Unit 16: Astronomy and Space Science

Level: 3

Unit type: Internal

Guided learning hours: 60

Unit in brief

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Unit introduction

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Learning aims

In this unit you will:

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Assessment criteria

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| --- | --- | --- |
| Pass | Merit | Distinction |
| Learning aim C: Investigate the essential factors involved in space flight | | **C.D3** Evaluate the future of space flight and space exploration and research |
| **C.P5** Explain the main factors associated with achieving space flight for manned and un-manned exploration | **C.M3** Assess the main factors and benefits associated with achieving space flight for manned and un-manned exploration |
| Learning aim D: Understand the fundamental concepts outlined in astrophysics and cosmology | |
| **D.P6** Review the current knowledge and theories of star life cycles  **D.P7** Describe the evidence linked to theories of the evolution of the Universe | **D.M4** Explain the processes of star formation and evolution  **D.M5** Explain the evidence linked to theories of the evolution of the Universe related to observed phenomenon and its composition |

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