TEMPLATE OF HIGHER EDUCATION OFFER REVIEW RESULTS

beFORE - Becoming-Oriented Entrepreneurs in universities and companies

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for higher education practices aiming at the identification of core foresight and innovation/entrepreneurship competences

Guidelines: The aim of this template is to identify core foresight and innovation/entrepreneurship competences in relation to knowledge, skills and social competences that a future-oriented manager should possess. The source of data for the analysis are syllabuses from subjects such as foresight, technology management, entrepreneurship and innovation (or closely related to) retrieved from the accessible databases embracing both public and private universities or other tertiary educational institutions. The number of the syllabuses to be analysed is motivated by their availability.

A name of the subject/course	Professional Certificate in Foresight *e.g. strategic foresight, technology analysis, innovation management*
A name of tertiary education institution or research institution	Houston University *e.g. Warsaw University of Technology*
A country	other (USA)
A city	Houston
A name of a department (if applies)	College of Technology/ Department of Human Development and Consumer Sciences *e.g. The Management Department of Warsaw University of Technology*
A field of study	Foresight *e.g. management, logistics, production engineering, biotechnology*
A type of study	Training
A type of course	Click here to select the TYPE OF COURSE
A person teaching the subject (name and surname)	Andy Hines Peter Bishop Terry Grim James W. (Jim) Breaux Morgan Kauffman
Core foresight and innovation/entrepreneurship competences in relation to knowledge	The curriculum is divided into three parts: 1. Understanding the future: Foresight includes three primary theoretical components – systems thinking, theories of social change and alternative perspectives on the future. 2. Mapping the future: Long-term forecasting of expected and plausible changes includes the fundamentals of research (scanning), trend extrapolation and scenario development. 3. Influencing the future: Creating transformational change includes identifying strategic issues and opportunities based on the scenarios, establishing visions and goals, creating a strategic plan, and reviewing the principles of creating change.
Core foresight and innovation/entrepreneurship competences in relation to skills	Example competences 1. Understanding the future:

	Example competency related to change: Categorizing change using four dimensions – source, level, time horizon and rate – in order to build an overall model of change.
	Example competency related to alternative futures: examining patterns of change in individual values that influence how futures are interpreted and prioritized
	2. Mapping the future:
	Example competency in relation to Framework Forecasting: Collecting and categorizing signs of change in order to create descriptions of the future.
	Example competency in relation to Baseline Analysis: critically evaluating the evidence and assumptions that support the Baseline Future.
	Example competency in Scenario Development: generating scenarios and using the most compeling methods to present them.
	3. Influencing the future:
	Example competency in relation to Implications Analysis: Identifying and prioritizing the implications of scenarios leading to a selection of strategic issues or new opportunities.
	Example competency in relation to Planning: Identifying and characterizing strategic issues that feed into a formal strategic planning process.
	Example competency in relation to Change Management: Selecting the most effective principles of change management depending on the enterprise and the domain.
	Preparing a strategic plan for the participant's enterprise.
Core foresight and innovation/entrepreneurship competences in relation to social competences	Click here to enter COMPETENCES IN RELATION TO SOCIAL COMPETENCES
Key words to be searched for in the syllabuses	Select the CHECK BOXES below (you can choose more than one option) or you are free to add a new key word relevant to the analysis

x foresight	☐ innovation	☐ technology management
☐ futures studies	☐ open innovations	☐ technology assessment
☐ corporate foresight	☐ radical innovations	☐ network analysis
x strategic foresight	☐ incremental innovations	☐ entrepreneurship
☐ anticipatory intelligence	☐ new business models	☐ leadership
☐ ambidexterity	☐ industrial revolution 4.0	☐ uncertainty

	Change Systems Thinking Social Change Alternative Perspectives Framing Scanning Framework Forecasting Baseline Future Baseline Analysis Scenario Development Implications Analysis Vision Planning Change Management
Other observations or comments	1. Info: http://www.uh.edu/technology/departments/hdcs/certificates/fore/seminar/ http://www.uh.edu/technology/departments/hdcs/certificates/fore/seminar/curriculum-2014.pdf 2. A 5-day course