

# Ford Romania Intern Program Internship Workplan



<b>Project Name:</b>	<b>Variable speed drive controls at system pumps</b>	<b>Supervisor Name:</b>	<b>Stefan Buzata</b>
<b>Department Name:</b>	<b>PTO / Plant Engineering</b>	<b>Supervisor CDSID:</b>	<b>sbuzata</b>
<b>Assignment Location:</b>	<b>CEPRo</b>	<b>Supervisor Position#:</b>	<b>Team Manager</b>
<b>Project Description</b>			

Electric energy reduction by implementing variable speed drive controls at system pumps

## Measurable Objectives

Electric energy consumption reduction at system pumps  
Increase MTBF (Main time between failing)  
Decrease maintenance cost

## Expected Major Contributions

A deep feasibility study of applying this technology  
Develop a general diagram with main inputs and outputs.

## Expected Benefits to Intern

To get familiar with real automatic control system  
To get familiar with variable speed drive technology  
To get familiar with DMAIC methodology

## Intern Qualifications (schooling, work experience, major)

Automation Engineering:  
- Measuring devices.  
- Technical drawing