

Ford Romania Intern Program Internship Workplan



Function Name:	Robot route optimization	Supervisor Name:	D.Efrim
Department Name:	Maintenance	Supervisor CDSID:	eefrim
Assignment Location:	Stamping	Supervisor Position#:	Maintenance Senior Eng.

Project Description

- Stamping is responsible for producing pressed parts of body (car), it is supplier for Body Shop.
 - In Press Shop (Stamping), presses lines are automated (between presses are robots) and Cycle time of the lines depend by the speed of the presses and robots.
 - To improve the cycle time of the line it is necessary to optimize the cycle time of the robots.
- Project is: Optimization the routes of the robots in Stamping process to improve the cycle time.

Measurable Objectives

- Cycle Time of the presses line.

Expected Major Contributions

- Identify the opportunities for improvement.
- Improvement of robots programs.

Expected Benefits to Intern

- Increase Hits Per Hour.
- Increase TTP

Intern Qualifications (schooling, work experience, major)

- Robot programming studies (including, also, equipment automation)
- An appreciation of complex systems and a proactive approach to problem solving.