

Physics Matrix

Level 1	<p>AS90180 1.1 Carry out a practical physics investigation with direction</p> <p>4 credits Internal</p>	<p>AS90181 1.2 Process information to describe a use of physics knowledge with direction</p> <p>2 credits Internal</p>	<p>AS90182 1.3 Demonstrate understanding of wave and light behaviour</p> <p>5 credits External</p>	<p>AS90183 1.4 Demonstrate understanding of mechanics in one dimension</p> <p>5 credits External</p>	<p>AS90184 1.5 Demonstrate understanding of heat transfer and nuclear physics</p> <p>3 credits External</p>	<p>AS90185 1.6 Demonstrate understanding of electricity and magnetism</p> <p>5 credits External</p>	
Level 2	<p>AS90252 2.1 Take measurements of physical quantities and analyse data graphically to determine a relationship</p> <p>4 credits Internal</p>		<p>AS90254 2.3 Demonstrate understanding of waves</p> <p>4 credits External</p>	<p>AS90255 2.4 Demonstrate understanding of mechanics</p> <p>6 credits External</p>	<p>AS90256 2.5 Demonstrate understanding of atoms and radioactivity</p> <p>2 credits External</p>	<p>AS90257 2.6 Demonstrate understanding of electricity and electromagnetism</p> <p>5 credits External</p>	<p>AS90258 2.7 Demonstrate understanding of physics in an integrated context</p> <p>3 credits Internal</p>
Level 3	<p>AS90774 3.1 Carry out a practical physics investigation with guidance, that leads to a mathematical relationship</p> <p>5 credits Internal</p>		<p>AS90520 3.3 Demonstrate understanding of wave systems</p> <p>4 credits External</p>	<p>AS90521 3.4 Demonstrate understanding of mechanical systems</p> <p>6 credits External</p>	<p>AS90522 3.5 Demonstrate understanding of atoms, photons and nuclei</p> <p>3 credits External</p>	<p>AS90523 3.6 Demonstrate understanding of electrical systems</p> <p>6 credits External</p>	