

# Course Outline

## Associate of Science in Computer Engineering

### The Program Structure:

Course Code	AS: <b>First</b> Semester Courses	Credit
CENG 101	Communication Skills	5
CENG 102	Computer Fundamentals and Applications	5
CENG 103	Electronics	5
CENG 104	Linear Algebra and Geometry	5
CENG 105	Calculus	5
CENG 106	Web Technology	5
<b>TOTAL CREDITS</b>		<b>30</b>
Course Code	AS: <b>Second</b> Semester Courses	Credit
CENG 111	Data Structures	5
CENG 112	Computer System Architecture	5
CENG 113	Cloud Computing	5
CENG 114	Engineering Mathematics	5
CENG 115	Java Technologies	5
CENG 116	Analysis and Design of Algorithms	5
<b>TOTAL CREDITS</b>		<b>30</b>
Course Code	AS: <b>Third</b> Semester Courses	Credit
CENG 201	Database Management System	5
CENG 202	Objects Oriented Programming	5
CENG 203	Cyber Law	5
CENG 204	Microprocessors	5
CENG 205	Operating System	5
CENG 206	Software Engineering	5
<b>TOTAL CREDITS</b>		<b>30</b>
Course Code	AS: <b>Fourth</b> Semester Courses	Credit
CENG 211	Computer Networks	5
CENG 212	Programming Languages	5
CENG 213	Discrete Structures	5
CENG 214	Computational Logic	5
CENG 215	Embedded Systems	5
CENG 216	Distributed Computing	5
<b>TOTAL CREDITS</b>		<b>30</b>

Application processing, admissions and registrations for the new Academic Session are currently in progress.



**IICSE University**  
...a liberal arts education

**Applications for the program:**

Applications for this program are made online by going to [www.iicseuniversity.org/apply.html](http://www.iicseuniversity.org/apply.html)



Visit: [www.iicseuniversity.org](http://www.iicseuniversity.org)