

Checking Exam Scripts on Gradescope

Accessing Gradescope in Canvas

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



The screenshot shows the left sidebar of the Canvas interface. The 'Courses' menu item is highlighted with a blue background and white text. Other menu items include 'Account', 'Dashboard', 'Calendar', and 'Inbox'. To the right of the sidebar, a list of courses is displayed. The courses shown are:

- F78SC - Statistics for Science - 2022-2023
Academic Year 2022-2023
- F10GP - Mathematics Project Dissertation - 2022-2023
Academic Year 2022-2023
- F19MC - Complex Analysis - 2022-2023**
Academic Year 2022-2023
- F78AA - Actuarial and Financial Mathematics A - 2022-2023

A red box highlights the course 'F19MC - Complex Analysis - 2022-2023'. Below the course list, a button labeled 'All courses' is also highlighted with a red box.

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.

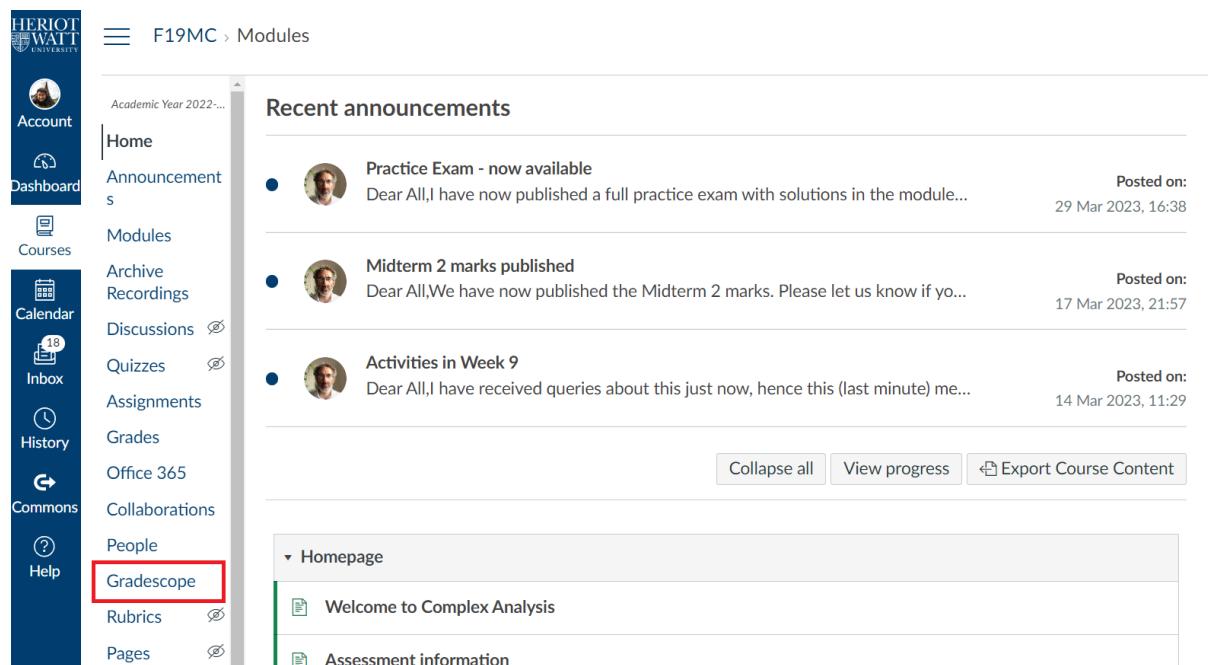


The screenshot shows the 'All courses' page in Canvas. The sidebar on the left is identical to the one in the previous screenshot, with 'Courses' selected. The main content area is titled 'All courses' and contains a table of courses. The table has columns for Course, Nickname, Term, Enrolled as, and Published. The courses listed are:

Course	Nickname	Term	Enrolled as	Published
★ ■ F17XF - Mathematics for Engineer...		Academic Year ...	Course Leader	Yes
★ ■ F18CE - Multivariable Calculus and...		Academic Year ...	Teacher	Yes
★ ■ F18CF - Linear Algebra - 2022-2023		Academic Year ...	Course Leader	Yes
★ ■ F19MC - Complex Analysis - 2022-20...		Academic Year ...	Staff Read Onl...	Yes
★ ■ F21SM - Software Engineering Ma...		Academic Year ...	Teacher	Yes

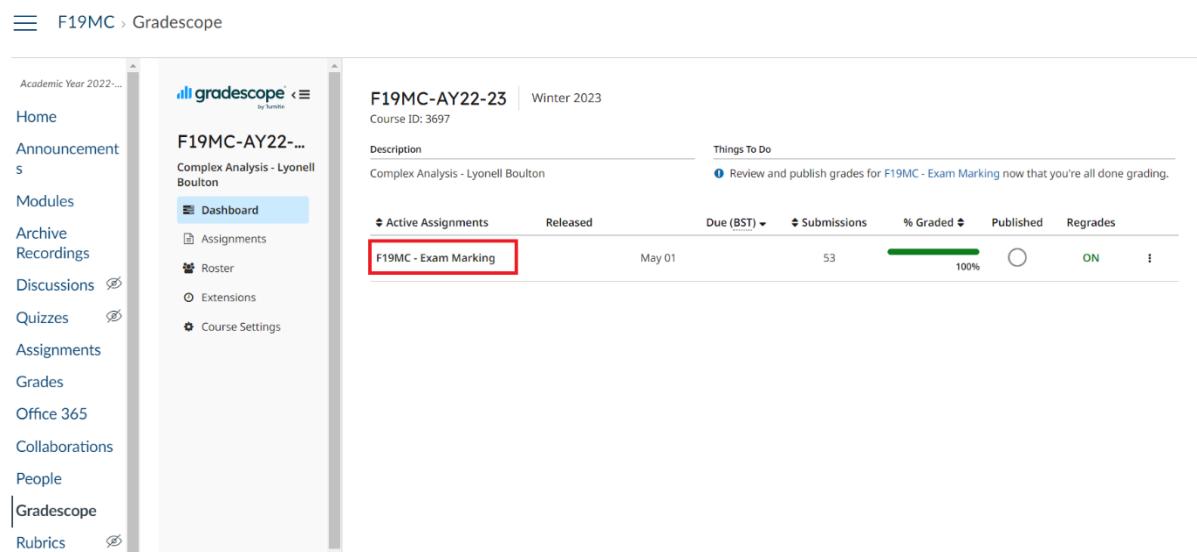
A red box highlights the course 'F19MC - Complex Analysis - 2022-20...'. The 'All courses' button at the top of the table is also highlighted with a red box.

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



The screenshot shows the course page for 'F19MC' with the 'Modules' section selected. The left sidebar contains a list of course links, including 'Gradescope', which is highlighted with a red box. The main content area displays 'Recent announcements' with three entries, and a 'Homepage' section with links to 'Welcome to Complex Analysis' and 'Assessment information'.

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



The screenshot shows the 'Gradescope' window for the 'F19MC-AY22-23' course. The 'Dashboard' is selected in the sidebar. The main area shows the 'F19MC - Exam Marking' assignment, which is highlighted with a red box. The assignment details include 'Complex Analysis - Lyonell Boulton' and a due date of 'May 01'. The status bar indicates '53' submissions and '100%' graded.

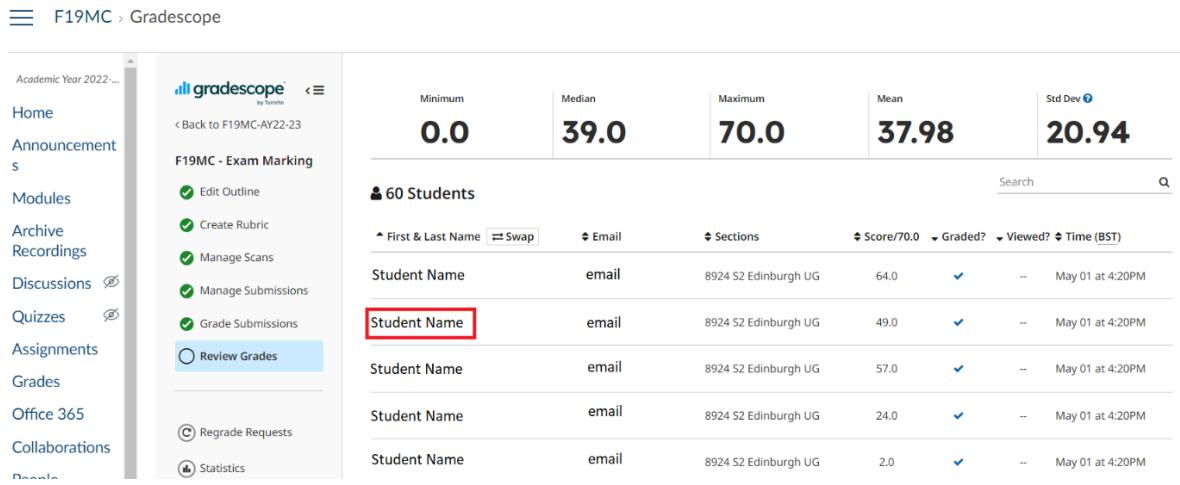
Reviewing Scripts in Gradescope

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:

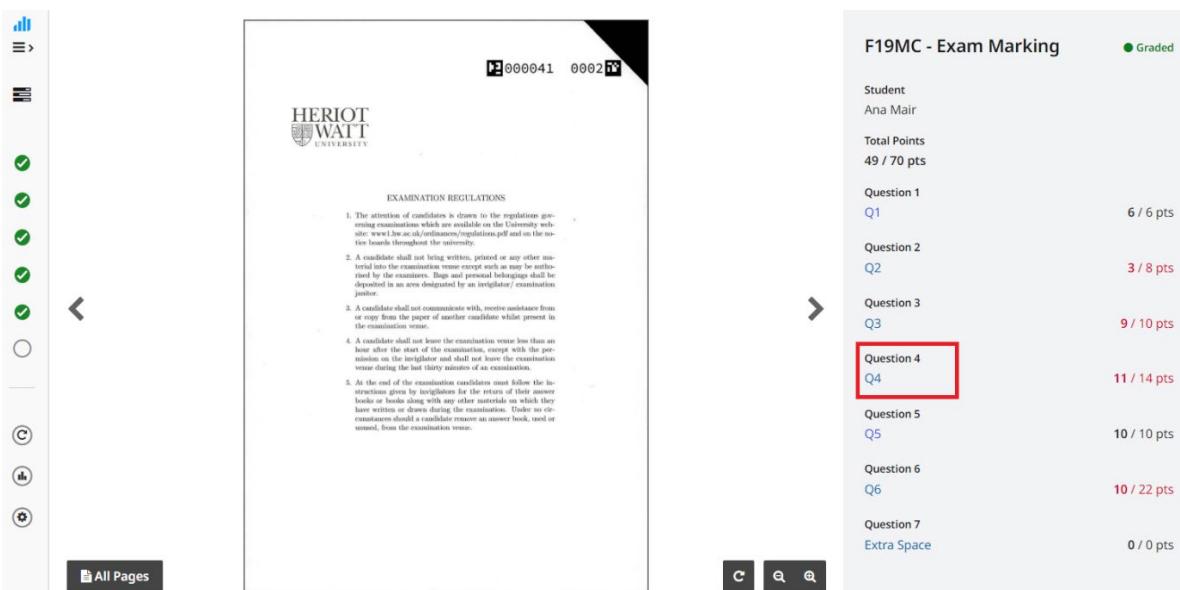
Note: The screenshot below has been modified to anonymise student names



The screenshot shows the Gradescope interface for the F19MC course. On the left, a sidebar lists various course sections and tools. The 'Review Grades' button is highlighted in blue. The main area displays a table of student scripts with columns for Student Name, Email, Score, and Grade. One student's name is highlighted with a red box.

Student Name	Email	Score	Grade
Student Name	email	49.0	✓
Student Name	email	57.0	✓
Student Name	email	24.0	✓
Student Name	email	2.0	✓

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**



The screenshot shows a student script and its marking details. The script page on the left shows examination regulations and a list of prohibited behaviors. The marking details on the right show the student's total points and individual question scores. The 'Q4' question is highlighted with a red box in both sections.

Question	Score
Q1	6 / 6 pts
Q2	3 / 8 pts
Q3	9 / 10 pts
Q4	11 / 14 pts
Q5	10 / 10 pts
Q6	10 / 22 pts
Extra Space	0 / 0 pts

You can now see the details of the marks for each sub-question the right, as well as the various comments appearing on the script.

The screenshot shows a digital marking interface for a student's handwritten script. The script is for Question 4 of the F19MC - April/May 2023 Exam. The student has written the following:

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

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

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

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

$$v(x,y) = \int 2x + 2 \, dx + A(x) \quad v(x,y) = \int 2y \, dy + B(y)$$

$$= 2xy + 2x + A(x) \quad = 2xy + B(y)$$

$$A(x) = 0 \quad B(y) = 2y$$

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

$$f(z) = u(x,y) + i v(x,y)$$

$$= x^2 - y^2 + 2x + i(2xy + 2y)$$

Annotations and comments:

- A yellow box highlights the expression $v(x,y)$ with the text "Mistake in derivation or too few details expression $v(x,y)$ Missing c".
- A blue box highlights the term $2xy + 2y$ with the text "Cauchy Riemann Equations".
- A red box highlights the term $\frac{\partial v}{\partial x}(x,y) = 2y$ with the text "Realising we need the Cauchy-Riemann equations".
- A red box highlights the term $\frac{\partial v}{\partial y}(x,y) = 2x + 2$ with the text "Correct formula for the general Cauchy-Riemann equations".
- A red box highlights the term $\frac{\partial v}{\partial x}(x,y) = 2y$ with the text "Mistake in expression $\frac{\partial v}{\partial x} = 2x + 2$ and $\frac{\partial v}{\partial x} = 2y$ ".
- A red box highlights the term $f(z) = (x^2 - y^2 + 2x) + i(2xy + 2y)$ with the text "Derivation expression $v(x,y)$, possibly using $v(x,y) = (2x + 2)y + a(x) = 2xy + b(y)$ or analogous expressions".
- A red box highlights the term $f(z) = (x^2 - y^2 + 2x) + i(2xy + 2y)$ with the text "Mistake in derivation or too few details expression $v(x,y)$ ".
- A red box highlights the term $f(z) = (x^2 - y^2 + 2x) + i(2xy + 2y)$ with the text "Final expression $f(z)$ ".

Feedback and marks:

- +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** $\frac{\partial v}{\partial y} = 2x + 2$ and $\frac{\partial v}{\partial x} = 2y$.
 - 1 pts** Mistake in expression $\frac{\partial v}{\partial x} = 2x + 2$ 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** $f(x,y) = (x^2 - y^2 + 2x) + i2y(x + 1) + c$ 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.

The screenshot shows the digital marking interface again, but this time the left arrow key is highlighted in red, indicating it can be used to navigate through the script's pages. The student's handwritten script and the feedback are identical to the previous screenshot.

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 digital exam interface for the FIMC - April/May 2023 Exam. The main area displays a handwritten solution for Question 4, which asks to start the solution to the Cauchy-Riemann Equations. The student has written the equations $u(x,y) = x^2 - y^2 + 2x$ and $\frac{\partial u}{\partial x}(x,y) = 2x + 2 = \frac{\partial v}{\partial y}(x,y)$, and has calculated $\frac{\partial u}{\partial y}(x,y) = -2y = -\frac{\partial v}{\partial x}(x,y)$. A note in a box says: "Mistake in denominator or too few details expression v(x,y) Missing c". The student has also written $\frac{\partial^2 u}{\partial x^2}(x,y) = 2$, $\frac{\partial^2 u}{\partial y^2}(x,y) = -2$, and $\frac{\partial^2 v}{\partial x^2}(x,y) = 0$, $\frac{\partial^2 v}{\partial y^2}(x,y) = 0$. The right side of the page shows a grading rubric for Question 4, which includes a box for "Cauchy-Riemann Equations" with points for realizing the need for them, the correct formula, and the mistake in the denominator. It also includes a box for "Expression v(x,y)" with points for the correct derivation and a note about using v(x,y) = (2x+2)y + a(x) = 2yx + b(y). The total points for Question 4 are 11/14.

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.

The screenshot shows a digital exam interface for the FIMC - April/May 2023 Exam. The main area displays a handwritten solution for Question 4, which asks to start the solution to the Cauchy-Riemann Equations. The student has written the equations $u(x,y) = x^2 - y^2 + 2x$ and $\frac{\partial u}{\partial x}(x,y) = 2x + 2 = \frac{\partial v}{\partial y}(x,y)$, and has calculated $\frac{\partial u}{\partial y}(x,y) = -2y = -\frac{\partial v}{\partial x}(x,y)$. A note in a box says: "Mistake in denominator or too few details expression v(x,y) Missing c". The right side of the page shows a grading rubric for Question 4, which includes a box for "Cauchy-Riemann Equations" with points for realizing the need for them, the correct formula, and the mistake in the denominator. It also includes a box for "Expression v(x,y)" with points for the correct derivation and a note about using v(x,y) = (2x+2)y + a(x) = 2yx + b(y) or analogous expressions. The total points for Question 4 are 14/14. The "Review Grades" icon is highlighted with a red box on the left side of the menu.