

#LaUISqueQueremos







Universidad Industrial de Santander

JiTT approach to engineering education in Colombia

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ExperTIC to implement JiTT #LaUISqueQueremos





Academic Excellence System (SEA) of the "Universidad Industrial de Santander" (UIS):









Why use JiT?



Why to use JiTT?









Before Internet and Cellphones:

- 1. Fewer distractions.
- 2. More time to study.
- 3. Less access to Information.
- 4. Different times!
- 5. (...)



Why to use Jitt? #Lauisque Queremos







All teachers want the students to know we are talking about JiTT to them.



The teacher wants a student that study before the class!



JiTT: What is new?

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Is it lukewarm water (...)?



time changes

We are innovating



In the past: Wood fire

Now: water heater

Who uses JiTT?



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More than 100 institutions across the US, Canada, Europe, and Israel have adopted the JiTT strategy.















We at the "Universidad Industrial de Santander", UIS.

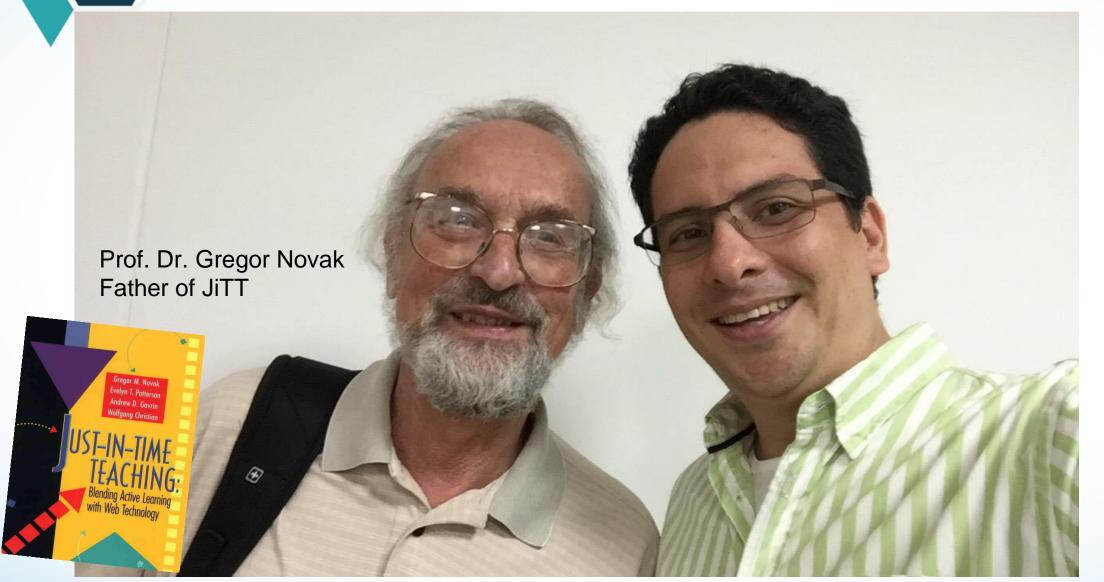
Just in TimeTeaching

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What is JiTT?



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1.The student

Before the class (from 36h to 2h before class)

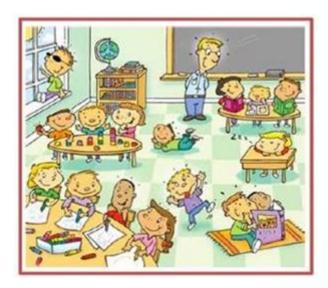


2.The teacher



Before the class (from 2h to 0h before class)

3. In the class



Active learning



Our adaptation of JiTT

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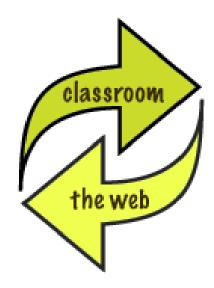


Cuestionario de Preparación de Sesión, CPS

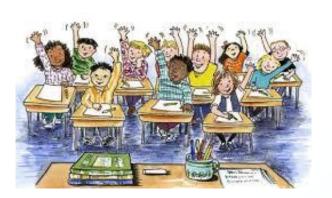


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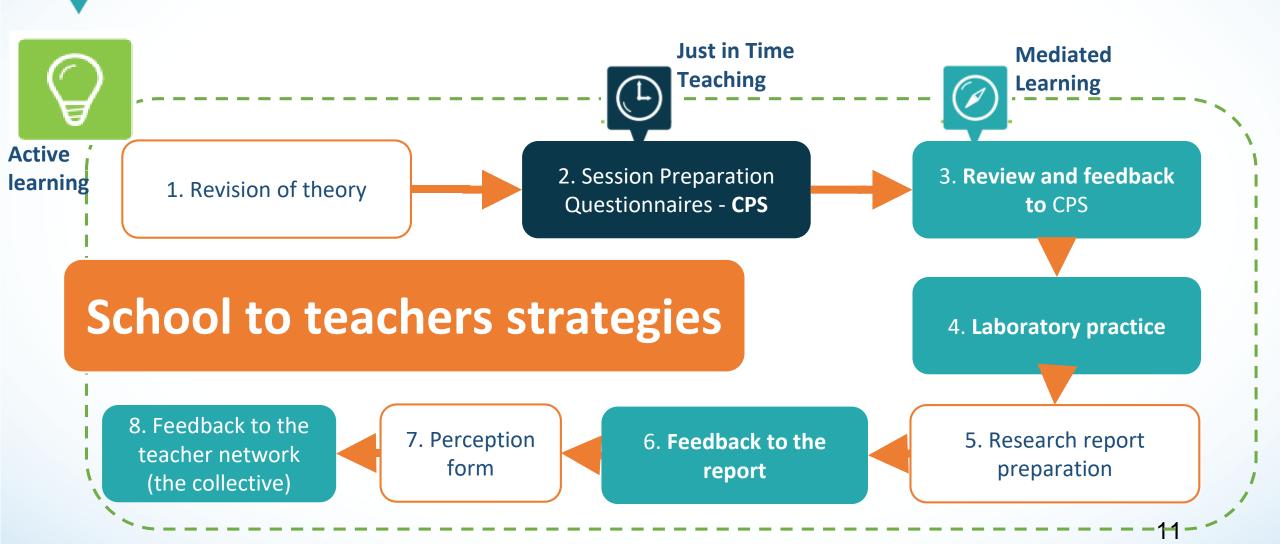
CEDEDUIS: School to teachers

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CEDEDUIS: School to teachers

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Semester	Trained teachers	
Bucaramanga 2016-1	13	
Bucaramanga 2016-2	7	
Bucaramanga 2017-1	5	
Regional 2017-1	9 *	
Total	34	

Collective agreements:

- 1. Research template report.
- 2. Evaluation Rubric.
- 3. CPL questions.
- 4. Checklist to the final project (inform and video).











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Courses	Bucaramanga students	Regional students
"Física I": Mechanics	496	312
"Física II": Electricity and Magnetism	532	207
"Física III": Waves and particles	514	216
Total	1.542	735







Questions?













Thank you!