

**Here's the information about classes can be taken by students to complete degree in Computer Engineering Technology from first semester to eight semester.**

Some notes to be checked: Prerequisites means classes that must be taken prior to any class, and corequisite means classes that can either be taken before the class or along with the desired class.

\*\*\*\*\*The courses of the CET department have been changed. Instead of EMT all classes will be named by CET. New Curriculum will be start from spring 2025. The students who are already taking EMT classes will have to take CET classes from next semester. If any student fails EMT1111 (1 cr), he has to retake CET 1111 (2cr). If failed EMT1130 (1 cr), retake CET 1100 (2cr).If failed EMT1150 (5cr), retake CET 1150 (3cr). If failed EMT 1220 (4cr), retake CET 2312 (4cr). If failed EMT 1255 (4cr), retake CET 2350 (4cr). If failed EMT 2320 (5cr), retake CET 2450 (3cr). \*\*\*\*\*

**First Semester:**

The classes available for the first semester are:

1. CET 1100 (2 cr)
2. CET 1111(3 cr)
3. CET 1120(1 cr)
4. CET 1150 (3 cr)
5. MAT 1275 (4 cr)
6. ENG 1101 (3 cr).

The prerequisites and corequisite for these classes are as follows:

- Prerequisite or co requisite of CET 1111 is CET 1100 that means either student has to take CET 1100 before taking CET 1111 or they can be taken together in same semester.
- Prerequisite of ENG 1101 is English Composition 1.
- Prerequisite or corequisite of CET 1150 is MAT 1275.

### **Second Semester:**

The classes available for the second semester are:

1. CET 1211(2 cr)
2. CET 1250(4 cr)
3. ENG 1121(3 cr)
4. MAT 1375(4 cr)
5. Flex core 1 (3 cr)

The prerequisites for these classes are as follows:

- Prerequisite of CET 1211 IS CET 1111.
- Prerequisite/COREQUISITE of CET 1211 is MAT 1275.
- The prerequisite of CET 1250 is CET 1150.

### **Third Semester:**

The classes available for the third semester are:

1. CET 2312(4 cr)
2. CET 2350(4 cr)
3. CET 2370 (2 cr)
4. CET 2390 (1 cr)
5. PHY 1433 (4 cr)

The prerequisites are as follows:

- Prerequisite of CET 2312 IS CET 1120.
- Prerequisite or corequisite of CET 2312 is PHY 1433.
- Prerequisite/corequisite of CET 2350 is CET 1250 and MAT 1375.
- The prerequisite of CET 2370 is CET 1250.
- Prerequisite/corequisite of CET 2390 is CET 2370.
- Prerequisite of PHY 1433 is MAT 1275.

### **Fourth Semester:**

The available classes for the fourth semester are:

1. CET 2450 (3 cr)
2. CET 2455 (2 cr)

3. CET 2461 (2 cr)
4. TECH ELECTIVE
5. MAT 1475 (4 cr)
6. FLEX CORE 2 (3 cr)

The prerequisites are as follows:

- The prerequisite of CET 2450 is CET 2350
- The prerequisite of CET 2455 are CET 2370,
- Prerequisite/corequisite of CET 2461 is CET 2455, MAT 1475.

### **Fifth Semester:**

The available classes for the fifth semester are:

1. CET 3510(4 cr)
2. CET 3525(4cr)
3. MAT 1575(4cr)
4. PHY 1434(3cr)

The prerequisites are as follows:

- Prerequisite of CET 3510 are a previous course in digital electronics, CET 3510 has prerequisite or co-requisites of CET 2411 or CST 2403 and MAT 1575 or higher
- Prerequisite or corequisite of CET 3525 is MAT 1575,
- Prerequisite of MAT 1575 is MAT 1475.

### **Sixth Semester:**

The available classes for the sixth semester are:

1. MAT 2680(3 cr)
2. CET 3615(4cr)
3. CET 3625(1 cr)
4. CET 3640(3 cr)
5. Flex Core 3
6. COM 1330 (3cr)

The prerequisites are as follows:

- The prerequisite of MAT 2680 is MAT 1575,

- Prerequisites for CET 3615 are MAT 1575, CET 3525, and PHYS 1434 or PHYS 1442.
- The prerequisite of CET 3625 is CET 3525.
- Prerequisite or corequisite of CET 3625 is MAT 2680.
- The prerequisites of CET 3640 are CET 2411 and CET 3510.

### **Seventh Semester:**

The classes available for the seventh semester are:

1. CET 4711(2 cr)
2. MAT 2580 (3 cr)
3. CET 4705(2 cr)
4. CET 4773(4 cr)
5. Technical elective 1 (4 cr)
6. Flex Core 4

The prerequisites are as follows:

- Prerequisite and co-requisite of CET 4711 are CET 3640 and CET 4705
- Prerequisite of CET 4705 is CET 3625 with a grade of C or better.
- Prerequisite of CET 4773 is CET 3510.
- Prerequisite or Corequisite of MAT 2580 is MAT 1575.

### **Eighth Semester:**

The classes available for the eighth semester are:

1. Technical Elective 2 (3 cr)
2. CET 4811 (2 cr)
3. CET 4805(2 cr)
4. CET 4864(4 cr).
5. ID Course

The prerequisites and corequisites are as follows:

- Prerequisites of CET 4811 are CET 3640, CET 4711.
- Prerequisites or corequisite of EMT 4811 are CET 4773, CET 4805, CET 4864.
- Prerequisite of CET 4805 is CET 4705
- Prerequisites of CET 4864 are CET 3625, MAT 2580

