



FS EAST REAL CASE SCENARIO 2024

IN THIS YEAR'S REAL CASE SCENARIO YOU ARE REQUIRED TO PRESENT A DETAILED ANALYSIS OF A MANUFACTURING PLAN.

At the start of your next season you lose 10% of your budget (included all the manufacturing, raw material etc. support) but you get full access to a well-equipped workshop for free. Your task is to choose at least 3 parts from your car that can **realistically** be sold on the market (with or without modification, but if you modify it, you have to use the modified part on your car). You can use this workshop only to manufacture the parts to be sold. You have to make up the 10% loss with the profit of these sold parts (only the workshop with the machines is provided, you have to count all other expenses)

The workshop's equipment:

- CNC lathe
- 5 axis CNC milling machine
- 3 axis CNC milling machine
- 3D printers
- Fully equipped composite room with autoclave
- Manual tools

What would these parts be and if you modify them, how? Please make a detailed plan about the investment and the returns on the components for sale. How would this effect your car?

The scores will be awarded by the preparedness, depth, and comprehensibility of your analysis

The result of your analysis has to be presented in 10 minutes at the Cost and Manufacturing Event during the discussion and you have to use maximum two flip chart sheets or posters (68x98 cm) to aid your presentation. (No electronic presentations or more than 2 sheets of paper is allowed)

