

STUDENT NAME SURNAME:		
POINT	POINT	ENM 301 INTERNSHIP I
15		1. General information about the company: 1.1 Fill in the general information card in the sample report. (Name of the company and starting date of activity, place (full address), field of activity / sector, type of company, engineer and industrial engineer, etc.) 1.2 Specify the mission and vision of the company, the products it produces, its place in the sector and the place of the sector in the national economy. 1.3 Define the organization chart of the company by drawing it in a format similar to the sample report. 1.4 Briefly explain the basic authorities and responsibilities of each department, and explain the interdepartmental relationships (in terms of information flow) by showing them on the flow chart. Explain how each department is involved in the process starting with an order coming to the company and until the delivery of the product to the customer.
10		2. Explain (in terms of facility location) the raw materials, labor, energy, machinery-equipment infrastructure, which are the basic inputs that contribute to the production of the company.
5		3. Briefly explain the company's suppliers and their relationships with their suppliers.
15		4. Cost analysis infrastructure of the company: 4.1. Make a sample cost analysis study including break even point analysis. 4.2. Make and explain a unit price calculation which belong to a product of the company. 4.3. Indicate the targeted and actual production amounts for at least the last three years and interpret the annual fluctuations together with their reasons.
10		5. How and by whom are the decisions made in the company regarding how long and how the products will be produced? Show and explain in the process flow chart. "Write details (production planning activities)".
5		6. Which factors are taken into account when determining the capacity of the company? Which capacity level does the company operate?
5		7. What type of production system does the company have? Explain by giving a specific example to the company.
		8. How to decide the order quantity and time if the production inputs need to be ordered in case of requirement?
		9. Are raw materials and semi-finished and/or finished product inventories available in the company? Explain why?
		10. What quality certificates does the company have? Explain each of them briefly and explain why the company has these certificates.
5		11. Give two examples of quality control applications in the company. If there is no any, give two examples of quality control applications from the sector of the company and explain them briefly.
		12. What softwares are used in the company? Except for MS Office applications, explain softwares being used on the basis of the departments and/or the company by giving examples along with their purpose of usage.
5		13. According to the sample diagram, make a process diagram for a product that starts with the entrance of its raw materials to the company and that shows all their processes such as transportation, storage and assembly etc. through the production and explain these processes.
5		14. What kind of changes could be implemented to improve the current process in the company? Explain with figures and schemas in detail.
		15. For solving any problem in the company, are statistical studies conducted? Using sales amount data for any product in the company, forecast the demand for this product with the regression analysis.
10		16. Conclusion and Evaluation; <input type="checkbox"/> Discuss the contributions of this internship to your learning experience. <input type="checkbox"/> If the company has industrial engineer employees, describe their working fields, authorities and responsibilities in the company, according to your observations. <input type="checkbox"/> Based on your experiences in the internship, explain the similarities and differences between industrial engineering in the production systems and other engineering branches in terms of authorities and responsibilities. <input type="checkbox"/> What does the board of management think about the knowledge and skills that an industrial engineer has? Is board of management aware of an Industrial Engineer's knowledge and skills? <input type="checkbox"/> If you had an opportunity to work longer in the same company, what subjects and problems would you tackle in more detail?
10		CONFORMITY TO THE INTERNSHIP REPORT TEMPLATE.
100		Point: 90-100 AA 85-89 BA 80-84 BB 75-79 CB 70-74 CC 60-69 DC 50-59 DD 40-49 FD Lower Than 39 FF