

### 4-year Suggested Academic Plan for Transfer

First Year - Freshman							
Fall Semester				Spring Semester			
BCD	HCU	Course Name	Hrs	BCD	HCU	Course Name	HRS
ENGR 1201	ENSC 1411	Engineering and Cyber Projects I	4	ENGR 1304	ENSC 1412	Engineering and Cyber Projects II	4
MATH 2413	MATH 1415/1051	Calculus I	4	MATH 2414	MATH 2451/2051	Calculus II	4
COSC 1420	COSC 1351	Introduction to Computer Programming	3	PHYS 2325	PHYS 2413/2013	Principles of Physics I with Lab	4
ENGL 1301	ENGL 1313	English Composition and Literature	3	ENGL 1302	ENGL 1323	English Composition and Literature II	3
X3XX		Corresponding Core Curriculum Course	3	X3XX		Corresponding Core Curriculum Course	3
<b>Total</b>			<b>17</b>	<b>Total</b>			<b>18</b>
Second Year - Sophomore							
Fall Semester				Spring Semester			
BCD	HCU	Course Name	Hrs	BCD	HCU	Course Name	Hrs
ENGR 2304	COSC 1352	Intermediate Computer Programming	3	ENGR 2405	ENSC 2361	Electrical Engineering and Circuits	3
MATH 2415	MATH 2451/2051	Calculus III	4	MATH 2320	MATH 3333	Ordinary Differential Equations	3
PHYS 2326	PHYS 2423/2023	Principles of Physics II with Lab	4	ENGR 2406	ELEN 2342	Introduction to Digital Design	3
X3XX		Corresponding Core Curriculum Course	3	X3XX		Corresponding Core Curriculum Course	3
<b>Total</b>			<b>14</b>	<b>Total</b>			<b>12</b>
Third Year - Junior							
Fall Semester				Spring Semester			
	HCU	Course Name	Hrs		HCU	Course Name	Hrs
	ELEN 3360	Electrical Circuits II	3		ELEN 3361	Linear Systems	3
	ELEN 3363	Electronic Circuits I	3		ELEN 3364	Electronic Circuits II	3
	ELEN 4374	OT Networks	3		CYEN 4374	OT Network Security	3
	CHEM 2415 or BIOL 2454	Science with Lab	4		MATH 3314	Probability and Statistics	3
	Core I	LACC course not already taken at Blinn	3		Core II	LACC course not already taken at Blinn	3
<b>Total</b>			<b>16</b>	<b>Total</b>			<b>15</b>
Fourth Year - Senior							
Fall Semester				Spring Semester			
	HCU	Course Name	Hrs		HCU	Course Name	Hrs
	ELEN 3325	Electrical and Magnetic Fields	3		ELEN 3342	Digital Signal Processing	3
	ELEN 4341	Embedded Systems	3		ELEN 3374	Automatic Control Systems	3
	ENSC 4311	Senior Project I	3		ENSC 4312	Senior Project II	3
	ENSC 4315	Internship/Professional Experience	3		CHRI 2373	Christian Theology and Tradition	3
	CHRI 1301	Introduction to the Bible	3		HIST 2311	Western Civilization I	3
	GOVT 2313	American & Texas Government	3				
<b>Total</b>			<b>18</b>	<b>Total</b>			<b>15</b>
				<b>Total</b>			<b>125</b>

Notes/Comments: