



# Independent University, Bangladesh

## Department of Electrical and Electronic Engineering

**Proposed first two year Electrical and Electronic Engineering Course Mapping for 2+2 Undergraduate Program with the University of South Alabama (USA):**

<b>APPENDIX I: FIRST TWO YEAR ELECTRICAL ENGINEERING COURSE MAPPING OUTLINE</b>				
<b>USA Course Number</b>	<b>University of South Alabama(USA)'s Course Name</b>	<b>USA Credit Hours</b>	<b>Independent University, Bangladesh(IUB)'s Mapped Course</b>	<b>IUB Credit Hours</b>
EH 101	English Composition 1	3	ENG 102	3
EH 102	English Composition 2	3	ENG 105	3
EH 235	Literature/Gen Ed	3	ENG 202	3
ARS 101	Fine/Per Arts/Gen Ed	3	AAT101/ MUS101	3
CA 110	Public Speaking/Gen Ed	3	CMN201	3
HY 101	History/Gen Ed	3	HST103,/NCH101	3
ECO 215	Economics/Gen Ed	3	ECN200	3
PSY 120	Psychology/Gen Ed	3	LFE201	3
MA 125	Calculus I	4	MAT 102+T	3
MA 126	Calculus II	4	MAT 201+T	3
MA 227	Calculus III	4	MAT 251+T	3
MA 237	Linear Algebra	3	MAT303+T	3
MA 238	Differential Equations	3	MAT 305+T	3
			MAT407+T	3
CH 131	General Chemistry	3	XXX	
CH 131L	General Chemistry Lab	1	XXX	
PH 201	Calculus-Based Physics I	4	PHY 101	3
PH 201L	Calculus-Based Physics I Lab	0	PHY 101L	1
PH 202	Calculus-Based Physics II	4	PHY 102	3
PH 202L	Calculus-Based Physics II Lab	0	PHY 102L	1
EG 101	Intro to Engineering & Design	2	Waived for transfer students	2
EG 231	Ethics & Engineering Economics	3	XXX	3
EG 270	Thermodynamics	3	XXX	
CIS 210	C++ Programming	3	CSC101	3
EE 220	Circuit Analysis	3	ECR101	3
EE 227	Circuits Laboratory	1	ECR101L	1
EE 223	Network Analysis	3	ECR206& ECR206L	3+1
EE 263	Digital Logic Design	3	ECR205	3
EE 268	Digital Logic Design Lab	1	ECR 205L	1
EE 264	Microprocessor Systems & Interfacing	3	ECR209	3
	<b>Total Credit Hours Accepted by "USA"</b>		<b>Total Credit Hours Earned at "IUB"</b>	