

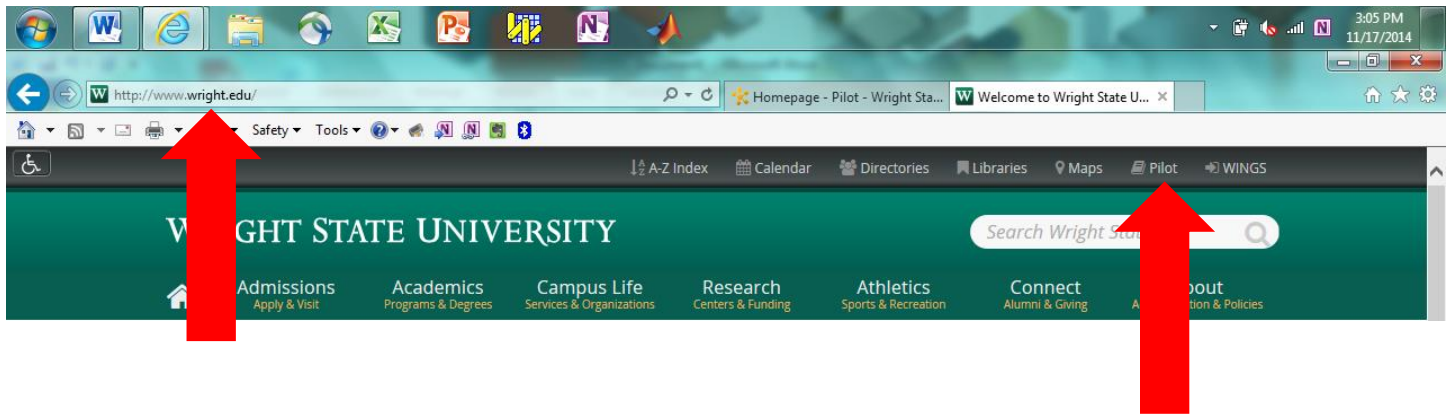
ME 2120: STATICS:

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 Working Model assignments to the instructor

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



WRIGHT STATE
UNIVERSITY

pilot

Online Learning Gateway

SIGN IN

Username:

w001xyz

Password:

••••••••



Sign In



Locate the **ME 2120 Statics** course in the **My Courses** area.

MyPilot > Select a course... | Scott Thomas

pilot Online Learning Gateway | WRIGHT STATE UNIVERSITY | HELP SYSTEM CHECK

Tip of the Week
Activate Your Course!
 Your students won't be able to see your course until you activate it. The courses are set, by default, to be inactive.
[Read More](#)

Updates
 There are no current updates for Pilot - Wright State's Learning Management System

My Courses
Spring 2015
 ME-1020-02 - Engg Prog with Matlab - 12254.201530

Calendar
Thursday, January 8, 2015
Upcoming events

- JAN 9 All Day** Last day to be admitted as a degree-seeking undergraduate student
Pilot - Wright State's Learning Management System
- JAN 11 All Day** Last day for continuing students to register without \$100 late registration fee.
Pilot - Wright State's Learning Management System
- JAN 12 All Day** First day of Spring Semester full-term and A-Term classes.
Pilot - Wright State's Learning Management System
- JAN 13** ME-1020-02 - Engg Prog with Matlab
- JAN 9:30 AM** Pilot Practice - Due
- JAN 9:30 AM** ME-1020-02 - Engg Prog with Matlab

Class 01 - Due

MyPilot > Select a course... | Scott Thomas

Activate Your Course!
 Your students won't be able to see your course until you activate it. The courses are set, by default, to be inactive.
[Read More](#)

Updates
 There are no current updates for Pilot - Wright State's Learning Management System

My Courses
Spring 2015
 ME-1020-02 - Engg Prog with Matlab - 12254.201530
 ME-1020-03 - Engg Prog with Matlab - 12255.201530
 ME-2120-01 - Statics - 12260.201530
 (Inactive)

Upcoming events

- JAN 9 All Day** Last day to be admitted as a degree-seeking undergraduate student
Pilot - Wright State's Learning Management System
- JAN 11 All Day** Last day for continuing students to register without \$100 late registration fee.
Pilot - Wright State's Learning Management System
- JAN 12 All Day** First day of Spring Semester full-term and A-Term classes.
Pilot - Wright State's Learning Management System
- JAN 9:30 AM** In-Class 01 - Due
- JAN 13** ME-1020-02 - Engg Prog with Matlab
- JAN 9:30 AM** Pilot Practice - Due
- JAN 13** ME-1020-02 - Engg Prog with Matlab

[Show More...](#)

TurninPoint Clicker Registration

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

pilot ME-2120-01 - Statics



News

Welcome to ME 2120 Statics!

Posted January 5, 2015 4:56 PM

Statics is the study of the forces and moments on stationary particles and rigid bodies using Newton's second law of motion. In this class, you will sharpen your analytical skills in order to do the following:

- Solve problems using two-dimensional and three-dimensional vector analysis, including addition, scalar multiplication and vector multiplication (dot product and cross product).
- Ensure the body under investigation is stationary and not rotating by insisting that the externally applied forces and moments sum to zero.
- Determine the location of the center of mass for two-dimensional and three-dimensional bodies, and understand the principles of calculating forces and moments based on a distributed force load.
- Analyze structures such as trusses and machines by breaking the structures apart at their joints.
- Understand the methods used to find the maximum shear stress, maximum axial stress and the maximum bending moment within a multi-force member.
- Examine statics problems involving friction.
- Calculate the area moment of inertia and the mass moment of inertia of two-dimensional and three-dimensional bodies.
- Be able to successfully draw a free-body diagram of any situation.

I will be using in-class 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 all of the mid-term exams, your final exam will be worth 85% 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're the one who has to walk through it.

All mid-terms exams and the final exam are open book, closed notes. During mid-terms exams

Calendar

Thursday, January 8, 2015

Upcoming events

JAN 12 6:00 PM Pilot Practice - Due

Content Browser

Bookmarks Recently Visited

- Syllabus
- Handouts
- Homework Answers
- Homework Solutions
- Previous Exams
- Notes
- Working Model

Go to the **Syllabus**. Note the locations for the **In-Class/Homework Handouts**, **Homework Solutions**, **Notes**, **Previous Exams**, and **Working Model** tabs.

The screenshot shows a web browser window with the URL <https://pilot.wright.edu/d2l/le/content/284220/Home>. The browser's address bar shows the page title "Overview - ME-2120-01 - St...". The browser's taskbar at the top displays various application icons and the system clock showing 10:20 AM on 1/8/2015.

The web page header includes the "pilot" logo, the course title "ME-2120-01 - Statics", and the Wright State University logo. Navigation tabs include "HOME", "CONTENT", "COMMUNICATION", "ASSESSMENT", and "GRADES". A user profile dropdown shows "Demo ZZStudent_12260.201530".

The main content area is titled "Overview" and features a search bar and a "Print" button. A left-hand navigation menu contains the following items:

- Overview
- Bookmarks
- Upcoming Events
- Table of Contents (7)
- Syllabus (1)** ← (indicated by a red arrow)
- Handouts (1)
- Homework Answers (1)
- Homework Solutions (1)
- Previous Exams (1)
- Notes (1)
- Working Model (1)

Wright State University
ME-2120-01 - Statics

HOME CONTENT COMMUNICATION ASSESSMENT GRADES CLASSLIST HELP

Search Topics

Overview
Bookmarks
Upcoming Events

Table of Contents 7
Syllabus 1
Handouts 1
Homework Answers 1
Homework Solutions 1
Previous Exams 1
Notes 1
Working Model 1

Statics Syllabus

0 % 0 of 1 topics complete

Wright State University
Department of Mechanical and Materials Engineering

Spring 2015

ME 2120: STATICS

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/statics.html>

Class Hours: M W 4:40 to 6:00 p.m., Room 144 Russ Engineering Center

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

Text: *Vector Mechanics for Engineers: Statics*, Beer, Johnston, Mazurek and Cornwell, 10th Edition, McGraw-Hill, 2012.

Return to the **ME 2120: Statics Pilot** page by clicking on the browser tab shown below.

Wright State University
Department of Mechanical and Materials Engineering

Spring 2015

ME 2120: STATICS

Instructor: Professor Scott K. Thomas, Ph.D., (937) 775-5142, Room 124 Russ Engineering Center
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Office Hours: M W 3:30 to 4:30 p.m., or by appointment, Room 124 Russ Engineering Center

Text: *Vector Mechanics for Engineers: Statics*, Beer, Johnston, Mazurek and Cornwell, 10th Edition, McGraw-Hill, 2012.

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

MyPilot > ME-2120-01 - Statics

WRIGHT STATE UNIVERSITY

HOME CONTENT COMMUNICATION ASSESSMENT **GRADES** CLASSLIST HELP

Table of Contents > Syllabus > Statics Syllabus

Statics Syllabus

External Resource
Statics Syllabus
Open in New Window

Activity Details

- Task: View this topic

https://pilot.wright.edu/d2l/lms/grades/my_grades/main.d2l?ou=284220

Grades - ME-2120-01 - Statics

MyPilot > ME-2120-01 - Statics

WRIGHT STATE UNIVERSITY

HOME CONTENT COMMUNICATION ASSESSMENT GRADES CLASSLIST HELP

Grades

Grade Items

Grade Item	Points	Weight Achieved	Grade
Homeworks			
In-Class #01	0 / 10	0 / 0.1	
In-Class #02	0 / 10	0 / 0.1	
hmwk #1	0 / 70	0 / 1	
hmwk #2	0 / 50	0 / 0.7	
hmwk #3	0 / 70	0 / 1	
hmwk #4	0 / 100	0 / 1.5	
hmwk #5	0 / 60	0 / 0.9	
hmwk #6a	0 / 70	0 / 1	
hmwk #6b	0 / 80	0 / 1.2	
hmwk #7	0 / 50	0 / 0.7	
hmwk #8	0 / 40	0 / 0.6	
hmwk #9	0 / 60	0 / 0.9	
Working Model			
Working Model 01	0 / 10	0 / 0.5	
Working Model 02	0 / 10	0 / 0.5	
Working Model 03	0 / 10	0 / 0.5	
Working Model 04	0 / 10	0 / 0.5	
Working Model 05	0 / 10	0 / 0.5	
Working Model 06a	0 / 10	0 / 0.5	
Working Model 06b	0 / 10	0 / 0.5	

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

https://pilot.wright.edu/d2l/lms/grades/my_grades/main.d2l?ou=284220

Grades - ME-2120-01 - Statics

MyPilot > ME-2120-01 - Statics

WRIGHT STATE UNIVERSITY

HOME CONTENT COMMUNICATION **ASSESSMENT** GRADES CLASSLIST HELP

Grades

Grade Items

- Dropbox
- Quizzes & Exams
- Rubrics
- Self Assessments
- Surveys
- User Progress

Grade Item	Points	Weight Achieved	Grade
Homeworks			
In-Class #01	0 / 10	0 / 0.1	
In-Class #02	0 / 10	0 / 0.1	
hmwk #1	0 / 70	0 / 1	
hmwk #2	0 / 50	0 / 0.7	
hmwk #3	0 / 70	0 / 1	
hmwk #4	0 / 100	0 / 1.5	
hmwk #5	0 / 60	0 / 0.9	
hmwk #6a	0 / 70	0 / 1	
hmwk #6b	0 / 80	0 / 1.2	
hmwk #7	0 / 50	0 / 0.7	
hmwk #8	0 / 40	0 / 0.6	
hmwk #9	0 / 60	0 / 0.9	
Working Model			
Working Model 01	0 / 10	0 / 0.5	
Working Model 02	0 / 10	0 / 0.5	
Working Model 03	0 / 10	0 / 0.5	
Working Model 04	0 / 10	0 / 0.5	
Working Model 05	0 / 10	0 / 0.5	
Working Model 06a	0 / 10	0 / 0.5	
Working Model 06b	0 / 10	0 / 0.5	

https://pilot.wright.edu/d2l/lms/grades/my_grades/dropbox.d2l?ou=284220

Scroll down to locate **Pilot Practice**, **Homeworks** and **Working Model Projects** submission locations. The left-hand column shows the opening time and date, and the right-hand column shows the deadline time and date for each homework assignment and Working Model assignment.

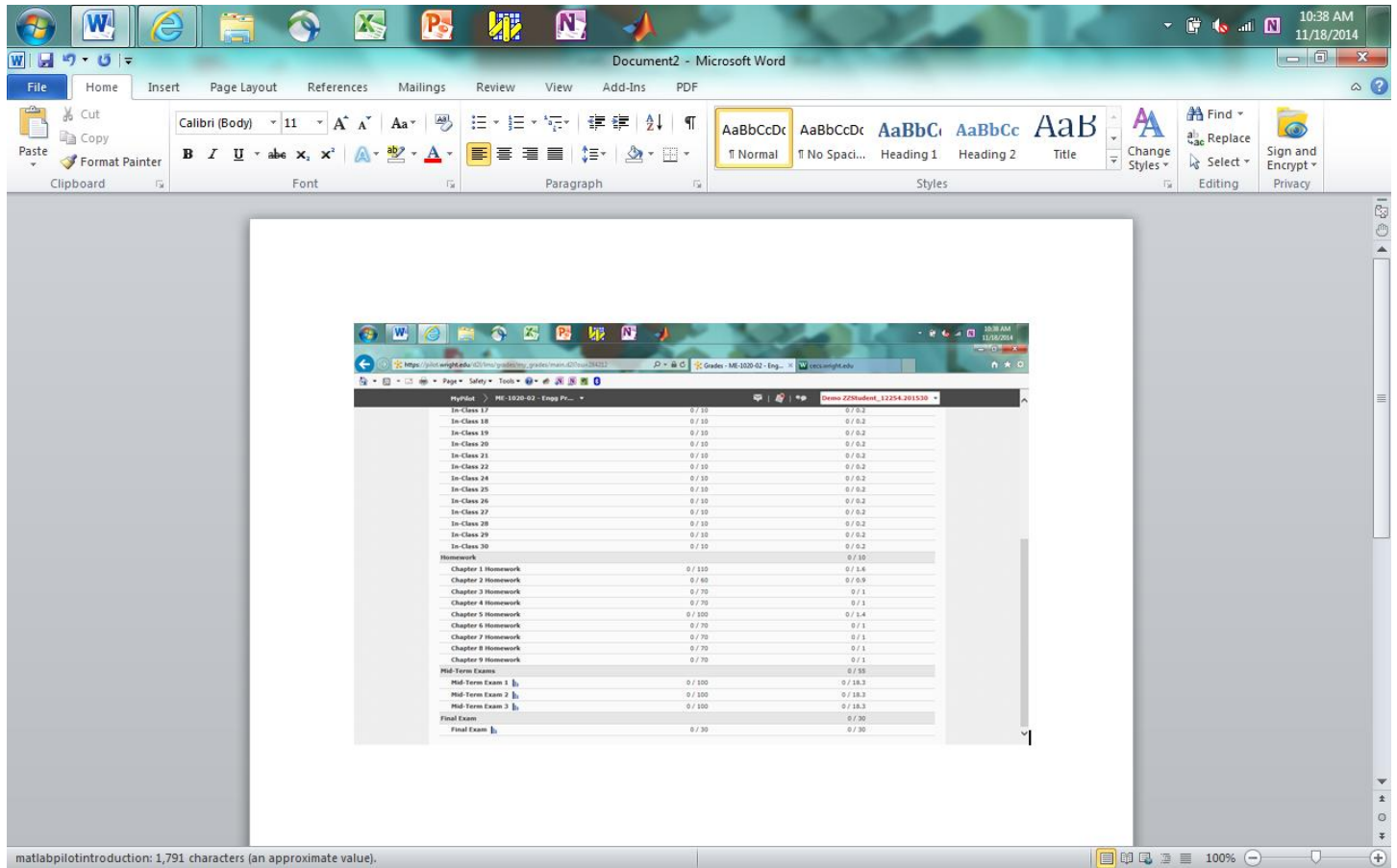
The screenshot shows a web browser window with the URL https://pilot.wright.edu/d2l/lms/dropbox/user/folders_list.d2l?ou=284220&isprv=0. The page title is "ME-2120-01 - Statics" and the user is identified as "Demo ZZStudent_12260.201530". The page content is titled "Dropbox Folders" and includes a "View History" button. Below this, there is a table with the following columns: Folder, Score, Submissions, Feedback, and Due Date. The table is divided into two sections: "Pilot Practice" and "Homeworks".

Folder	Score	Submissions	Feedback	Due Date
Pilot Practice				
Pilot Practice	- / -	0	-	Jan 12, 2015 6:00 PM
Homeworks				
Homework 01 Opens Jan 12, 2015 4:40 PM	- / 70	-	-	Jan 14, 2015 4:40 PM
Homework 02 Opens Jan 12, 2015 4:40 PM	- / 50	-	-	Jan 28, 2015 4:40 PM
Homework 03 Opens Jan 12, 2015 4:40 PM	- / 70	-	-	Feb 9, 2015 4:40 PM
Homework 04 Opens Jan 12, 2015 4:40 PM	- / 100	-	-	Feb 23, 2015 4:40 PM
Homework 05 Opens Jan 12, 2015 4:40 PM	- / 60	-	-	Mar 9, 2015 4:40 PM
Homework 06a Opens Jan 12, 2015 4:40 PM	- / 70	-	-	Mar 16, 2015 4:40

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

Chapter 4 Homework	0/70	0/1.0
Chapter 5 Homework	0/100	0/1.4
Chapter 6 Homework	0/70	0/1.1
Chapter 7 Homework	0/70	0/1.1
Chapter 8 Homework	0/70	0/1.1
Chapter 9 Homework	0/70	0/1.1
Mid-Term Exams	0/35	0/35
Mid-Term Exam 1	0/100	0/18.3
Mid-Term Exam 2	0/100	0/18.3
Mid-Term Exam 3	0/100	0/18.3
Final Exam	0/30	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

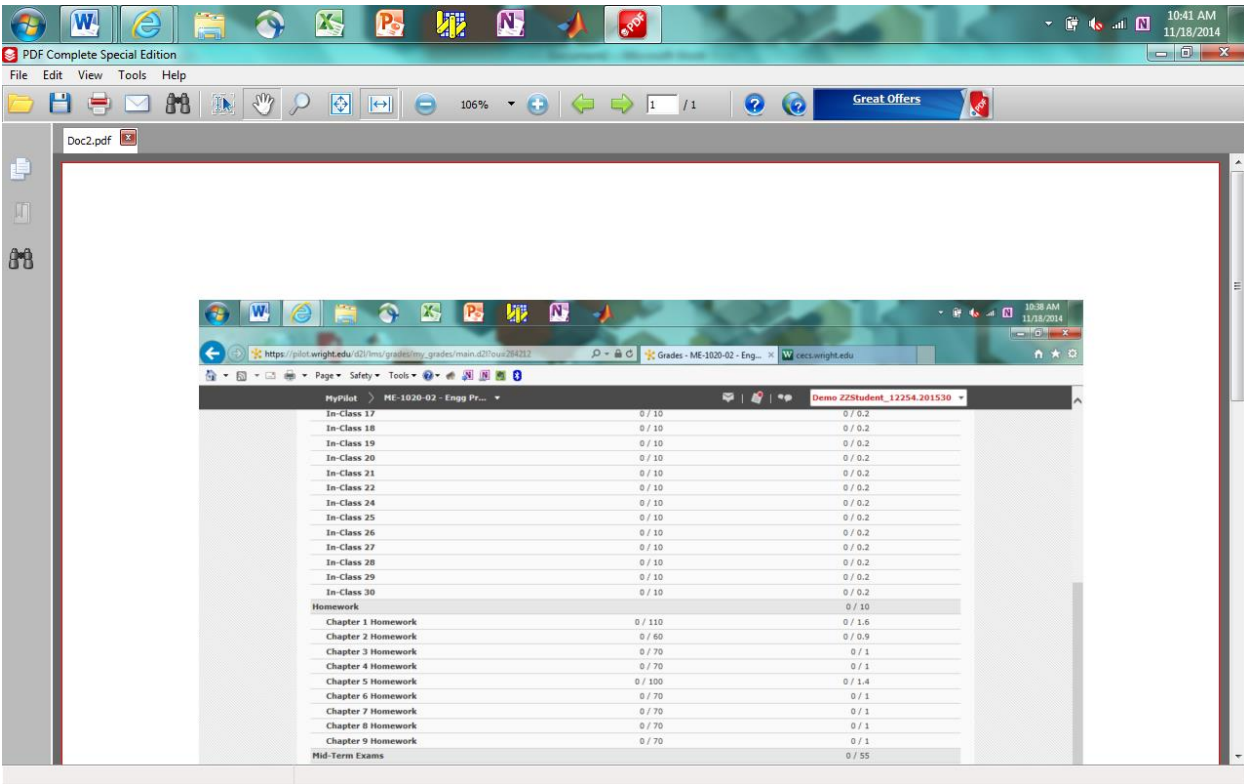
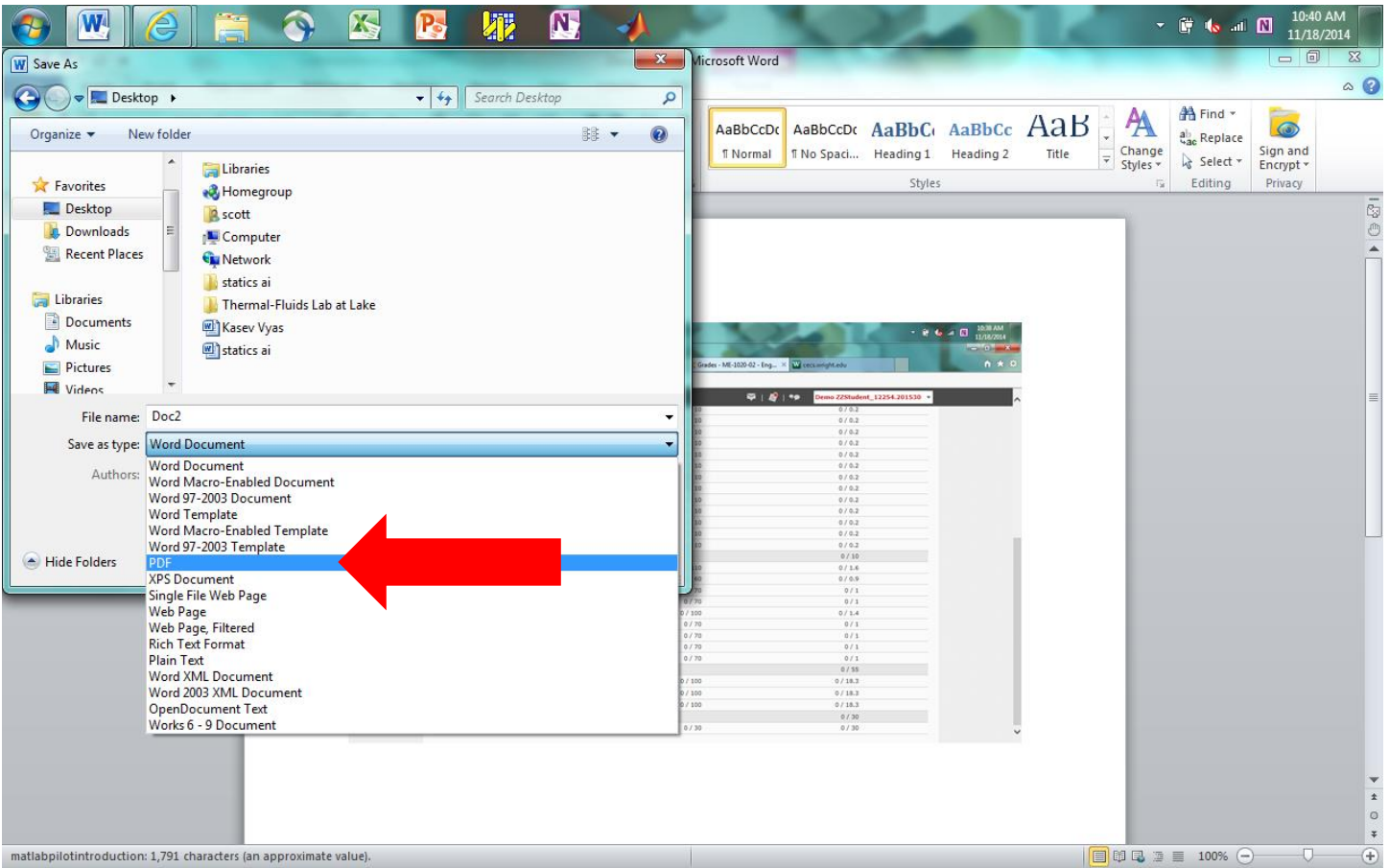
Related People

Author scott

Add an author

Last Modified By Not saved yet

Show All Properties



Submit this PDF file to the Pilot Practice Dropbox.

https://pilot.wright.edu/d2l/lms/dropbox/user/folders_list.d2l?ou=284220&isprv=0

Dropbox Folders - ME-2120... | ceecs.wright.edu

MyPilot > ME-2120-01 - Statics | Demo ZZStudent_12260.201530

pilot ME-2120-01 - Statics | WRIGHT STATE UNIVERSITY

HOME CONTENT COMMUNICATION ▾ ASSESSMENT ▾ GRADES CLASSLIST HELP

Dropbox Folders

View History

Page: 1 of 2 ▾ | 20 ▾ per page

Folder	Score	Submissions	Feedback	Due Date
Pilot Practice				
Pilot Practice	- / -	0	-	Jan 12, 2015 6:00 PM
Homeworks				
Homework 01 Opens Jan 12, 2015 4:40 PM	- / 70	-	-	Jan 14, 2015 4:40 PM
Homework 02 Opens Jan 12, 2015 4:40 PM	- / 50	-	-	Jan 28, 2015 4:40 PM
Homework 03 Opens Jan 12, 2015 4:40 PM	- / 70	-	-	Feb 9, 2015 4:40 PM
Homework 04 Opens Jan 12, 2015 4:40 PM	- / 100	-	-	Feb 23, 2015 4:40 PM
Homework 05 Opens Jan 12, 2015 4:40 PM	- / 60	-	-	Mar 9, 2015 4:40 PM
Homework 06a Opens Jan 12, 2015 4:40 PM	- / 70	-	-	Mar 16, 2015 4:40 PM

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

https://pilot.wright.edu/d2l/lms/dropbox/user/folder_submit_files.d2l?db=91573&grpid=

Submit Files - Pilot Practice ... | ceecs.wright.edu

MyPilot > ME-2120-01 - Statics | Demo ZZStudent_12260.201530

pilot ME-2120-01 - Statics | WRIGHT STATE UNIVERSITY

HOME CONTENT COMMUNICATION ▾ ASSESSMENT ▾ GRADES CLASSLIST HELP

Submit Files - Pilot Practice

Hide Folder Information

Folder
Pilot Practice

Start Date
Jan 8, 2015 10:32 AM

Due Date
Jan 12, 2015 6:00 PM

Submit Files

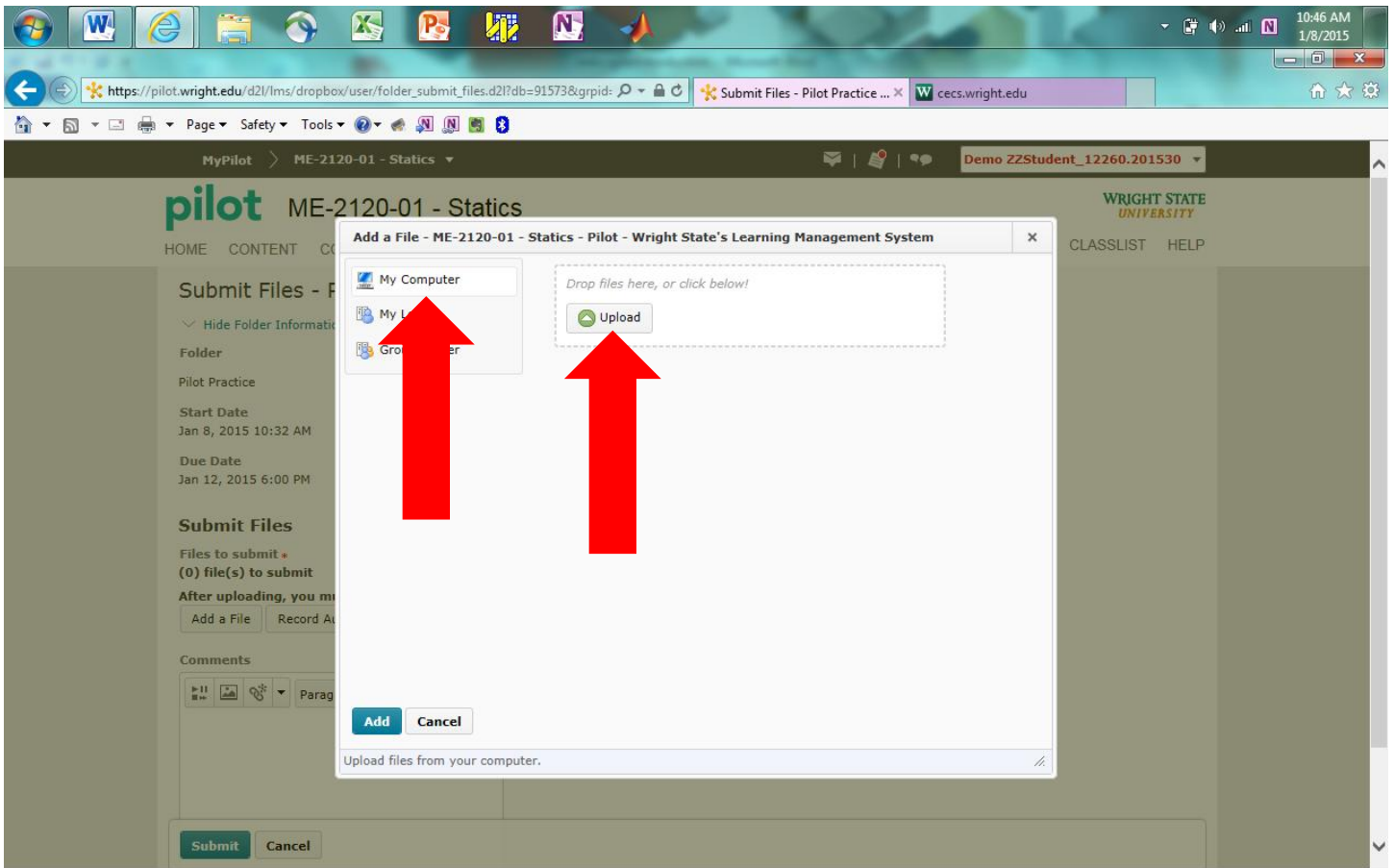
Files to submit *
(0) file(s) to submit

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

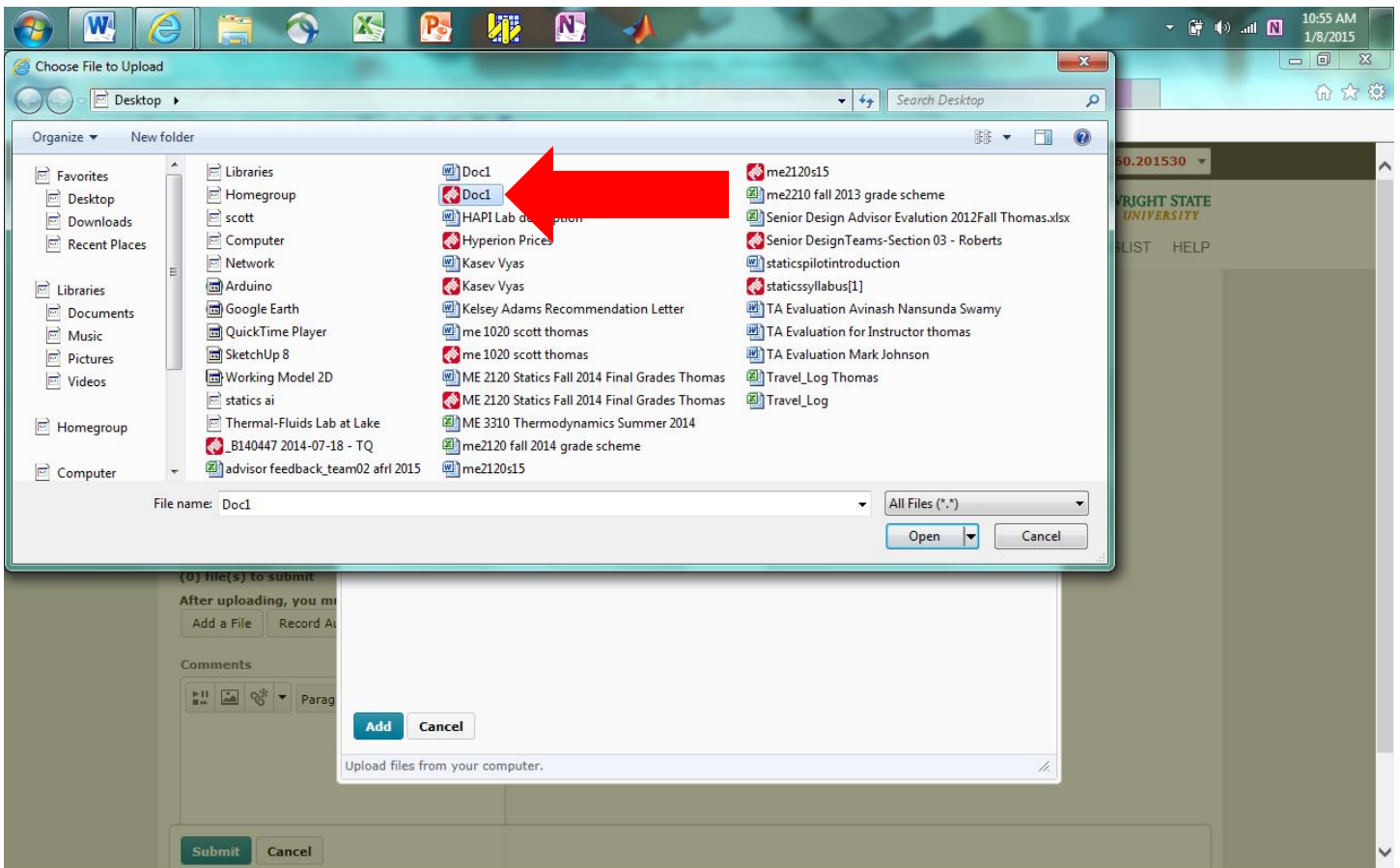
Add a File | Record Audio

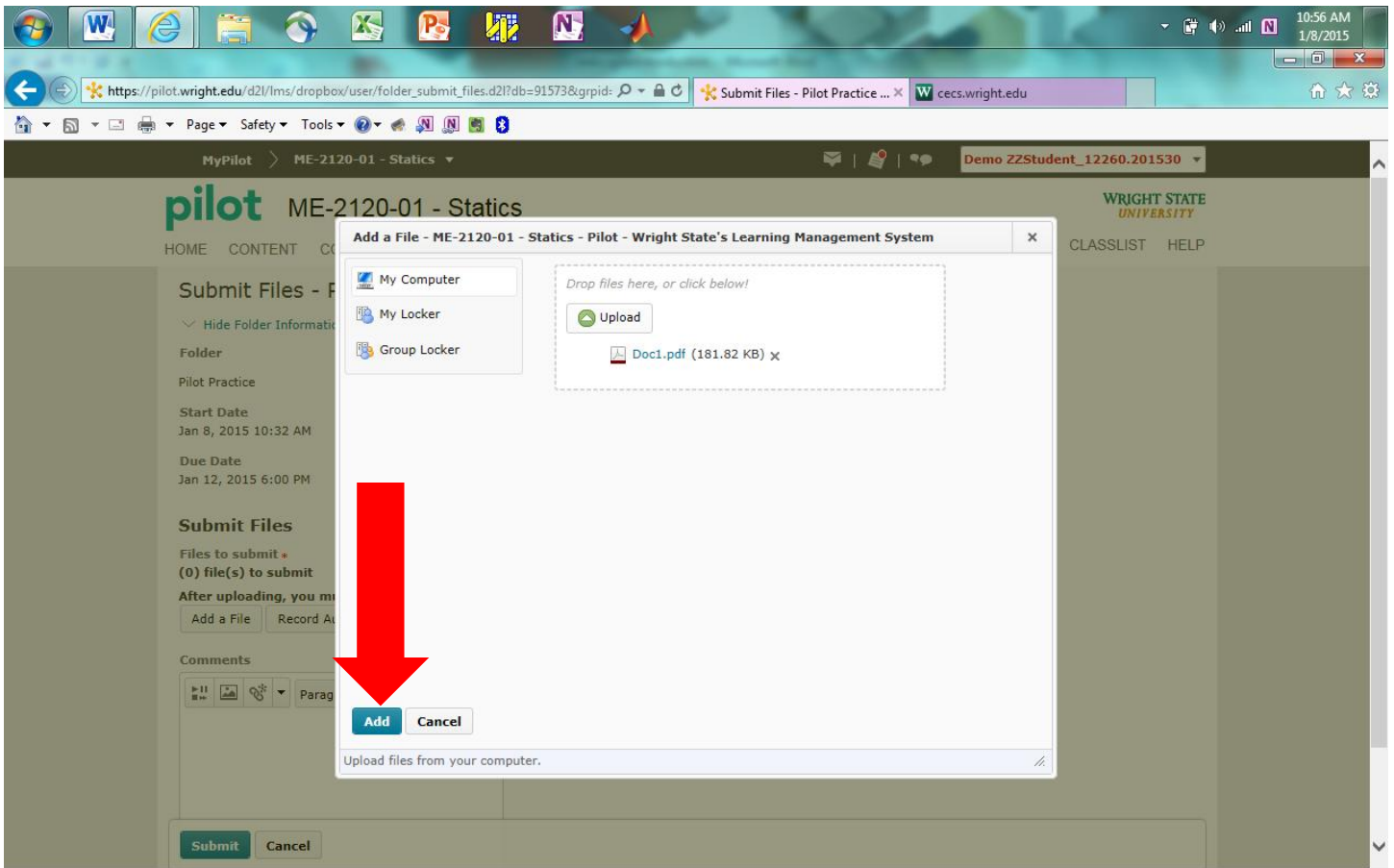
Comments

Submit | Cancel

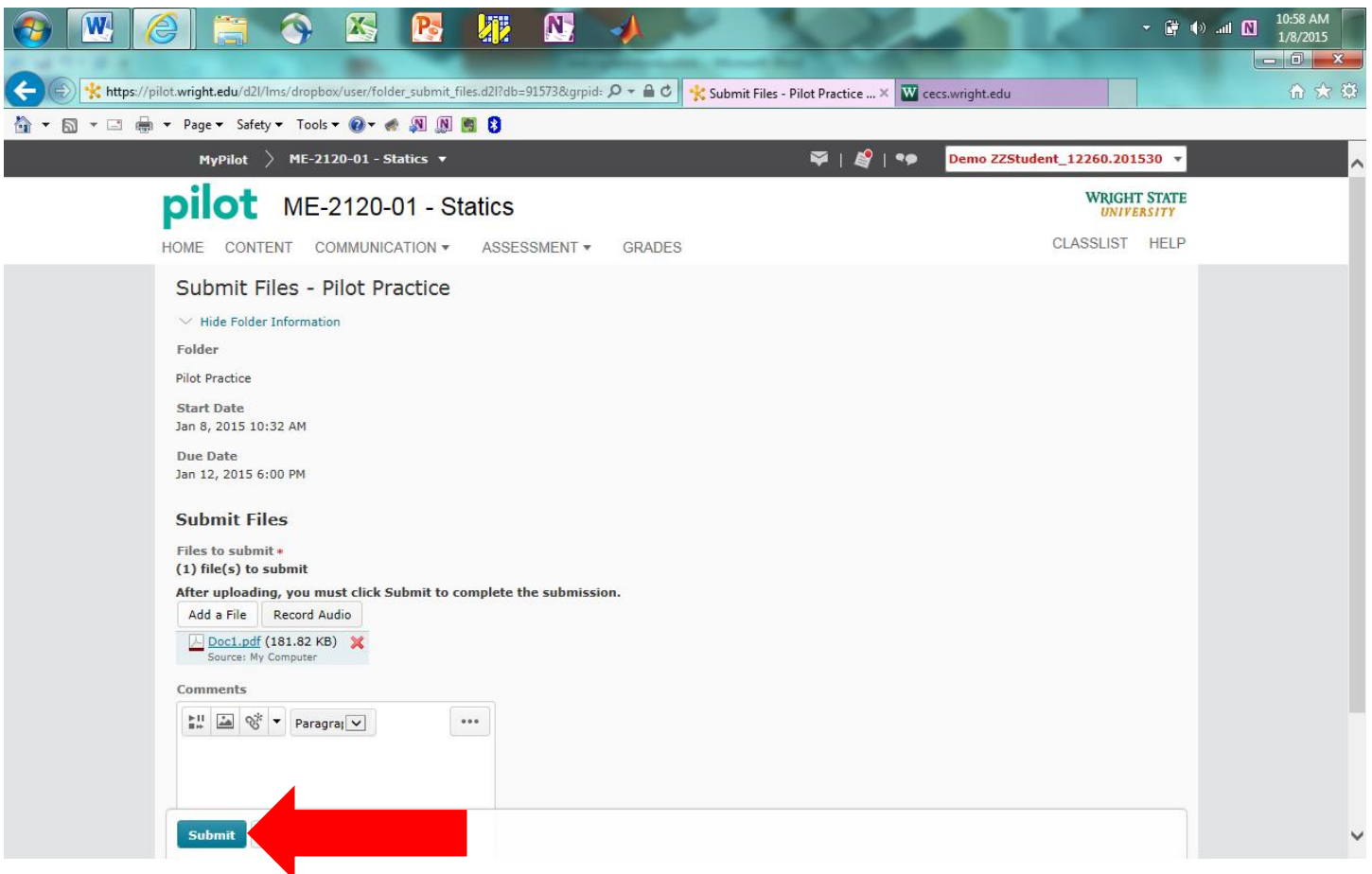


Double-click the file to select it, and then press the **Add** button to upload it to the **Pilot Practice Dropbox**.





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



https://pilot.wright.edu/d2l/lms/dropbox/user/folder_submit_files_results.d2l?ou=284221

File Upload Results - ME-2120-01 - Statics

MyPilot > ME-2120-01 - Statics

WRIGHT STATE UNIVERSITY

HOME CONTENT COMMUNICATION ASSESSMENT GRADES CLASSLIST HELP

File Upload Results

File submission successful

Uploaded By
Demo ZZStudent_12260.201530

Folder
Pilot Practice

Instructions

Submitted Files
Doc1.pdf (181.82 KB)

Comments

Submission Date
Jan 8, 2015 10:58 AM

Total File Size
181.82 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**.

https://pilot.wright.edu/d2l/lms/dropbox/user/folders_list.d2l?isprv=False&bp=0&ou=2

Dropbox Folders - ME-2120-01 - Statics

MyPilot > ME-2120-01 - Statics

WRIGHT STATE UNIVERSITY

HOME CONTENT COMMUNICATION ASSESSMENT GRADES CLASSLIST HELP

Dropbox Folders

View History

Page: 1 of 2 per page

Folder	Score	Submissions	Feedback	Due Date
Pilot Practice				
Pilot Practice	- / -	1	-	Jan 12, 2015 6:00 PM
Homeworks				
Homework 01 Opens Jan 12, 2015 4:40 PM	- / 70	-	-	Jan 14, 2015 4:40 PM
Homework 02 Opens Jan 12, 2015 4:40 PM	- / 50	-	-	Jan 28, 2015 4:40 PM
Homework 03 Opens Jan 12, 2015 4:40 PM	- / 70	-	-	Feb 9, 2015 4:40 PM
Homework 04 Opens Jan 12, 2015 4:40 PM	- / 100	-	-	Feb 23, 2015 4:40 PM
Homework 05 Opens Jan 12, 2015 4:40 PM	- / 60	-	-	Mar 9, 2015 4:40 PM
Homework 06a Opens Jan 12, 2015 4:40 PM	- / 70	-	-	Mar 16, 2015 4:40 PM

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

The screenshot shows the 'Dropbox Folders' page in the pilot LMS. The page title is 'ME-2120-01 - Statics'. The breadcrumb trail is 'MyPilot > ME-2120-01 - Statics'. The user is logged in as 'Demo ZZStudent_12260.201530'. The page has a navigation menu with 'HOME', 'CONTENT', 'COMMUNICATION', 'ASSESSMENT', 'GRADES', 'CLASSLIST', and 'HELP'. The main content area is titled 'Dropbox Folders' and includes a 'View History' button. Below this is a table with columns: Folder, Score, Submissions, Feedback, and Due Date. The table lists several folders, including 'Pilot Practice' and 'Homeworks'. A red arrow points to the 'View' link in the Feedback column of the 'Pilot Practice' row.

Folder	Score	Submissions	Feedback	Due Date
Pilot Practice				
Pilot Practice			View	Jan 12, 2015 6:00 PM
Homeworks				
Homework 01 Opens Jan 12, 2015 4:40 PM	- / 70	-	-	Jan 14, 2015 4:40 PM
Homework 02 Opens Jan 12, 2015 4:40 PM	- / 50	-	-	Jan 28, 2015 4:40 PM
Homework 03 Opens Jan 12, 2015 4:40 PM	- / 70	-	-	Feb 9, 2015 4:40 PM
Homework 04 Opens Jan 12, 2015 4:40 PM	- / 100	-	-	Feb 23, 2015 4:40 PM
Homework 05 Opens Jan 12, 2015 4:40 PM	- / 60	-	-	Mar 9, 2015 4:40 PM
Homework 06a Opens Jan 12, 2015 4:40 PM	- / 70	-	-	Mar 16, 2015 4:40 PM

The screenshot shows the 'View Feedback' page in the pilot LMS. The page title is 'ME-2120-01 - Statics'. The breadcrumb trail is 'MyPilot > ME-2120-01 - Statics'. The user is logged in as 'Demo ZZStudent_12260.201530'. The page has a navigation menu with 'HOME', 'CONTENT', 'COMMUNICATION', 'ASSESSMENT', 'GRADES', 'CLASSLIST', and 'HELP'. The main content area is titled 'View Feedback' and includes a 'User Submissions' section. The 'User Submissions' section shows the folder 'Pilot Practice' and a submitted file 'Doc1.pdf (181.82 KB)' with a 'Date Submitted' of 'Jan 8, 2015 10:58 AM'. Below this is a 'Feedback' section with a 'Feedback Date' of 'Jan 8, 2015 11:04 AM' and a 'Dropbox Feedback' section containing the text: 'Please correct your Working Model Program and resubmit for full credit prior to the deadline.' A red arrow points to this feedback text.

View Feedback

User Submissions

Folder
Pilot Practice

Submitted Files

Submitted Files	Date Submitted
Doc1.pdf (181.82 KB)	Jan 8, 2015 10:58 AM

Feedback

Feedback Date
Jan 8, 2015 11:04 AM

Dropbox Feedback

Please correct your Working Model Program and resubmit for full credit prior to the deadline.

[Done](#)