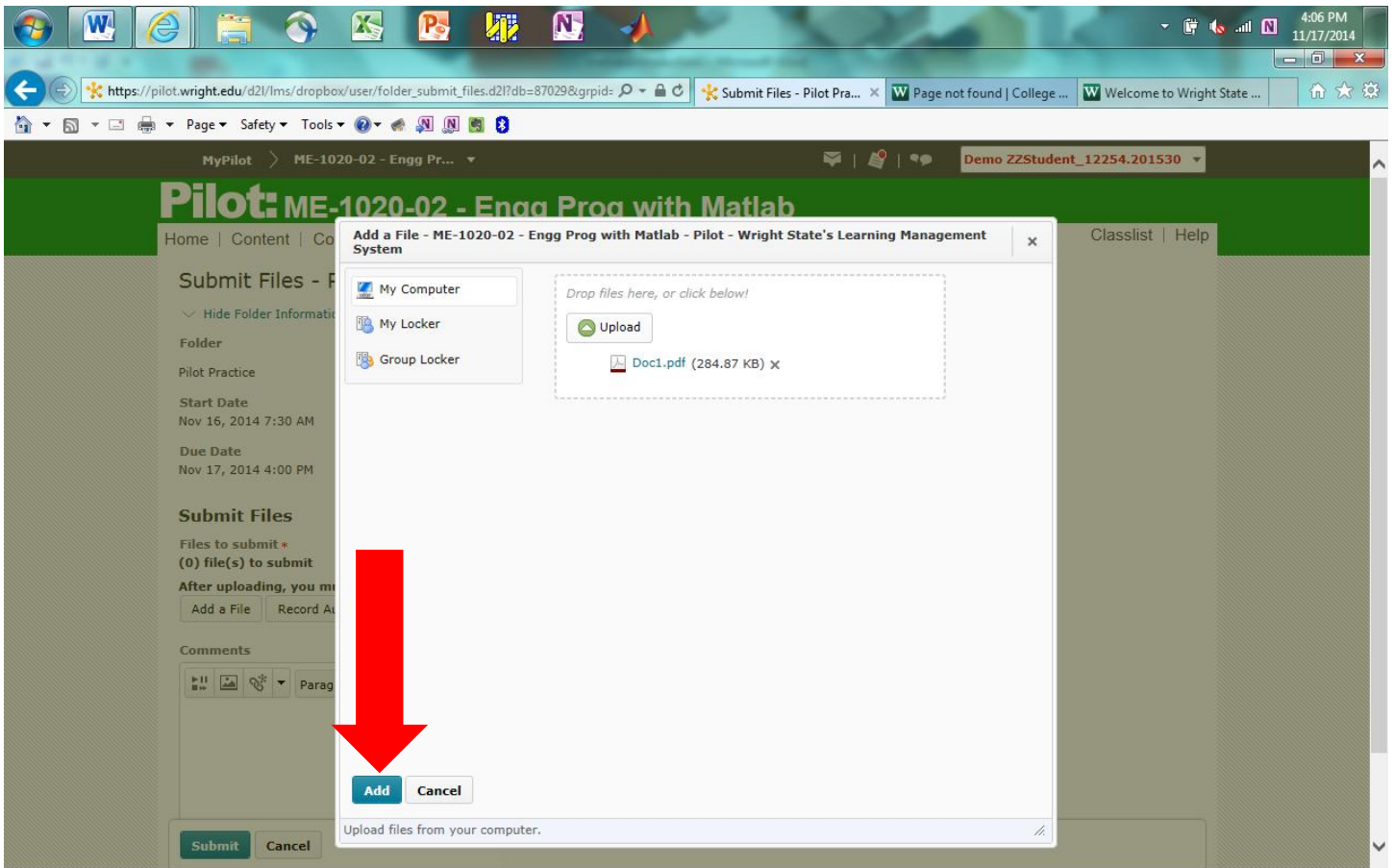
Rich text editor with Paragraph dropdown and a text input field.

[Submit](#) [Cancel](#)

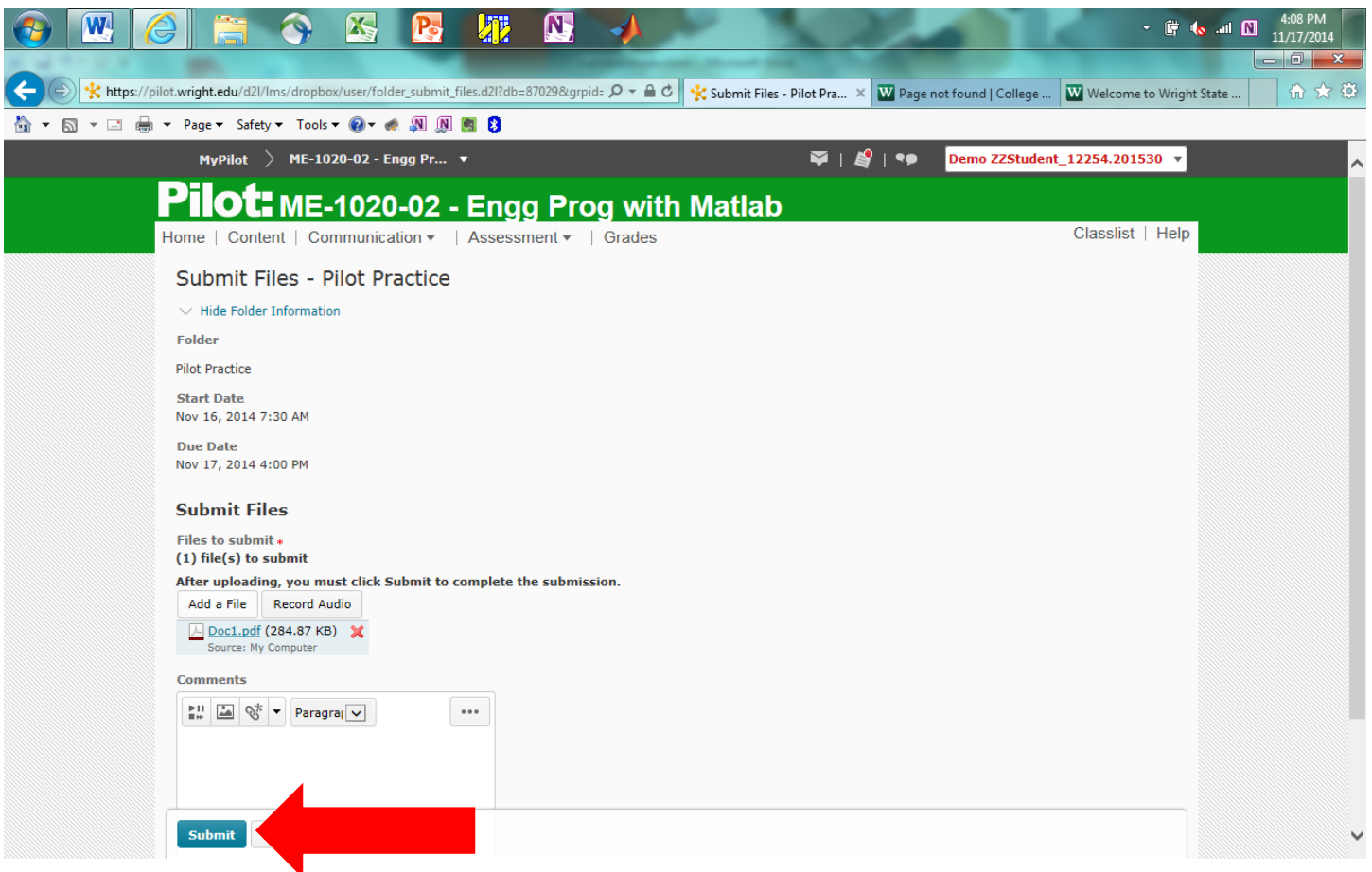


Double-click the file to select it, and then press the **Add** button to upload it to the **Pilot Practice Dropbox**.





Click on the **Submit Button** and the **Done Button** to send your assignment to the instructor.



MyPilot > ME-1020-02 - Engg Pr... Demo ZZStudent_12254.201530

Pilot: ME-1020-02 - Engg Prog with Matlab

Home | Content | Communication | Assessment | Grades Classlist | Help

File Upload Results

File submission successful

Uploaded By
Demo ZZStudent_12254.201530

Folder
Pilot Practice

Instructions

Submitted Files
 Doc1.pdf (284.87 KB)

Comments

Submission Date
Nov 17, 2014 4:12 PM

Total File Size
284.87 KB

Email Status
Confirmation Email Sent Successfully

Done | View History | Upload More Files

You can read feedback from the instructor by clicking into the **Pilot Practice Dropbox Folder**.

MyPilot > ME-1020-02 - Engg Pr... Demo ZZStudent_12254.201530

Pilot: ME-1020-02 - Engg Prog with Matlab

Home | Content | Communication | Assessment | Grades Classlist | Help

Dropbox Folders Help

[View History](#)

100 per page

Folder	Score	Submissions	Feedback	Due Date
Pilot Practice				
Pilot Practice	- / -	1	-	Nov 17, 2014 4:30 PM
In-Class Homeworks				
In-Class 01 <small>Opens Jan 13, 2015 7:30 AM</small>	- / 10	-	-	Jan 13, 2015 9:30 AM
In-Class 02 <small>Opens Jan 15, 2015 7:30 AM</small>	- / 10	-	-	Jan 15, 2015 9:30 AM
In-Class 03 <small>Opens Jan 20, 2015 7:30 AM</small>	- / 10	-	-	Jan 20, 2015 9:30 AM
In-Class 04 <small>Opens Jan 22, 2015 7:30 AM</small>	- / 10	-	-	Jan 22, 2015 9:30 AM
In-Class 05 <small>Opens Jan 27, 2015 7:30 AM</small>	- / 10	-	-	Jan 27, 2015 9:30 AM
In-Class 06 <small>Opens Jan 29, 2015 7:30 AM</small>	- / 10	-	-	Jan 29, 2015 9:30 AM

Click on **View** under the **Feedback** column.

MyPilot > ME-1020-02 - Engg Pr... Demo ZZStudent_12254.201530

Pilot: ME-1020-02 - Engg Prog with Matlab

Home | Content | Communication | Assessment | Grades Classlist | Help

Dropbox Folders

[View History](#) 100 per page

Folder	Score	Submissions	Feedback	Due Date
Pilot Practice				
Pilot Practice			View	Nov 17, 2014 4:30 PM
In-Class Homeworks				
In-Class 01 Opens Jan 13, 2015 7:30 AM	- / 10	-	-	Jan 13, 2015 9:30 AM
In-Class 02 Opens Jan 15, 2015 7:30 AM	- / 10	-	-	Jan 15, 2015 9:30 AM
In-Class 03 Opens Jan 20, 2015 7:30 AM	- / 10	-	-	Jan 20, 2015 9:30 AM
In-Class 04 Opens Jan 22, 2015 7:30 AM	- / 10	-	-	Jan 22, 2015 9:30 AM
In-Class 05 Opens Jan 27, 2015 7:30 AM	- / 10	-	-	Jan 27, 2015 9:30 AM
In-Class 06 Opens Jan 29, 2015 7:30 AM	- / 10	-	-	Jan 29, 2015 9:30 AM

MyPilot > ME-1020-02 - Engg Pr... Demo ZZStudent_12254.201530

Pilot: ME-1020-02 - Engg Prog with Matlab

Home | Content | Communication | Assessment | Grades Classlist | Help

View Feedback

User Submissions

Folder
Pilot Practice

Submitted Files

Submitted Files	Date Submitted
Doc1.pdf (284.87 KB)	Nov 17, 2014 4:12 PM

Feedback

Feedback Date
Nov 17, 2014 4:16 PM

Dropbox Feedback
Please correct your program and resubmit for full credit.
Scott

[Done](#)