

CHIP DESIGN AND EMBEDDED SYSTEM PROGRAMMING – AAS (2015 – 2016)

FIRST YEAR

First Semester 12

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|------------------------------------------------|---|
| 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

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|----------------------------------------------------------------|---|
| 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

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

SECOND YEAR

First Semester 12

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

Second Semester 12

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

Program Total 60

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