

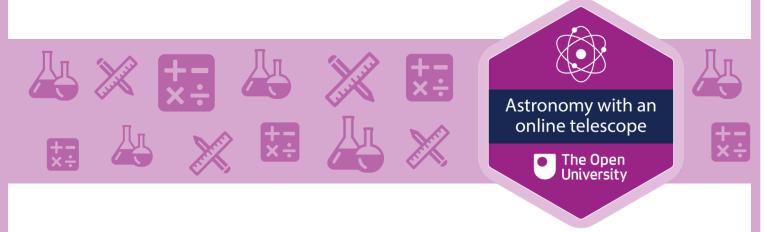
Statement of participation Olivier Hinds

has passed the free course including all mandatory tests for:

Astronomy with an online telescope

This free 24-hour course teaches how to navigate the night sky, and introduces the wide variety of objects it contains.

Issue date: 15 December 2023



www.open.edu/openlearn

This statement does not imply the award of credit points nor the conferment of a University Qualification. This statement confirms that this free course and all mandatory tests were passed by the learner.

OpenLearn Free learning from The Open University





Astronomy with an online telescope

https://www.open.edu/openlearn/science-maths-technology/astronomy/astronomy-online-telescope/content-section-overview

Course summary

This course shows you how to navigate the night sky, and introduces the wide variety of objects it contains. You will develop a hands-on understanding of telescopic observations using the Open University's own robotic telescope facility COAST sited on the island of Tenerife. This statement serves as proof of the successful completion of a course accredited by the CPD Standards Office. You have earned 24 CPD points through your participation in this course.

Learning outcomes

By completing this course, the learner should be able to:

- understand how the apparent motion of the night sky is caused by the rotation of the Earth and the movement of the Earth around the Sun
- understand how the human eye adapts to dark conditions and how to use your dark adapted vision to best observe the night sky
- have an understanding of the different types of telescopes specified and be able to use this knowledge to plan your own observations
- understand how the positions of celestial objects are specified and be able to use this knowledge to predict when a given object is visible in order to plan observations
- understand the processes by which stars shine and how they evolve and the causes of variability in stars.

Completed study

The learner has completed the following:

Week 1

Introduction and guidance
The night sky

Week 2

Telescopes and visual observing

Week 3

Stellar magnitudes

Week 4

Imaging Messier objects with COAST Compulsory badge quiz (score 99%)

Week 5

The Sun and the stars

Week 6

Classifying the stars

Week 7

Variable stars

Week 8

Building a light curve

Compulsory badge quiz (score 67%)