

# CHIP DESIGN AND EMBEDDED SYSTEM PROGRAMMING – AAS (2016 – 2017)

## FIRST YEAR

### First Semester 12

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

### Second Semester 17

CETT 1403 DC Circuits .....	4
CETT 1425 Digital Fundamentals .....	4
MATH 1316 Plane Trigonometry .....	3
XXXX #3## Social/Behavioral Science General Ed. Elective .....	3
ENGL 1301 Composition I .....	3

### Third Semester 7

PHYS 1401 College Physics I.....	4
XXXX #3## Humanities/Fine Arts General Ed. Elective .....	3

## SECOND YEAR

### First Semester 12

CETT 1405 AC Circuits .....	4
CETT 1429 Solid State Devices .....	4
CETT 1431 Programming for Discrete Electronic Devices.....	4

### Second Semester 12

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

### Program Total 60

The \*\*capstone course is CETT 1457 - Linear Integrated Circuits