Curriculum Map of Technology Application and Human Resource Development

Required Courses (9 credits)			
Research Methods (I)	3/3	Seminar (I)	
Research Methods (II)	3/3	Seminar (II)	
Advanced Statistics (I)	3/3	master's thesis	

Selective Courses (24 credits)					
Technology and Engineering Education Track		Human Resource Track		Network-based Learning Track	
Study in Teaching Aids Design	3	Studies in Human Resource Management	3	Web-based course design	3
Studies in Development & Evaluation for Technology and Engineering Curriculum	3	Studies in Employee Career Management	3	Studies in Network-aided Learning Systems	3
Studies in Technology and Engineering Education for Elementary Schools	3	Studies in Curriculum Design for Human Resource Development	3	Network learning psychology	3
Studies in Strategies for Technology and Engineering Instruction	3	Study in Human Performance Technology	3	Web-based Test and Assessment	3
Studies in Technology and Engineering Education in High Schools	3	Studies in Planning and Management of Human Resource Development	3	Studies in Trends in Network Technology	3
Studies in Evaluation for Technology and Engineering Instruction	3	Studies in Evaluating Human Resource Development	3	Network Multimedia System	3
Studies in Facilities for Technology and Engineering Instruction	3	Studies in Human Resource Development for Manufacturing Industries	3	Intelligent Web-based Instruction System	3
Studies in Integrative Science, Technology, Engineering, and Mathematics Education	3	Studies in Psychological Testing and Assessment in Business	3	Studies in Human-Computer Interaction	3
		Studies in Human Resource Development for Service Industries	3		
		Studies in Need Assessment in Human Resource Development	3		

Other Courses			
Studies in Technology and Engineering Education in Colleges	3	Instructional Strategies in Web-based Instruction	3
Studies in Science , Technology and Society	3	Studies in Web-based Education & Training	3
Studies in Adults Psychology and Learning	3	Planning and Management of Network Education System	3
Professional Internship	3	Human Resource Information Systems	3
Experimental Design and Data Analysis	3	Educational Industry Innovation and Entrepreneurship	3
Advanced Statistics (II)	3	Basic Robotics and IoT	3
Data Analysis and Interpretation	3		

1. Complete 36 credits: 9 required courses, 24 selective courses.
2. Every student should take at least 18 courses from his/her track, and at least 6 courses from other tracks.