LBCC/OSU Transfer Engineering Advising Guide  Chemical Engineering 7/3/14
Taking the courses below will complete the LBCC Associate of Science Degree in Transfer Engineering; and will cover the full Freshman and Sophomore Chemical Engineering curriculum at OSU. The OSU curriculum can change periodically, see a LBCC Engineering Advisor for updates.

The **bolded** core courses **must** be completed before you can be admitted to your OSU Engineering Profession School and be eligible to take junior level engineering classes in your major. Your admission to the OSU Engineering Professional School is based on your grades in the bolded core classes. **Underlined** classes are prerequisites for junior classes in your major.

LBCC is a small school, deviating from this schedule can create course conflicts in following terms. However, many of the classes are also offered during other terms than those shown below. See an advisor for details. Plan ahead and schedule carefully.

The course schedule below is laid out in a standard two year format. Some of the terms shown may have unrealistically high course loads. Create term schedules that have realistic course loads that you can complete successfully. You should focus first on completing the core and pre-requisite classes, and schedule your other classes around that.

### Freshman Year

#### Fall
- ENGR111 Engr OrientationI(4)
- CH221 College Chemistry (3)
- MTH251 Calculus (5)
- WR121 CollegeWriting (3)
- HD120 Destination Graduation (1)

#### Winter
- ENGR112 Engr OrientationII(4)
- CH222 College Chemistry (5)
- MTH252 Calculus (5)
- COM111 or COM112 Speech (3)
- PE231 Lifetime Wellness(3)

#### Spring
- Biology (4)
- CH223 College Chemistry (5)
- MTH253 Calculus (4)
- WR227 Tech Report Writing(3)
- Cultural Diversity (3)

### Sophomore Year

#### Fall
- PH211 Physics (5)
- MTH254 Calculus (4)
- ENGR211 Statics (4)
- CH241 Organic Chemistry (3)
- CBEE211 (OSU) Mat Bal(3)
- ENGR201 DC Circuits (4)

#### Winter
- PH212 Physics (5)
- MTH265 Statistics (4)
- DPD Diff Power Discrimin(3)
- CH242 Organic Chemistry (5)
- CBEE212 (OSU) Eng Bal(3)
- Social Processes and Inst. (3)

#### Spring
- PH213 Physics (5)
- MTH256 Diff. Eqns (4)
- Western Culture (3)
- CH243 Organic Chemistry (5)
- CBEE213 (OSU) DataAnal(3)
- Literature and Arts (3)

### Notes:
1. CH221 has a prerequisite of CH150 or High School Chemistry + Passing a Chemistry Skills Test

2. The Sophomore year of this program is very full. The CBEE 211, 212 sequence is a prerequisite for junior classes. Students should students should enroll in the Degree Partnership Program before their Sophomore year and discuss their scheduling with an OSU advisor

3. The CH221, 222, 223; PH211, 212, 213, and ENGR211, 212, 213 sequences are also offered in the Winter, Spring, Summer terms. ENGR111, 112 sequence is also offered in the Winter, Spring terms