

**2024 HIGH SCHOOL WINTER CAMP INDUSTRIAL ENGINEERING PROGRAM SCHEDULE**

21 January	
12:00-13:00	Online Orientation
13:00-14:00	Icebreaker Games

**MONDAYS and WEDNESDAYS**

	22 January	24 January
10:00-10:50	Introduction of Industrial Engineering	Classification of production systems
10:50-11:10	Break	Break
11:10-12:00	Introduction of Industrial Engineering	Classification of production systems
12:00-13:00	Lunch	Lunch
13:00-13:50	History of Industrial Engineering	Processes
13:50-14:10	Break	Break
14:10-15:00	History of Industrial Engineering	Processes
15:10-15:30	Break	Break
15:30-16:30	Activity	Activity

	29 January	31 January
10:00-10:50	Production planning and control	Linear programming: graphical method
10:50-11:10	Break	Break
11:10-12:00	Production planning and control	Linear programming: graphical method
12:00-13:00	Lunch	Lunch
13:00-13:50	Basic optimization techniques and models	Linear programming: corner point method
13:50-14:10	Break	Break
14:10-15:00	Basic optimization techniques and models	Linear programming: corner point method
15:10-15:30	Break	Break
15:30-16:30	Activity	Activity

**TUESDAYS and THURSDAYS**

	23 January	25 January
10:00-10:50	Curriculum of Industrial Engineering	Layouts
10:50-11:10	Break	Break
11:10-12:00	Curriculum of Industrial Engineering	Layouts
12:00-13:00	Lunch	Lunch
13:00-16:30	Activities	Activities

	30 January	1 February
10:00-10:50	Linear programming: models	Probabilistic concepts showing the effects of randomness.
10:50-11:10	Break	Break
11:10-12:00	Linear programming: models	Probabilistic concepts showing the effects of randomness.
12:00-12:20	Lunch	Lunch
12:20-16:30	Activities	Activities