

TRANSPORT PLANNER (ST0698)

Transport Planners design and develop transport and travel systems, which are safe to operate, environmentally sustainable, and take into account access needs for everyone. Transport planners apply advanced theoretical knowledge and methods of transport planning, analyse and interpret complex interconnected data, utilise transport modelling and appraisal techniques, determine the key outputs from proposed plans, how they meet customer specifications and fulfil local and national policies, and evaluate the impact of possible transport solutions.

Core duties involve:

- **Transport planning** – Creating, planning, coordinating and delivering transport planning projects, processes or policies. Transport Planners provide and review highly complex technical input, provide advice and guidance, identify challenges, adapt and refine their approach to solving transport challenges.
- **Data management** – Leading the collection, analysis and interpretation of complex transport planning information and data to support the development of transport solutions.
- **Modeling and forecasting** – Building appropriate transport models capable of providing forecasts and input to operational, environmental and economic appraisal of transport solutions.
- **Assessing solutions** – Developing, refining and applying appraisal methods to evaluate and monitor the impact and effectiveness of transport planning solutions.
- **Integrating new technology** – Improving the management of our transport systems using intelligent mobility and change people's attitudes to travel, for example, through Smart Vehicle and Travel schemes.
- **Connecting** – Connecting transport with land use planning to support economic growth, protect the environment and support social cohesion through consideration of security, safety and inclusion.

Key elements include:

- Working independently and as a member of a team, being responsible for leading smaller projects, playing a key role in a larger programmes, managing their own work with a high level of autonomy, and reviewing technical input from others.
- Contributing to the preliminary and detailed design, development, and operational appraisal of safe and sustainable transport solutions.
- Preparing, producing, reviewing and presenting documents and recommendations to support the delivery of transport solutions.
- Communicating, liaising and influencing others, including leading and evaluating community/ stakeholder engagement and public consultations.
- Ensuring safe systems of work are applied, hazards and risks are identified and mitigated in their own work and demonstrate compliance with industry standards, and with health, safety and environmental regulations
- Using quality management and assurance systems to proactively operate effectively within organisational, financial and resource constraints.
- Complying with policy and regulatory requirements, whilst maintaining high levels of professional conduct, ethical behaviour and integrity.
- Carrying out and maintaining competence in line with professional codes of conduct, and provide professional guidance and support to colleagues, clients, and other stakeholders.

Approved training providers:



Supported by:



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Training programme:

- 50 to 54 month training programme.
- Entry with good A Levels (Maths preferred) or completion of the level 3 transport planning technician apprenticeship.
- Minimum 20% off the job training including completion of:
 - a mandatory BSc(Hons) Transport Planning mandatory.
 - portfolio of evidence prior to EPA.
 - Maths and English level 2 qualifications.
- Development of competence on the job via the TPS Professional Development Scheme (PDS) supported by on the job mentors.

Seven month EPA:

- Mandatory seven month integrated End Point Assessment (EPA) to complete apprenticeship.
- University awards final credits to degree qualification as final assessment.
- EPA Gateway requires successful completion of training programme (300 credits) and professional portfolio.
- EPA includes:
 - Technical work-based Project set by EPA organisation (university).
 - Professional Interview underpinned by portfolio
- Grades: distinction/pass/fail.
- Aligned to TPS Professional Development Scheme (PDS).

Funding band assigned: £23,000.

Additional costs:

- Providers may charge employers above the funding band
- Professional membership (CIHT or TPS) and Engineering Council registration fees (optional).

Approved: June 2019.

Employers involved: Aecom, Arup, Atkins, Capita, Curtins, i-Transport, ITP, Jacobs, Leeds City Council, Leicestershire County Council, Mott MacDonald,

Peter Brett, SAJ Transport Planning Consultants, Stantec (Chair)*, Suffolk County Council, Systra, The Transportation Consultancy, Transport for Greater Manchester (TFGM), Transport for London (TFL), Transport for the North, Wakefield County Council, West Yorkshire Combined Authority, Wood, WSP, Via Solutions.

Others involved: Chartered Institution of Highways and Transportation (CIHT), Pearson, Transport Planning Society (TPS), Royal Town Planning Institute (RTPI), PTRC, Leeds College of Building, Vision: West Notts College, Aston University, University of the West of England (UWE).

*advised EPA organisations

Technical Apprenticeship Consortium (TAC)

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