

Micro-course by UPM

Module: Technology Watch to detect opportunities for entrepreneurship

Academic year: 2022-2023

Credits: 1 ECTS

Lecturer: Alberto Tejero

Institution: Universidad Politécnica de Madrid

Period: from March 21 to April 25, 2023

Description: Through this course, students will learn to detect opportunities for entrepreneurship by analyzing the state of maturity and evolution of technologies, but also their impact and evolution in the markets from a business point of view.

Entrepreneurial areas and competencies:

Areas	Entrepreneurship Competences	Level of acquisition	Category of competences	Evaluation / Competence assessment method
1.Ideas and opportunities	1.1 Spotting opportunities	C3	Analyzing	Final project (Technology Watch Report and final presentation of the report)
	1.2 Creativity	C3	Creating	
	1.4 Valuing ideas	C3	Evaluating	
2.Resources	2.3 Mobilizing resources	C3	Analyzing	
3.Into action	3.1 Taking the initiative	C3	Creating	

Module delivery:

Delivery	Activity (in chronological order)	Hours	Dates	Content and materials
Asynchronous	<u>Individual Student work: 2 hours.</u> Tasks: <ul style="list-style-type: none"> • Read the lesson slides • Watch the teacher's explanatory video 	2	-	Technology watch basics
	<u>Individual Student work: 1 hour.</u> Tasks: <ul style="list-style-type: none"> • Read the lesson slides • Watch the teacher's explanatory video 	3	-	Definition of the technology watch purpose

	<p>Assignment: 2 hours. Task:</p> <ul style="list-style-type: none"> • <i>Solve the lesson exercises (Beginning of the Technology Watch Report)</i> 			
	<p>Individual Student work: 1 hour. Tasks:</p> <ul style="list-style-type: none"> • <i>Read the lesson slides</i> • <i>Watch the teacher's explanatory video</i> <p>Assignment: 3 hours. Task:</p> <ul style="list-style-type: none"> • <i>Solve the lesson exercises</i> 	4	-	Technology Watch Report - Critical Watch Factors
	<p>Individual Student work: 1 hour. Tasks:</p> <ul style="list-style-type: none"> • <i>Read the lesson slides</i> • <i>Watch the teacher's explanatory video</i> <p>Assignment: 3 hours. Task:</p> <ul style="list-style-type: none"> • <i>Solve the lesson exercises</i> 	4	-	Technology Watch Report - Scientific-technological information
	<p>Individual Student work: 1 hour. Tasks:</p> <ul style="list-style-type: none"> • <i>Read the lesson slides</i> • <i>Watch the teacher's explanatory video</i> <p>Assignment: 3 hours. Task:</p> <ul style="list-style-type: none"> • <i>Solve the lesson exercises</i> 	4	-	Technology Watch Report - Market and industry information
	<p>Individual Student work: 1 hour. Tasks:</p> <ul style="list-style-type: none"> • <i>Read the lesson slides</i> • <i>Watch the teacher's explanatory video</i> 	4	-	Technology Watch Report - Analysis of information and report preparation

	Assignment: 3 hours. Task: <ul style="list-style-type: none"> • <i>Complete the Technology Watch Report and creation of the final presentation</i> 			
Synchronous	<i>Attend the opening session videoconference</i>	1	March 16 st from 17:00 to 18:00	Opening session – welcome to the course and description of activities to carry out during the course
	<i>Attend the closing session videoconference Presentation of the reports</i>	3	May 10 th from 17:00 to 20:00	Closing session – student report presentations and wrap up of the course

Total 25 hours (1 ECTS)

Number of hours in ASYNC delivery: 21

Number of hours in SYNC delivery: 4