



JOB of the Week



Job name: Cartographer

Job description: Cartographers collect information about the geography of an area to design and produce maps, charts and plans.

Tasks you will undertake in the job: As a Cartographer you'll:

- use desktop publishing and specialist computer software
- design digital or paper based maps
- check maps and charts are accurate and to scale
- edit maps by adding or removing new roads, structures or landmarks
- collect and analyse data from remote sensors on satellites and planes
- use GIS to model and analyse landscape features
- plot the heights and positions of geographical features from photographs
- carry out surveys of the land, sea or coastal areas

Career Progression

With experience you could become a senior cartographer and manage mapping projects and staff.

If you specialise in working with GIS, you could apply for Chartered Geographer (GIS) status.

You could also work on a freelance basis as a consultant.



Skills required for this job (core competencies):

Communication	Resilience	Organisation	Teamwork
Problem Solving	Initiative	Creativity	Digital literacy

Career tips and ideas for Cartographers:

<https://www.prospects.ac.uk/job-profiles/cartographer>

<https://www.utmconsultants.com/news/career-guide-cartographer/41048/>

<https://www.youtube.com/watch?v=sbGs8WUPE1Q&scrybrkr=e1bf2664>

Salary: Cartographers are typically paid a starting wage of £18 000, this increases with experience; experienced Cartographers can expect to earn approximately £45 000 p.a.



Working hours: Working hours are usually around 39-41 hours per week; It is likely that you will work during some evenings (this would be occasional)

Qualifications to become a Cartographer:

You can get into this job through: a university course; an apprenticeship; working towards this role or the armed forces

University: You can take a degree in Geography; Geographical information systems (GIS); Land surveying; Earth Sciences or Oceanography

Employers may also accept degrees in other subjects like computer science, software engineering or graphic design. A postgraduate qualification may help you to find work in a specialist field of cartography like GIS.

Entry requirements: 2 to 3 A levels, or equivalent, for a degree or a degree in a relevant subject for postgraduate study

Apprenticeship: The following apprenticeships may be relevant to this role: Geospatial and mapping science specialist degree apprenticeship or Geospatial survey technician advanced apprenticeship. Entry requirements: 5 GCSEs at grades 9 to 4 (A* to C), or equivalent, including English and maths, for an advanced apprenticeship or 4 or 5 GCSEs at grades 9 to 4 (A* to C) and A levels, or equivalent, for a higher or degree apprenticeship

Work: You may be able to get into this job by starting as a trainee cartographic technician and working your way up. Employers may expect you to have completed: an apprenticeship in Geospatial surveying - A levels in geography, art and design, mathematics or computing or a relevant level 3 course

Other Routes: If you want to work as a cartographer in the armed forces, you can apply to become a Geographic technician with the Army or the join the Royal Air Force an Air Cartographer.

Essential skills you need to show: To succeed as a Cartographer, the following personal skills and attributes would give you an advantage:

- knowledge of geography; maths knowledge
- to be thorough and pay attention to detail; analytical thinking skills
- excellent written communication skills; design skills and knowledge
- the ability to work well with others
- concentration skills
- to be able to use a computer and the main software packages confidently

This job in the future: The workforce is projected to grow by 1%, creating 100 jobs; in the same period, 69.1% of the workforce is likely to retire, creating 30 300 job opportunities.

www.icould.com

www.successatschool.org

www.nationalcareers.service.gov.uk

www.prospects.ac.uk/jobs-and-work-experience/job-sectors

www.ucas.com/careers-advice

www.kudos/casaid.co.uk/#/ (you all have a log on for this service)

www.careersbox.co.uk (careers videos)

Helpful sites for careers information
GAT careers links

<http://airhead.io/public/launchpads/XqbuOMJgb00fqvMPCykZA>



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