
Vacancy: Optical design engineer.

ASE Optics Europe is an innovative and dynamic company based in the vicinity of the vibrant city of Barcelona focused on the development of custom optics and integrated optical systems. We currently have an opening for an optical design engineer to complement our existing team. The successful candidate will be involved in a great variety of projects cutting across fields as varied as medical, scientific or security with one common theme: light.

We are looking for an optical design engineer with interests in applied optical design in imaging and non-imaging systems to join our team. We are looking for a motivated individual to work in a multi-disciplinary team on our on-going and future projects. The candidate should hold a Master's degree in optics or optical engineering, or equivalent experience, and must demonstrate a solid knowledge of Zemax and/or Code V. Knowledge of CAD, image processing. Knowledge and experience in optics handling and assembly would also be a plus. The selected candidate will benefit from growing with a team with senior optical engineers and expected to have a high level of independence and initiative.

Responsibilities:

- Optical design to end specifications of MTF, PSF, NA, colour...
- Brainstorming sessions on e.g., feasibility of in-coming projects and R&D projects
- Collaboration with mechanical engineers to facilitate integration.
- Assembly and alignment of optical systems in the laboratory (optional)
- Characterisation of optical systems

Requirements:

- Confident use of Zemax, Code V or other optical simulation software for design, optimisation and tolerancing
- Good knowledge of optics and optical systems
- Good use of English or Spanish

Preferred:

- Skilled in CAD i.e., Solid works
- Knowledge of computational imaging or programming. Python, C, MATLAB
- Prior lab experience in mounting optics, optical system alignment or metrology

Benefits:

- Competitive industry salary
- Inclusion in a motivated multi-disciplinary team
- Innovative work, always at the forefront of technology
- Opportunities for training and personal development

Submission of applications

Interested professionals should send their **CV and cover letter** using the following channel:

- Submission form in our [WEBSITE](#)

All the applications and emails received through other channels will not be considered.