

CHIP DESIGN AND EMBEDDED SYSTEM PROGRAMMING - AAS

YEAR 1

First Semester

ENGR	1201	Introduction to Engineering	2
ENGL	1301	Composition I	3
MATH	1314	College Algebra	3
CETT	1321	Electronic Fabrication	3
CPMT	1449	Computer Networking Technology	4

14

Second Semester

CETT	1403	DC Circuits	4
CETT	1425	Digital Fundamentals	4
MATH	1316	Plane Trigonometry	3
XXXX	#3##	Social/Behavioral Science General Ed. Elective	3

14

Third Semester

PHYS	1401	College Physics I	4
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4

YEAR 2

First Semester

CETT	1405	AC Circuits	4
CETT	1429	Solid State Devices	4
CETT	1431	Programming for Discrete Electronic Devices	4
XXXX	#3##	Humanities/Fine Arts General Ed. Elective	3

15

Second Semester

XXXX	#4##	Program - Related Elective	4
XXXX	#4##	Program - Related Elective	4
CETT	1457	Linear Integrated Circuits**	4

SaigonTech enrichment courses

12

CETT	SGT 2401	Computer Organization and Embedded Systems	4
CETT	SGT 2402	Digital logic with Verilog Design	4
CETT	SGT 3401	Embedded Linux	4
CETT	SGT 3402	Microcontroller Programming	4
CETT	SGT 3403	Introduction to Sociology	3
CETT	SGT 3404	Advanced Chip Design	4
CETT	SGT 3405	Linux Device Drivers	4

27

Program Total

87