Job Shadowing at Georg-Schlesinger-Schule, Berlin

Course Outline

- The job shadowing program offers participants an immersive experience within the German dual education system, providing insights into technical education and vocational training. Through a combination of school presentations, company visits, and hands-on workshops, participants gain practical skills in areas such as metalworking and 3D printing while enhancing their language proficiency in Technical English.

The aim of this course is to

- Provide participants with an immersive experience in the German system of dual education, offering insights into its structure and operation.
- Enhance participants' understanding of technical education and vocational training through school presentations and tours.
- Facilitate hands-on learning experiences through workshops and company visits, allowing participants to actively engage in technical tasks such as casting and 3D printing.
- Foster collaboration and knowledge exchange between participants and educators, encouraging discussions on technical subjects and language acquisition in specialised fields like Technical English and SolidWorks design.

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Activities

- School Presentation and Tour: Participants attend an introductory meeting at the school, where they receive a presentation about the German dual education system and a tour of the facilities to familiarise themselves with the educational environment.
- Company Visit - Foundry Workshop: Participants engage in a workshop at a foundry, where they cast a vice alongside students, gaining practical experience in metalworking and manufacturing processes.
- Technical English Classes: Participants attend classes focused on Technical English, where they learn specialised terminology and language skills relevant to their field of study, enhancing their communication abilities in technical contexts.
- Design Lesson in SolidWorks: Participants participate in a design lesson using SolidWorks software, learning how to create technical drawings and models, followed by a workshop in 3D printing and laser cutting to bring their designs to life.

- Excursion to Futurium: Participants visit Futurium, an interactive science museum in Berlin, where they explore exhibits on future technologies and

innovations, providing inspiration and broadening their perspectives on technical fields.

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Outcomes

- Enhanced understanding of the German dual education system and its application in technical grammar schools, providing valuable insights into different educational models.
- Expanded practical skills in technical fields such as metalworking, casting, and 3D printing, acquired through hands-on workshops and company visits.
- Improved language proficiency in Technical English, enabling effective communication and collaboration in technical environments.
- Increased familiarity with design software like SolidWorks and practical applications of 3D printing and laser cutting, preparing participants for future advancements in technology and engineering.

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