

CC Report Addendum
MOTION 4: DTE major revision

CC Motion 3: Approve revision of the DTE major.

Major Sequence in Design, Technology, and Entrepreneurship:

A minimum of ~~ten~~ **twelve** courses, at least five of which are at the 300-level or higher. Eight core courses are required for all DTE majors and an additional four courses are required in each concentration.

All DTE majors are required to take the following core courses:

1. ~~THEA 310~~ **CS 126**
2. DTE 201
3. BUS 240
4. ~~THEA 377~~ **DTE 120**
5. PHYS 131
6. ~~ACC 113~~ **BUS 340**
7. DTE 312
8. DTE 490

Students choose a concentration and complete four more courses in their concentration.

Product Design Concentration requires the following courses:

1. ~~DTE 120 or DTE 125~~ **DTE 225**
2. **THEA 310**
3. **THEA 377**
4. DTE 329

~~Engineering Design~~ **Technology Design** Concentration requires the following courses:

1. **CS 128**
2. PHYS 305
3. PHYS 339
4. **Choose 1 of the following : PHYS 308 or THEA 310**

Entrepreneurship Concentration requires the following courses:

1. **ACC 113**
2. BUS 325
3. ~~SOC/PSCI 398~~ **BUS 440**
4. **Choose 1 of the following: BUS 331 or ART 141**

10-course to 12-course major:

1. To strengthen the concentrations within the major without weakening the core foundation and also to increase the technology being offered in the program.
2. Core foundation courses will remain at 8.
3. Concentrations will now require 4 courses as opposed to 2 previously.

Change the concentration “engineering design” to “technology design.”

Currently students perceive “engineering design” to be an engineering degree. It is not. Changing the name to “technology design” will not only alleviate this confusion, but will also reflect the addition of computer science to the concentration creating a more well-rounded technology approach.

Course substitutions within the core:

1. Replace ACC 113 with BUS 340
 - a. ACC 113 will remain in the Entrepreneurship Concentration. Basic accounting and financial skills are taught in BUS 240 and BUS 340. These basic skills will be sufficient for students concentrating in Product Design and Design Technology.
2. Replace THEA 377 with DTE 120
 - a. THEA 377 will remain in the Product Design Concentration. Consensus was that all students would benefit from skills in 3D Design and that the skills taught in THEA 377 suited the Product Design Concentration better.
3. Replace THEA 310 with CS 126
 - a. THEA 310 will remain in both the Product Design and Technology Design (as a choice) Concentrations. It was imperative to ensure that all DTE students received computer science skills especially in learning about web design. Technical Drawing skills are also necessary for students in Product Design and Technology Design.

Increase the number of courses in each concentration from two to four courses.

We believe the current curriculum does not provide for a strong concentration when only two classes are taught in that field. In order to deepen the students’ subject knowledge, we believe four classes are better equipped to create a student who feels confident in the field they choose with their concentration.