



Training Model EMeS Education Methodological Strategies for Students' Development and Training Evaluation.

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## Training Model EMeS Educational Methodological Strategies for Students' Development and Training Assessment.

\* Introduction: The basic concepts apply to the "Training Model EMeS"

- \* Diagram of the Training Course "Training Model EMeS"
- \* Contents and Indicators Training Course of "Training Model EMeS"

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#### Training Model EMeS

Education Methodological Strategies for Students' Development and Training Evaluation.

# Introduction The basic concepts apply to the "Training Model EMeS"

The "Training Model Emes" offers an innovative training, following the principles of Educational Sciences of the twenty-first century. The main difference between the traditional education and innovative training "Training Model Emes" is:

#### \* Traditional education is based on the following educational activities:

- Lessons - the teacher's oral exposition; - learning through books and tutorials;

- Oral exam or multiple choice questionnaire on the acquired knowledge in the study program.

#### \* Innovative Training of "Training Model EMeS" for the twenty-first century, it is characterized by:

- 1) functions and roles of teachers : teachers stimulator entertainers guide content expert;
- 2) Teachers agents of their own education main actors of work and decision-making;
- 3) teaching-learning : educational, meaningful, effective, useful ( efficient) relationship.

The main features to achieve Innovative Training of "Training Model EMeS " are:

- 1. a project methodology based on the objectives and the involvement of more key actors;
- 2. learning in co-operation or collaboration, also with external actors;
- 3. the development of teaching skills, acquired also through informal and non-formal ways;
- 4. research-action as the main methodology of training activity ;
- 5. learning of knowledge based on the context in which we live and of problem solving strategies;
- 6 . flexibility of teaching actions also characterized by learning by doing and work based learning ;
- 7. the acquisition of competences in the planning of educational paths and formative assessment ;
- 8. the bottom-up survey of the themes of education, directly between teachers of educational community;
- 9. the training intervention added to a logical system and quality ;
- 10. the promotion of the motivations and expectations of teachers and pupils.







#### Training Model EMeS

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Purpose of the "Training Model EMeS" is achieving and check with constancy and continuity:

- The effectiveness and efficiency of teaching;

- The significance and usefulness of learning for teachers;

- The quality of the training course for continuous improvement of training.

The basis for achieving the Innovative Training of "Training Model EMeS " is the Scientific Documentation and interactive context . The "Training Model EMeS " is based on three pedagogical concepts :

1 - Methodological Strategies :

a) the model is structured with various and multiple methodological strategies in educational and teaching dimension;

b) methodologies consider how to implement processes of teaching and learning;

c) strategies characterize practical interventions in teaching - learning relation. Each strategy has its own technique and instrumentation.

2 - <u>Development and Evaluation</u>: two processes are fundamental to the process of teaching - learning . So are the main dimensions of the teaching professionalism .

For the process of DEVELOPMENT is used the course program, so can be verify in practice.

For the process of EVALUATION are used various tools with *indicators and criteria*, so as to be comparable, repeatable and effective.

The EVALUATION process is based on *scientific and interactive contextual rules of the documentation*.

3 – *Training Path*: that identifies, develops and enhances the following aspects and knowledge:

Didactical-Operative aspect: → <u>know how to do</u> - Logic-Cognitive aspect → <u>know how to learn</u>

**Psycho-Emotional** aspect — <u>know how to be</u> - **Socio-Relational** aspect <u>know how to communicate</u>.

For this reason, the training project not considers only the Didactic aspect; analyze all kinds and sizes of development of social-cognitive skills and characteristics of personality.

In perspective of Innovative Education, the "Training Model EMeS" should be structured:

- In sequence of five steps (0 to 4)

- In three hierarchical cycles of Development and Evaluation of Training Path (as shown in the diagram on the next page):







#### Training Model **EMeS**

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### Diagram of Training path of "Training Model EMeS"

	Step 0: Teacher starting activity PRESENTATION AND EXPLANATION OF COURSE PROGRAM	
	Step 1: Teacher starting activity with students	
	A) REALIZZATION AND APPLICATION OF INITIAL QUESTIONNAIRE	
<b>↑</b>	B) ORAL EXPLANATION OF COURSE PROGRAM AND TRAINING AGREEMENT	
	C) CREATION OF TEAMS OF STUDENTS	
	Step 2: Activities between students teams and teacher	
◀-	A) TRAINING PATH OF COURSE BASED ON DIDACTICAL UNITS:	
	1) Knowledge phase	
	2) Phase of Structuring of the conceptual map for each Teaching Unit	
	3) Formalization phase	
	B) ANALYSIS AND EVALUATION OF CONCEPT MAPS: DURING THE LESSONS,	+
	EVERY TEAM OF STUDENTS EXHIBITS THE DOCUMENTS PRODUCED	
	Step 3: Students competences final evaluation activity	
◀	A) COURSE WORK EVALUATION CRITERIA AND RATING	
	B) FINAL EXAM:	
	1) TRAINING PATH TEAM/INDIVIDUAL DOCUMENTATION	
◀	2) QUESTIONAIRRE TO VERIFY THE ACQUISITION OF COURSE CONTENTS	*
	Step 4: Students training path evaluation activity	
	FINAL QUESTIONNAIRE OF TRAINING PATH SATISFACTION	

