

| Innovation in the Digital Era | |
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| Professor | Gustavo Mesch |
| Contents | <p>The course focuses on the radical changes connected to what has been described as the Fourth Industrial Revolution, which is characterized by the high connectivity, abundance of data, and the extensive use of robots as well as artificial intelligence. It will describe the main characteristics of this new industrial revolution, its impact on the labor market, and specifically the productive areas it will benefit, disadvantage, and ultimately transform. The course will also cover the latest research about the effect of labor automatization and its implication on the future of work and the necessary skills to adapt to the this new era. Course participants will learn about a model developed by the University of Haifa to help prepare the labor market for the jobs of the future.</p> <p><u>TENTATIVE CURRICULUM</u></p> <ul style="list-style-type: none"> ● The Fourth Industrial Revolution: focus on data science and artificial intelligence. ● Labor market perspectives: occupations that are likely to disappear, occupations that are likely to further evolve, and occupations that will be completely transformed. ● Automatization effect in the labor market and its impacts on different productive areas. Theoretical perspectives that explain this transformation process. ● Effects of innovation in the area of autonomous vehicles. Factors that affect the development of new technologies. ● Skills for the new digital era: multidisciplinary, data and digital competition, innovation, team work dynamics, and conflict negotiation. |
| Main objectives | <ul style="list-style-type: none"> ● Describe the process of the Fourth Industrial Revolution. ● Understand the impacts of the meccanization effect on the labor market. ● Prepare the participants for the changes that the new digital era will necessitate in their education and careers. ● Present the necessary skills to develop in the new digital era. |
| Participant profiles | <ul style="list-style-type: none"> ● Professionals from the field of education (formal and informal education) ● CEO's and corporate managers ● Social organization professionals (including non-profits) ● University students from the social sciences, business and organizational studies |
| Duration | 10 sessions of 2 academic hours each one (20 academic hours) |
| Price | USD 360 |