# Chatbot prompts documentation

List of prompts used in the course recommendation chatbot. The prompts are categorized into three difficulty levels: Easy, Medium, and Hard. These prompts can be used for testing chatbot models and improving responses.

Easy:

* Which courses can I take first semester

**Ans:** You can take CET 1100, CET 1111, CET 1120, CET 1150, ENG 1101, MAT1275,

* Can I take CET1100 after completing ENG1101?

**Ans:** Yes you can take CET 1100 after completing ENG 1101 because CET 1100 requires no prerequisite.

Medium:

* I have completed CET1111, CET1150, and ENG1101. What courses can I take next?

**Ans:** You can take CET 1100, CET 1120, Mat 1275, CET 1211, CET 1250 in next semester.

* Can you list all prerequisites and corequisites for CET 3615?

**Ans:** Prerequisites of CET 3615 are MAT 1575, CET 3525, PHY 1434 or PHY 1442

* Which general education courses are required for graduation?

**Ans:** ENG 1101, MAT 1275, ENG 1121, MAT 1375, PHY 1433, MAT 1475, MAT 1575, Flex core.

Hard (Personalized question):

* Given my completed courses (CET1111, CET1150, ENG1101), provide custom made step-by-step plan for the remaining semesters.

**Ans:**

2nd semester: CET 1100, CET 1120, CET 1211, MAT 1275, CET 1250, ENG 1121

3RD semester: CET 2312, MAT 1375, PHY 1433, CET 2350, CET 2370, CET 2390

4TH semester: CET 2450, CET 2455, CET 2461, Technical elective , flex core 1, MAT 1475

5th semester: flex core 2, CET 3510, CET 3525, MAT1575, PHY 1434

6TH : FLEX CORE 3, Com 1330, CET 3615 ,CET 3625, CET 3640, MAT2680

7TH: CET 4705, CET 4711, CET 4773, FLEX CORE 4, TECHNICAL Elective 1,

8th : CET 4811, CET 4864, CET 4805, Technical elective 2, ID,

* I want to know the courses I can take in the 2ND semester. I’ve completed CET1120, CET 1150 but I haven't completed all the first-semester courses yet. Can you recommend some courses?

**Ans:** For 2ND semester you can take CET 1100, CET 1111, MAT 1275, CET 1250, ENG 1100, FLEX CORE 1

* If I want to graduate in six/seven semesters instead of eight, how should I plan my courses?

**Ans:** Plan for graduating in 7th semester is given below. Remember you need department permission to take more than 18 credits.

1st: CET 1100, CET1111, CET1120, CET 1150, ENG 1100, MAT 1275,

2nd semester: CET 1211, CET 1250, CET2312, CET 2350, MAT 1375, PHY 1433

3RD semester: MAT 1475, PHY 1434, CET 2370, CET 2390, CET 2450, TECHNICAL ELECTIVE,

4TH semester: CET 2455, CET 2461,CET 3510, CET 3525, FLEX CORE 2,MAT 1575,

5th semester: CET 3615, CET 3625, MAT 2680, CET 3640, FLEX CORE 3, CET 4773

6TH : CET 4705 ,CET 4711, Technical elective 1, flex core 4, ID, Mat 2580, com 1330

7TH: CET 4805, CET 4811, CET 4864, TECHNICAL Elective 2, FLEX CORE 1, ENG 1121

Long Answer:

* List all courses till the eighth semester.

**Ans:**

1st: CET 1100, CET1111, CET1120, CET1150, ENG 1100, MAT1275

2nd semester: CET 1211, MAT 1375, CET 1250, ENG 1121, PHY 1433

3RD semester: CET 2312, MAT 1475, PHY 1434, CET 2350, CET 2370, CET 2390

4TH semester: CET 2450, CET 2455, CET 2461, Technical elective , MAT 1575

5th semester: flex core 1, CET 3510, CET 3525, MAT2680, ID,

6TH : FLEX CORE 2, CET 3615 ,CET 3625, CET 3640, TECHNICAL ELECTIVE 1

7TH: CET 4705, CET 4711, CET 4773, FLEX CORE 3, TECHNICAL Elective 2,

8th : CET 4811, CET 4864, CET 4805, COM1330 , FLEX CORE 4