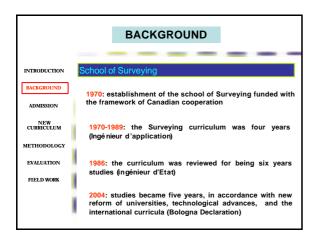
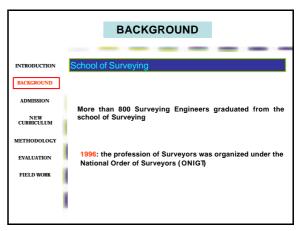
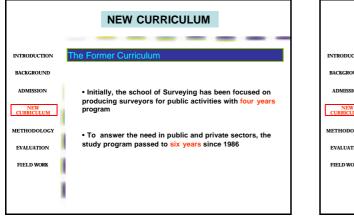


	Introduction
INTRODUCTION	Education of Surveying at IAV in Maragoo
	Education of Surveying at IAV in Morocco
BACKGROUND	To be in accordance with the new reform in our Universities and with the international curricula
NEW CURRICULUM	The duration of studies will be five years, instead of six years
METHODOLOGY	Two levels: two basic year studies, and three professional years
EVALUATION	
FIELD WORK	Process of reviewing and reforming our curriculum

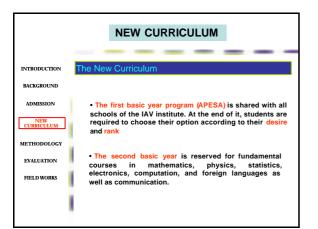


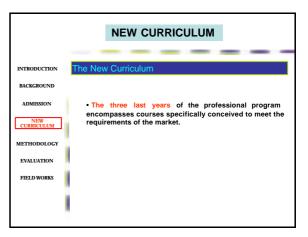


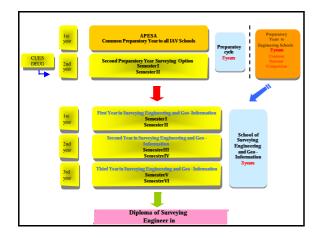
ADMISSION	ADMISSION
Admission Requirements at IAV Hassan II	INTRODUCTION Admission Requirements to Surveying School
BACKGROUND	BACKGROUND Surveying requirements:
ADMISSION National and International Candidates with «Baccalauréat» : high school diploma (10 to 20% from African countries and others) teThopolocy Among 10 000 applications 400 students are selected	ADMISSION     · 30 - 40 students are admitted from APESA     Output     Output
EVALUATION	«competition exam » EVALUATION
The first year "APESA" is a common preparatory year for all students	• 10-14 students from the two preparatory year to engineering schools (Classes préparatoires au grandes écoles d'ingénieurs)



	NEW CURRICULUM
INTRODUCTION	The Former Curriculum
BACKGROUND	
ADMISSION	<ul> <li>Until early 1990s, the education was more dominated by conventional methods, and was carried out the needs</li> </ul>
NEW CURRICULUM	of the Agriculture Ministry, in general, and Land Registration, Cadastral and Cartography Administration,
METHODOLOGY	(ANCFCC) in particular
EVALUATION	• Since the mid of 90s, the demand for land surveyors
FIELD WORKS	was more diversified.



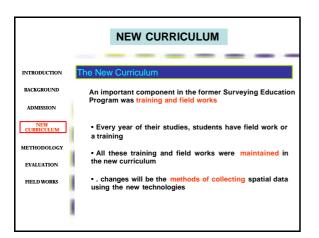


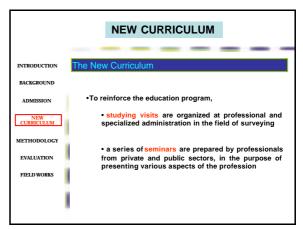


	NEW CURRICULUM
INTRODUCTION	The New Curriculum
BACKGROUND	All courses can be divided into seven distinguished axes:
ADMISSION	
NEW CURRICULUM	<ol> <li>Geodetic sciences and surveying concerned by all courses in the domain of geodesy and topography (land surveying),</li> </ol>
EVALUATION FIELD WORKS	<ol> <li>Cartography and photogrammetry that includes all courses used for mapping,</li> </ol>
	<ol> <li>GIS and remote sensing with all courses of geographical information systems, database development and design, and remote sensing,</li> </ol>

	NEW CURRICULUM
INTRODUCTION	The New Curriculum
BACKGROUND	
ADMISSION	<ol> <li>Cadastre and land systems that contains land consolidation, cadastre, rural and urban land</li> </ol>
NEW CURRICULUM	management,
METHODOLOGY	5. Computation and adjustment with all courses
EVALUATION	concerning the geodetic adjustment and computation
FIELD WORKS	applied in surveying and mapping,

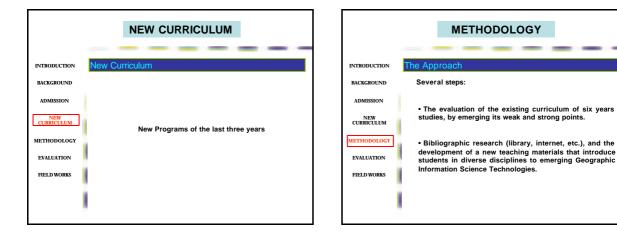
	NEW CURRICULUM
INTRODUCTION	The New Curriculum
BACKGROUND	
ADMISSION	6. Technical and Professional Training that enables students to practice within private or public
NEW CURRICULUM	companies for a period of time varying from two weeks to two months,
METHODOLOGY	
EVALUATION	7. Support subjects that include all courses of
FIELD WORKS	legislation and law, economics, business management, ecology, and languages.

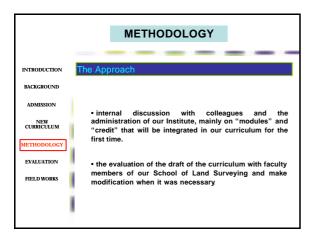


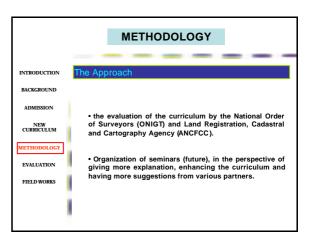


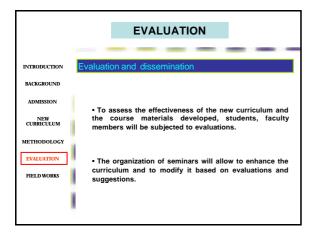
	NEW CURRICULUM
INTRODUCTION	Research and Final Project
BACKGROUND	
ADMISSION	• The new program preserves all research activities.
NEW CURRICULUM	Students research     Doctorate research
METHODOLOGY	Contractual research
EVALUATION	However, the research conducted by students will be in one semester only. It will be more a practical final project than a fundamental research.
FIELD WORKS	project than a fundamental research.

	NEW CURRICULUM
INTRODUCTION	Main changes
BACKGROUND	
ADMISSION	System of semesters (two semesters per year).
NEW	Each semester is 14 to 16 weeks
METHODOLOGY	Average total "credit" hours of a semester is around 400 hours.
EVALUATION	Courses are grouped into "modules"
FIELD WORKS	Maximum total credit hours of a module is 120 hours
	•The last two weeks of a semester are reserved to evaluation and exams.

































	Introduction
INTRODUCTION	Education of Surveying at IAV in Morocco
BACKGROUND	The main chirality of this study is a development of a
ADMISSION	The main objective of this study is a development of a convenient curriculum for the enhancement of surveying studies in morocco, using new technologies and in
NEW CURRICULUM	accordance with the demand and the new reform in our Universities.
METHODOLOGY	
INTERFACE DE L'APPLICATION	
DEMONSTRATION	
CONCLUSION ET PERSPECTIVES	

	NEW CURRICULUM
INTRODUCTION	The New Curriculum
BACKGROUND	
ADMISSION	• The combination of remote sensing and other
NEW CURRICULUM	Geographic Information (GI) technologies, such as global positioning systems (GPS) and Geographic Information Systems (GIS) allows us to know the
METHODOLOGY	geographic spatial location of these and other spatial phenomena and how they interact.
EVALUATION	
DEMONSTRATION	All these technologies are called Geographic Information Science (GIScience) Technologies.
CONCLUSION ET PERSPECTIVES	