Labette Community College
Transfer Program to University of Kansas
B.S. in Chemical & Petroleum Engineering
(Subplans of Environmental, Biomedical, Petroleum, Pre-Med)

Number to call at KU for advising: (785) 864-4965
Website: http://www.cpe.engr.ku.edu/

Timely completion of prerequisites is imperative due to tight sequencing of major courses. Consult the KU catalog and seek KU advising early.

Transfer students must have at least a 2.5 GPA and proof of competency in Calculus.

Requirements (all students):

Chemical Engineering (including ALL subplans):

<table>
<thead>
<tr>
<th>KU Course Requirements</th>
<th>Labette Equivalents</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLISH (2 courses)</td>
<td></td>
</tr>
<tr>
<td>ENGL 101 Composition</td>
<td>ENGL 101 English Composition</td>
</tr>
<tr>
<td>ENGL 102 Critical Reading and Writing</td>
<td>ENGL 102 English Composition</td>
</tr>
<tr>
<td>MATH 125 Calculus</td>
<td>MATH 130 Calculus and Analytical Geometry</td>
</tr>
<tr>
<td>MATH 126 Calculus 2</td>
<td>MATH 131 Calculus and Analytical Geometry 2</td>
</tr>
<tr>
<td>MATH 127 Calculus 3</td>
<td>MATH 201 Calculus and Analytical Geometry 3</td>
</tr>
<tr>
<td>MATH 220 Differential Equations</td>
<td>No equivalent</td>
</tr>
<tr>
<td>MATH 290 Elementary Linear Algebra</td>
<td>No equivalent</td>
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Mathematics

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<table>
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<tr>
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<tbody>
<tr>
<td>PHYS 203 Engineering Physics</td>
<td>PHYS 203 Engineering Physics</td>
</tr>
<tr>
<td>PHYS 208 Engineering Physics 2</td>
<td>PHYS 208 Engineering Physics 2</td>
</tr>
<tr>
<td>CHEM 126 College Chemistry 2</td>
<td>CHEM 126 College Chemistry 2</td>
</tr>
<tr>
<td>CHEM 204 Organic Chemistry 1</td>
<td>CHEM 204 Organic Chemistry 1</td>
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</table>

Petroleum Engineering:

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</thead>
<tbody>
<tr>
<td>MATH 125 Calculus</td>
<td>MATH 130 Calculus and Analytical Geometry</td>
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<tr>
<td>MATH 126 Calculus 2</td>
<td>MATH 131 Calculus and Analytical Geometry 2</td>
</tr>
<tr>
<td>MATH 127 Calculus 3</td>
<td>MATH 201 Calculus and Analytical Geometry 3</td>
</tr>
<tr>
<td>MATH 220 Differential Equations</td>
<td>No equivalent</td>
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<tr>
<td>MATH 290 Elementary Linear Algebra</td>
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Natural Sciences

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<tr>
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<tbody>
<tr>
<td>CHEM 124 College Chemistry</td>
<td>CHEM 124 College Chemistry</td>
</tr>
<tr>
<td>CHEM 126 College Chemistry 2</td>
<td>CHEM 126 College Chemistry 2</td>
</tr>
<tr>
<td>GEOL 101 Principles Of Geology</td>
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</tr>
</tbody>
</table>

Communication

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<tbody>
<tr>
<td>COMM 101 Fundamentals Of Speech</td>
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</tr>
</tbody>
</table>
**KU Core Curriculum (additional requirements not covered by degree requirements)**

Additional courses that satisfy the KU Core are continuously updated and available at [http://kucore.ku.edu/courses](http://kucore.ku.edu/courses).

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<tr>
<th>KU Course Requirements</th>
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<tbody>
<tr>
<td><strong>Goal 2: Communication (3 Units) - two from outcome 1 and one from outcome 2</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Outcome 1 (not needed for Chemical)</strong></td>
<td><strong>GE21</strong></td>
</tr>
<tr>
<td>ENGL 101 Composition</td>
<td>ENGL 101 English Composition 3</td>
</tr>
<tr>
<td>ENGL 102 Critical Reading and Writing</td>
<td>ENGL 102 English Composition 3</td>
</tr>
<tr>
<td><strong>Outcome 2 (not needed for Petroleum)</strong></td>
<td><strong>GE22</strong></td>
</tr>
<tr>
<td>COMS 130 Speaker-Audience Communication</td>
<td>COMM 101 Fundamentals Of Speech 3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Goal 3: Breadth of Knowledge (3 Units) - one from each category</strong></th>
<th><strong>GE3H</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Arts &amp; Humanities</strong></td>
<td></td>
</tr>
<tr>
<td>HA 100 Intro Western Art</td>
<td>ART 130 Art Appreciation 3</td>
</tr>
<tr>
<td>PHIL 140 Intro to Philosophy</td>
<td>PHIL 101 Philosophy 3</td>
</tr>
<tr>
<td>REL 104 Intro to Religious Studies</td>
<td>REL 101 Comparative World Religions 3</td>
</tr>
<tr>
<td>ART 101 Drawing I</td>
<td>ART 103 Drawing 3</td>
</tr>
<tr>
<td>PHMD 101 Fundamentals of Photography</td>
<td>ART 120 Beginning Photography 3</td>
</tr>
<tr>
<td>HIST 128 Hist US through Civil War</td>
<td>HIST 101 American History To 1877 3</td>
</tr>
<tr>
<td>HIST 129 Hist of US After Civil War</td>
<td>HIST 102 American History Since 1877 3</td>
</tr>
<tr>
<td>HSES 244 Intro to Phys Ed and Sport Studies</td>
<td>PED 101 Intro to Physical Education 3</td>
</tr>
<tr>
<td><strong>Social Sciences</strong></td>
<td><strong>GE3S</strong></td>
</tr>
<tr>
<td>EPSY S305 Dev and Learning of the Young Child</td>
<td>EDUC 110 Child Development 3</td>
</tr>
<tr>
<td>ECON 142 Princ of Microeconomics</td>
<td>ECON 204 Microeconomics 3</td>
</tr>
<tr>
<td>ECON 144 Princ of Macroeconomics</td>
<td>ECON 203 Macroeconomics 3</td>
</tr>
<tr>
<td>POLS 110 Intro to US Politics</td>
<td>POLS 105 American Government 3</td>
</tr>
<tr>
<td>PSYC 104 General Psychology</td>
<td>PSYC 101 General Psychology 3</td>
</tr>
<tr>
<td>COMS 244 Interpersonal Communication</td>
<td>COMM 102 Interpersonal Communication 3</td>
</tr>
<tr>
<td>SOC 104 Elements of Sociology</td>
<td>SOCI 101 Sociology 3</td>
</tr>
<tr>
<td>SOC 220 Sociology of Families</td>
<td>SOCI 201 Marriage and Family 3</td>
</tr>
<tr>
<td>ANTH 100 General Anthropology</td>
<td>SOCI 207 Anthropology 3</td>
</tr>
<tr>
<td>JOUR 101 Media and Society</td>
<td>COMM 106 Intro to Mass Media 3</td>
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<tr>
<th><strong>Goal 4: Culture and Diversity (1 Unit from each outcome)</strong></th>
<th><strong>AE41</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Outcome 1</strong></td>
<td></td>
</tr>
<tr>
<td>SOC 160 Intro to Social Problems</td>
<td>SOCI 203 Social Problems 3</td>
</tr>
<tr>
<td>SOC 104 Elements of Sociology</td>
<td>SOCI 101 Sociology 3</td>
</tr>
<tr>
<td>SOC 220 Sociology of Families</td>
<td>SOCI 201 Marriage and Family 3</td>
</tr>
<tr>
<td><strong>Outcome 2</strong></td>
<td><strong>AE42</strong></td>
</tr>
<tr>
<td>HA 100 Intro Western Art</td>
<td>ART 130 Art Appreciation 3</td>
</tr>
<tr>
<td>GEOG 100 World Regional Geography</td>
<td>GEOG 101 World Regional Geography 3</td>
</tr>
<tr>
<td>REL 104 Intro to Religion</td>
<td>RELI 101 Comparative World Religions 3</td>
</tr>
</tbody>
</table>

- In order to graduate in four years, a student must transfer to KU after one year
• Pass/Fail Policy. Only courses used to fulfill English, Humanities, and Social Science requirements will be accepted with a “P” grade
• *PHSX 211 satisfies the PHSX 210 requirement for Engineering at KU
• “S” before a number (Ex. MATH S365) indicates the course will be satisfied but will not count toward the number of Junior/Senior (upper-level) hours required for graduation
• The requirements listed above are subject to annual change
• A maximum of 64 hours of community college course work can be applied toward a KU degree
• Courses with a grade of D or below do not transfer