

ASTON UNIVERSITY ENGINEERING ACADEMY (AUEA)

Job Description

Job Title: Teacher of Mathematics

Accountable to: Director of Mathematics

Core Purpose:

You will have responsibility for the teaching of the subject of mathematics to reflect both AUEA and local and national priorities and which personalises learning for all students and ensures rigorous and continuous monitoring and evaluation of the effectiveness of students' outcomes. Your teaching will ensure that mathematics learning is exciting and engaging and delivered in partnership with Aston University and our significant industry partners so that our young people are motivated to strive for excellence.

Key Responsibilities:

Responsibility for raising the standards of all the students you teach in the subject of mathematics:

- To be responsible for the teaching of relevant teaching material within mathematics.
- To contribute to the ongoing development of appropriate syllabuses, materials and schemes of work.
- To be responsible for managing the resources in the teaching rooms to which you are deployed.
- To be a tutor, when assigned, and to be responsible for carrying out the duties as set down in the generic tutor job description.
- To be responsible for carrying out a fair share of supervisory duties and cover for absent colleagues.
- To be responsible for following Mathematics Curriculum Area and AUEA policy on matters such as lesson preparation, schemes of work, marking, record keeping and homework, and quality assurance.
- To be responsible for organising a disciplined working environment in which students can achieve their maximum potential.
- To participate in appropriate meetings as necessary within the Academy.

Responsibility for educational progress for all your students in the subject of mathematics:

- To be responsible for monitoring students progress in your mathematics groups through academic tracking and data analysis.
- To be responsible for reporting to and liaising with the Curriculum Area Leader for Mathematics, teaching/support staff, Aston University staff and students, industrial partners, and parents/carers.
- To ensure a culture and ethos of challenge and support in your teaching where all students can achieve success and become engaged in their own learning.
- To demonstrate and articulate high expectations and set stretching targets in mathematics.

Additional responsibilities:

- To attend appropriate INSET to enhance subject knowledge, awareness of curriculum developments, classroom management skills etc, and whenever appropriate, share new knowledge and experiences with colleagues.
- To contribute to the enrichment curriculum.