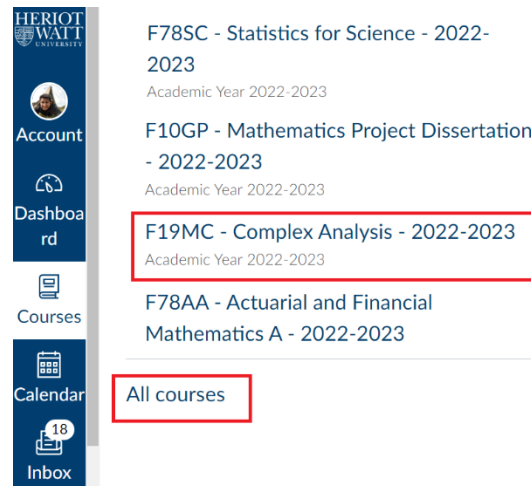


Checking Exam Scripts on Gradescope

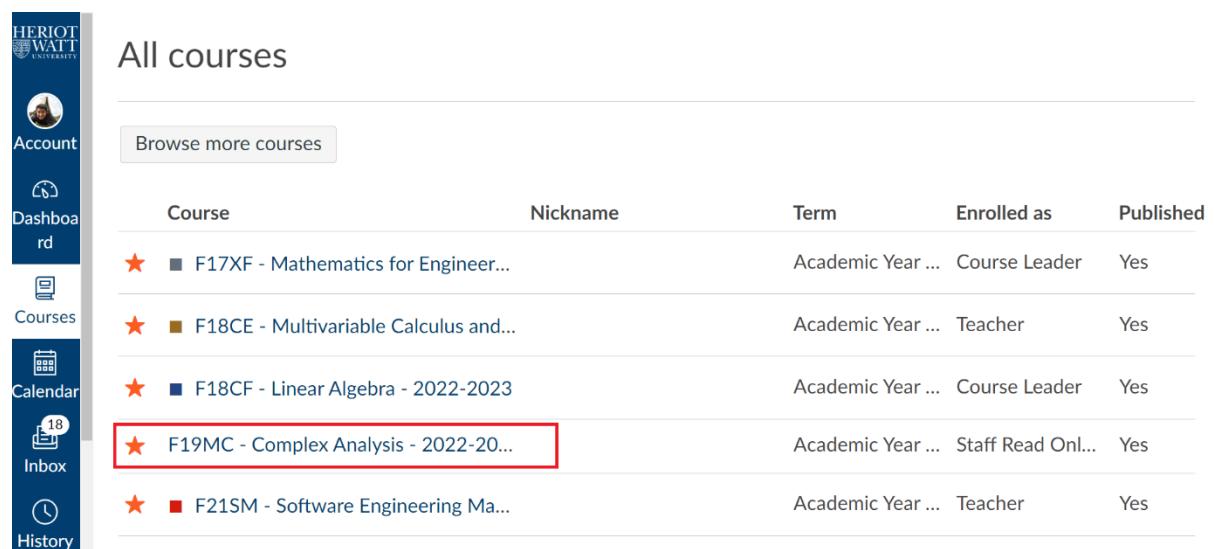
Accessing Gradescope in Canvas

Log in to Canvas. Select **Courses** in the leftmost blue ribbon menu.



You will see courses where you are currently enrolled. Look for the course corresponding to the exam you are looking for the current academic year. E.g., **F19MC – Complex Analysis – 2022-2023**. (The naming convention is Course Code – Course Name – Academic Year.)

Note: If you do not see the corresponding course, scroll down and click on **All courses** to find the list of all present and past courses you are enrolled in, and click on the corresponding course.



On the course page, select **Gradescope** in the menu on the left:

HERIOT WATT UNIVERSITY

F19MC > Modules

Academic Year 2022-...

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Recent announcements

- Practice Exam - now available**
Dear All,I have now published a full practice exam with solutions in the module...
Posted on: 29 Mar 2023, 16:38
- Midterm 2 marks published**
Dear All,We have now published the Midterm 2 marks. Please let us know if yo...
Posted on: 17 Mar 2023, 21:57
- Activities in Week 9**
Dear All,I have received queries about this just now, hence this (last minute) me...
Posted on: 14 Mar 2023, 11:29

Collapse all View progress Export Course Content

Homepage

- Welcome to Complex Analysis
- Assessment information

Once the Gradescope window is open, click on the name of the exam. E.g., **F19MC - Exam Marking**

F19MC > Gradescope

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gradescope

F19MC-AY22-...
Complex Analysis - Lyonell Boulton

Dashboard

Assignments

Roster

Extensions

Course Settings

F19MC-AY22-23 Winter 2023
Course ID: 3697

Description
Complex Analysis - Lyonell Boulton

Things To Do
Review and publish grades for F19MC - Exam Marking now that you're all done grading.

Active Assignments	Released	Due (BST)	Submissions	% Graded	Published	Regrades
F19MC - Exam Marking	May 01	53	100%	ON		

Reviewing Scripts in Gradescope

To access the scripts, click on **Review Grades** (if you haven't already been taken directly to this screen).

IMPORTANT: Please make sure to only click on **Review Grades** and not on any of the other options above, as **Review Grades** displays the scripts in read-only mode, and marks/comments/etc. cannot be altered.

You can now scroll down and click on any student's name to access their script:

Note: The screenshot below has been modified to anonymise student names

≡ F19MC > Gradescope

Academic Year 2022-...

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gradescope by turner

< Back to F19MC-AY22-23

F19MC - Exam Marking

- ✓ Edit Outline
- ✓ Create Rubric
- ✓ Manage Scans
- ✓ Manage Submissions
- ✓ Grade Submissions
- Review Grades**
- Ⓢ Regrade Requests
- 📊 Statistics

Minimum	Median	Maximum	Mean	Std Dev
0.0	39.0	70.0	37.98	20.94

60 Students

Search

First & Last Name	Email	Sections	Score/70.0	Graded?	Viewed?	Time (BST)
Student Name	email	8924 S2 Edinburgh UG	64.0	✓	--	May 01 at 4:20PM
Student Name	email	8924 S2 Edinburgh UG	49.0	✓	--	May 01 at 4:20PM
Student Name	email	8924 S2 Edinburgh UG	57.0	✓	--	May 01 at 4:20PM
Student Name	email	8924 S2 Edinburgh UG	24.0	✓	--	May 01 at 4:20PM
Student Name	email	8924 S2 Edinburgh UG	2.0	✓	--	May 01 at 4:20PM

Once the script is displayed, you will see the marks for each question/problem on the right. To see the comments on the scripts and the details of the marks for a given question/problem, click on the corresponding question/problem on the rightmost column. E.g., Q4

gradescope by turner

< Back to F19MC-AY22-23

F19MC - Exam Marking

- ✓ Edit Outline
- ✓ Create Rubric
- ✓ Manage Scans
- ✓ Manage Submissions
- ✓ Grade Submissions
- Review Grades**
- Ⓢ Regrade Requests
- 📊 Statistics

000041 0002

HERIOT-WATT UNIVERSITY

EXAMINATION REGULATIONS

- The attention of candidates is drawn to the regulations governing examinations which are available on the University website: www.hw.ac.uk/examinations/examinations.pdf and on the notice boards throughout the university.
- A candidate shall not bring written, printed or any other material into the examination venue except such as may be authorised by the examiners. Bags and personal belongings shall be deposited in an area designated by an invigilator/examination officer.
- A candidate shall not communicate with, receive assistance from or copy from the paper of another candidate whilst present in the examination venue.
- A candidate shall not leave the examination venue less than an hour after the start of the examination, except with the permission of the invigilator and shall not leave the examination venue during the last thirty minutes of an examination.
- At the end of the examination candidates must follow the instructions given by invigilators for the return of their answer books or books along with any other materials on which they have written or drawn during the examination. Under no circumstances should a candidate remove an answer book, used or unused, from the examination venue.

F19MC - Exam Marking

● Graded

Student
Ana Mair

Total Points
49 / 70 pts

Question 1
Q1 6 / 6 pts

Question 2
Q2 3 / 8 pts

Question 3
Q3 9 / 10 pts

Question 4
Q4 11 / 14 pts

Question 5
Q5 10 / 10 pts

Question 6
Q6 10 / 22 pts

Question 7
Extra Space 0 / 0 pts

Q4 Start your solution to Question 4 below

Cauchy Riemann Equations:

$$u(x, y) = x^2 - y^2 + 2x$$

$$\frac{\partial u}{\partial x}(x, y) = 2x + 2 = \frac{\partial v}{\partial y}(x, y)$$

$$\frac{\partial u}{\partial y}(x, y) = -2y = -\frac{\partial v}{\partial x}(x, y)$$

$$\frac{\partial v}{\partial y}(x, y) = 2x + 2 \quad \frac{\partial v}{\partial x}(x, y) = 2y$$

$$v(x, y) = \int 2x + 2 \, dy + h(x) = 2xy + 2y + h(x)$$

$$v(x, y) = \int 2y \, dx + b(y) = 2xy + b(y)$$

$$h(x) = 0 \quad b(y) = 2y$$

$$v(x, y) = 2xy + 2y$$

$$f(z) = u(x, y) + i v(x, y) = x^2 - y^2 + 2x + i(2xy + 2y)$$

Mistake in derivation or too few details expression

Missing c

Hide Text

+0 pts Fully incorrect or missing answer

+14 pts Fully correct answer

Cauchy-Riemann Equations

+1 pt Realising we need the Cauchy-Riemann equations

+2 pts Correct formula for the general Cauchy-Riemann equations.

+3 pts $\frac{\partial u}{\partial y} = 2x + 2$ and $\frac{\partial v}{\partial x} = 2y$.

-1 pts Mistake in expression $\frac{\partial v}{\partial y} = 2x + 2$ and $\frac{\partial v}{\partial x} = 2y$.

Expression $v(x, y)$

+3 pts $v(x, y) = 2xy + 2y + c$

+2 pts Derivation expression $v(x, y)$, possibly using $v(x, y) = (2x + 2)y + a(x) = 2xy + b(y)$ or analogous expressions.

-1 pts Mistake in derivation or too few details expression $v(x, y)$

1 Annotation

Final expression $f(z)$

+1 pt $f(x, y) = (x^2 - y^2 + 2x) + i(2y + 1) + c$ or $f(z) = z^2 + 2z + c$

You can use the keyboard arrow keys (or click the arrows displayed on the page) to browse through the script's pages. When you select a question number, the script will jump to the start page for that question, and you will only see the comments/annotations corresponding to the question/problem you selected.

F190C - April/May 2023 Exam

Q4 Start your solution to Question 4 below

000041 0015

$u(x, y) = x^2 - y^2 + 2x$
 $\frac{\partial u}{\partial x}(x, y) = 2x + 2 = \frac{\partial v}{\partial y}(x, y)$
 $\frac{\partial u}{\partial y}(x, y) = -2y = -\frac{\partial v}{\partial x}(x, y)$

$\frac{\partial v}{\partial x}(x, y) = 2x + 2$ $\frac{\partial v}{\partial y}(x, y) = 2y$

$v(x, y) = \int (2x + 2) dy + A(x) = 2xy + 2y + A(x)$
 $A(x) = 0 \implies B(y) = 2y$

$v(x, y) = 2xy + 2y$
 $f(z) = u(x, y) + i v(x, y)$
 $= x^2 - y^2 + 2x + i(2xy + 2y)$

⚠ Mistake in derivation or too few details expression $v(x, y)$

Missing c

>

Cauchy-Riemann Equations
+ 1 pt Realising we need the Cauchy-Riemann equations
+ 2 pts Correct formula for the general Cauchy-Riemann equations.
+ 3 pts $\frac{\partial u}{\partial y} = 2x + 2$ and $\frac{\partial v}{\partial x} = 2y$.
- 1 pts Mistake in expression $\frac{\partial v}{\partial y} = 2x + 2$ and $\frac{\partial v}{\partial x} = 2y$.

Expression $v(x, y)$
+ 3 pts $v(x, y) = 2xy + 2y + c$
+ 2 pts Derivation expression $v(x, y)$, possibly using $v(x, y) = (2x + 2)y + a(x) = 2yx + b(y)$ or analogous expressions.
- 1 pts Mistake in derivation or too few details expression $v(x, y)$
 1 Annotation

Final expression $f(z)$
+ 1 pt $f(x, y) = (x^2 - y^2 + 2x) + i(2y + 2x) + c$ or $f(z) = z^2 + 2z + c$

All Pages

Page 15 of 30

To navigate to a different question/problem, click the corresponding question number displayed on the rightmost column. E.g., **Q1**, **Q2**, or **Q3**

The screenshot shows a handwritten solution for Question 4, which asks to start the solution to Question 4 below. The solution involves finding the Cauchy-Riemann equations for a function $u(x, y) = x^2 - y^2 + 2x$. The partial derivatives are calculated as follows:

$$\frac{\partial u}{\partial x}(x, y) = 2x + 2 = \frac{\partial v}{\partial y}(x, y)$$

$$\frac{\partial u}{\partial y}(x, y) = -2y = -\frac{\partial v}{\partial x}(x, y)$$

The solution then integrates these equations to find $v(x, y)$. The final expression for $v(x, y)$ is $v(x, y) = 2xy + 2y + c$. The sidebar on the right shows the total points for each question: Q1 (6/6 pts), Q2 (3/8 pts), Q3 (9/10 pts), and Q4 (11/14 pts). The sidebar also includes a 'Hide Text' button and a 'Review Grades' button.

To go back to the menu to check a different script, click on the icon on the left of the script corresponding to **Review Grades**.

Note: If the menu collapses when opening scripts, hover your mouse over the icons to generate the infotips. It should be the sixth round one from the top.

This screenshot is similar to the previous one, but the 'Review Grades' button in the sidebar is highlighted with a red box. The handwritten solution for Question 4 is also visible, showing the same steps as before. The sidebar on the right shows the total points for each question: Q1 (6/6 pts), Q2 (3/8 pts), Q3 (9/10 pts), and Q4 (11/14 pts). The sidebar also includes a 'Hide Text' button and a 'Review Grades' button.