

Name : Managerial Statistics and Decision Making					
module/course code	Student workload	Credits (ECTS)	Semester	Frequency	Duration
IAB82001	1 x 3 x 50 (minutes/week)	4.53 ECTS	2	Even	1x per semester
	Types of courses : Face to face Independent study Structured Tasks	Contact hours : 150 minutes/week		Independent study 180 minutes / week	Class size X students 15 students
1	Prerequisites for participation : ---				
2	Learning outcomes : 1. Students are able to understand and explain various statistical and mathematical analysis practices for business decision making 2. Students are able to apply various statistical and mathematical models in decision making based on a quantitative approach.				
3	Description : The managerial statistics course will provide Master of Business Administration students with knowledge about various methods of decision making and the ability to make business decisions.				
4	Subject aims/Content : 1. preliminary 2. Technique for Order by Similarity to Ideal Solution (TOPSIS) 3. Simple Additive Weighting (SAW) 4. Weighted Products (WP) 5. Simple Multi Attribute Rating Technique (SMART) 6. Simple Multi-Attribute Rating Technique Exploiting Ranks (SMARTER) 7. Profile Matching (PM) 8. TAGUCHI 9. Analytic Hierarchy Process (AHP) 10. ELimination Et Choix Traduisant la Realit� (ELECTRE) 11. Preference Ranking Organization Method for Enrichment Evaluation (PROMETHEE) 12. Multi-Objective Optimization on the basis of Ratio Analysis (MOORA) 13. Collective Utility (CU) 14. Compromise Programming (CP)				
5	Teaching methods: Lectures are held face-to-face (with various lecture methods) by lecturers for (3 x 50 minutes) x 14 meetings				
6	Assessment methods: 20% presentation 20% discussion				

	Task 10% MID-TERM EXAM 25% FINAL-TERM EXAM 25%
7	Other information eg bibliographical references : Tzeng, Gwo-Hshiung and Huang, Jih-Jeng. (2011), Multiple Attribute Decision Making: Methods and applications, CRC Press: USA