

"Aston aims to enable the employer and individual to access choice and opportunity through education, guidance and support"



Engineering Advanced Apprenticeships

Engineering Advanced apprenticeships cover several categories:

- aerospace
- automotive
- metals
- electrical equipment
- electronics
- marine maintenance
- mechanical engineering

The sort of work you'll be doing will depend on your employer. Generally, engineering apprentices will learn to take on an operator role in a certain area of engineering. This could involve anything from assembling car engines to installing telecommunications systems. Most duties will involve the maintenance of equipment and machinery - as an electronics maintenance technician you'll be carrying out:

- planned and emergency fault diagnosis and maintenance
- testing and repairing electronic equipment and circuits
- testing and repairing communications equipment
- testing and repairing instrumentation and control equipment
- servicing equipment and carry out quality inspections

Apprenticeships are available for ALL of the trades below;

<ul style="list-style-type: none"> • aircraft systems fitter (manufacture) • aero engine fitter (manufacture) • aero engine fitter/tester • aircraft maintenance fitter • composite technician • airframe fitter (manufacture) • marine fabricator/welder • marine electrical fitter • marine pipe-fitter • marine engine fitter • marine mechanical • fitter • marine electronics technician • specialist welder (submarines) • marine machinist 	<ul style="list-style-type: none"> • marine carpenter • skilled machinist • tool-maker • metal forger • skilled sheet metal worker • skilled fitter • composite technician • pipe fitter and assembler • marine engineer • marine electrician • shipwright (boat builder) • marine painter • rigger/boat mover • marine fitting out carpenter • engineer • die caster • CAD draught person 	<ul style="list-style-type: none"> • marine electronics technician • mechanical maintenance technician • electronics maintenance technician • electrical maintenance technician • fluid power maintenance technician • lift services maintenance technician • plant and systems maintenance technician • sheet metal worker • plater / fabricator • welder • process engineer (casting) • mould and core maker • sand caster 	<ul style="list-style-type: none"> • measurement and control technician • quality control inspector • technical support engineer • metrology inspector • industrial electrician • electrical engineering technician • electrical design engineer • measurement and control technician • test technician • electronics technician • electronics assembly technician • electronics manufacture inspector • electronics manufacture technician • installation and commissioning technician 	<ul style="list-style-type: none"> • toolmaker (manufacture) • toolmaker (research and development) • motorsport technician (mechanical) • motorsport technician (electrical / electronic) • vehicle builder (commercial and passenger carrying vehicles) • vehicle development technician • vehicle test technician • engineering woodworker • engineering model maker • CNC/NC wood machinist • project leader (engineering) • project manager (engineering) • product support engineer • installation and commissioning technician (light equipment)
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