

Introducing Advanced Higher Physics

Advanced Higher is SQA's highest level of National Course. It is very demanding. Advanced Higher extends students' knowledge and skills beyond Higher. Students will face new academic and personal challenges, requiring them to develop their knowledge and abilities, and to think and work independently.

Advanced Higher Physics

This Course is made up of the following four mandatory Units:

D385 13	Mechanics (AH)	1 credit (40 hours)
D386 13	Electrical Phenomena (AH)	1 credit (40 hours)
D387 13	Wave Phenomena (AH)	0.5 credit (20 hours)
D388 13	Physics Investigation (AH)	0.5 credit (20 hours)

The Advanced Higher Physics Course is designed to articulate with and provide a progression from the Higher Physics Course. The Course will also provide those who wish to proceed beyond Advanced Higher Physics with a suitable base for further study.

The Course is based on the development of knowledge and understanding, problem solving and practical abilities. Candidates should acquire: deeper knowledge and understanding of the nature of physics and its applications; skill in applying their knowledge and understanding in a wide variety of theoretical and practical problem solving contexts; skills associated with experimental work and independent investigative inquiry. Positive attitudes, such as being self-reliant, open-minded and willing to recognise alternative points of view are promoted.

To gain an award in the Course, candidates must achieve all of the component Units of the Course as well as the Course assessment.

The component Units of the Course are internally assessed by the teacher/lecturer and this assessment is externally moderated. The external assessments are an exam of two hours 30 minutes' duration with a total allocation of 100 marks, and an investigation report of 25 marks.

Further Information

You can find the detailed Course Arrangements on the Physics page of SQA's website (www.sqa.org.uk). A specimen examination paper is also available on the website, together with other information and guidance.

Copies of past examination papers (for the last two years) can be purchased from SQA's Customer Contact Centre – tel 0845 279 1000. The Contact Centre can also send you our free leaflet *Introducing Advanced Higher* (publication code BD2803).