Appendix1　TUT Requirements of Courses

Name	ECTS	Place of Completion	Categories
Introduction to Entrepreneurship	4	TUT	**GENERAL STUDIES（compulsory）** **At least 10 ECTS**
Entrepreneurship and Business Planning	6	TUT	
Giving Presentations in English	3	TUT	**GENERAL STUDIES（Optional）** **At least 6 ECTS**
Innovation and creative problem solving	3	TUT	
Technology Enterprise Creation and Financing	3	TUT	
Student's Enterprise Practice	3	TUT	
Computer Systems Engineering	5	TUT	**CORE STUDIES（compulsory）** **At least 10 ECTS**
Microprocessor Systems	5	TUT	
Dependability and Fault Tolerance	5	TUT	**CORE STUDIES（Optional） At least 10 ECTS, including 5 ECTS gained at USST）**
Foundations and Management of Cyber Security	5	TUT	
Data Acquisition Means and Methods	5	TUT	
Applied Data Communication	5	USST	
Design for Test	5	TUT	SPECIAL STUDIES（compulsory） At least 14 ECTS, including 10 ECTS gained at USST)
Digital Systems Modelling and Synthesis	5	TUT	
Practical Training	4	TUT	
Advanced Course in Programming I	5	USST	
Timing Analysis of Software Dynamic Properties	5	TUT	
Verification of Digital Systems	5	TUT	**SPECIAL STUDIES（Optional）** **At least 20 ECTS (Including 15 ECTS gained at USST)**
Embedded Systems	5	USST	
Systems-on-Chip Design	5	TUT	
Digital Systems Design	5	TUT	
Software Project Management	5	USST	
Basics of Computer Aided-Design	5	TUT	
Analysis of Programming Languages	5	TUT	
Databases I	5	USST	