

Project no 25

Project Planning and Scheduling

Applicant

Department: Projects
 Section/Office: Progress

Applicant's name: Vereş Cătălin
 Position: Head of Department

Date privind stagiul de Internship

Program run: **12.07.-22.09.2023**

Duration of the internship: **2.5 MONTHS**

- **Description of the project (aim):**
 - Understanding of project planning and scheduling methodologies, including Gantt charts and critical path analysis.
 - Creation of a project plan and schedule for a real steel-making project, taking into account all project constraints and requirements.
 - Analysis of the project schedule and identification of areas for improvement.
 - Presentation and written report on the experience and findings of project planning and scheduling.
- **Objective(s):** To provide students with a comprehensive understanding of the basics of project planning and scheduling. This includes an introduction to different project planning and scheduling methodologies, such as Gantt charts and critical path analysis, as well as the hands-on experience of participating in the creation of a project plan and schedule for a hypothetical or actual steel-making project. The students will also analyze the project schedule and make recommendations for improvement. The objective of this theme is to equip students with the skills and knowledge needed to effectively plan and schedule projects in the steel-making industry.
- **Description of the main activities of the intern:**
 - Research: Students will research different project planning and scheduling methodologies, such as Gantt charts and critical path analysis. This will help them gain an understanding of the different approaches to project planning and scheduling and the pros and cons of each approach.
 - Plan creation: Students will participate in the creation of a project plan and schedule for a real or hypothetical steel-making project. This will give them practical experience in applying project planning and scheduling methodologies and tools.
 - Analysis and improvement: Students will analyze the project schedule and make recommendations for improvement. This will help them understand how to identify bottlenecks and inefficiencies in project schedules and how to address them.
- **Project deliverable (at the end of Summer School):**
 - A written report: Students will document their findings and recommendations in a written report, summarizing their research, practical experience, and insights into project planning and scheduling.
 - A presentation: Students will present their report to the project team and other stakeholders, showcasing their understanding of project planning and scheduling and their ability to apply this knowledge in real-world situations

Profile of the Intern

Level of studies: III, IV, Master

Specialization: Engineering

Specific requirements.

- Use computer
- Fluent in English
- Technical skills