

FUTURE JOB ROLES



PRODUCTION

AUTOMOTIVE ENGINEER IN TOOL AND DIE PRODUCTION AND MAINTENANCE



Dies are essential elements on the process of making the body and the chassis of a vehicle. There is a clear need to develop a job role that designs and build dies for the automotive industry.



An Automotive Engineer in Tool and Die Production and Maintenance is responsible for making precision tools (jigs, molds and dies), special guides and holding devices, which are then used in the manufacturing process to make products.



An Automotive toolmaker makes the parts used on a car assembly line. To produce a die, the Automotive toolmaker will use 2D and 3D computer aided design and manufacturing software (CAD/CAM) to design it, and will use machinery (such as lathes, presses, milling machines and grinders) to produce it. A toolmaker's job doesn't stop once they've produced the tools though; they will then monitor these tools to identify, and implement, any necessary modification or repairs.

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