

Massive Open Online Course

“STE(A)M education for educators”

“Design, orchestration and implementation of STE(A)M education”

Provisional schedule

(First delivery is foreseen for April 2020)

Week	Module Code	Module Title
1	Introduction to STE(A)M education	
	W1.0	Introduction to MOOC
	W1.1	The STE(A)M education approach
	W1.2	Teaching and learning techniques that promote STE(A)M education
	W1.3	Content and tools for STE(A)M education
2	Educator as learning designer and creator	
	W2.1	STE(A)M related educational activities design
	W2.2	STE(A)M related courses design
	W2.3	Content creation for STE(A)M education
3-4	Educator as orchestrator and manager	
	W3-4.1	Teaching organization methods for STE(A)M education
	W3-4.2	Classroom management methods for STE(A)M education
	W3-4.3	Educational resources management methods for STE(A)M education
	W3-4.4	Lab management methods for STE(A)M education
	W3-4.5	Human resource management methods for STE(A)M education
5	Educator as community member	
	W5.1	STE(A)M communities of educators
	W5.2	Research and business communities for STE(A)M education
	W5.3	Policies that promote the STE(A)M education approach
6	Educator as professional	
	W6.1	Transferable skills for STE(A)M educators
	W6.2	Digital skills for STE(A)M educators
	W6.3	Research activities in STE(A)M education
	W6.4	Lifelong learning experiences related to STE(A)M educational approach