# College of the Mainland
## Associate Degree of Applied Science in Process Technology

### PTAC Courses, Pre-Requisites and Requirements

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Semester 2</th>
<th>Semester 3</th>
<th>Semester 4</th>
<th>Semester 5</th>
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</thead>
<tbody>
<tr>
<td>ENGL 1301</td>
<td>CHEM 1405</td>
<td>PHYS 1401 or 1410</td>
<td>PTAC 2420 *</td>
<td>PTAC 2346 *</td>
</tr>
<tr>
<td>Composition and Rhetoric in Communication</td>
<td>Introduction to Chemistry</td>
<td>College or Applied Physics</td>
<td>Process Tech II - Systems</td>
<td>Process Troubleshooting</td>
</tr>
<tr>
<td>MATH 1314 or TECM 1343</td>
<td>PTAC 1310 *</td>
<td>PTAC 1332 *</td>
<td>PTAC 1354</td>
<td>PTAC 2438 *</td>
</tr>
<tr>
<td>College Algebra or Technical Algebra and Trigonometry</td>
<td>Process Tech I - Equipment</td>
<td>Instrumentation I</td>
<td>Industrial Processes</td>
<td>Process Technology III - Operations</td>
</tr>
<tr>
<td>PTAC 1302 *</td>
<td>PTAC 1308 *</td>
<td>PTAC 1350</td>
<td>SPCH 1315 or BUSI 2304</td>
<td>CTEC 2445</td>
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<tr>
<td>Intro to Process Technology</td>
<td>Safety, Health and Environment</td>
<td>Industrial Economics</td>
<td>Public Speaking or Business Communications</td>
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</tr>
<tr>
<td>SOCI 1301 or PSYC 2301 or PSYC1300</td>
<td>Humanities / Fine Arts</td>
<td>PTAC 2314 *</td>
<td>PHED 1164</td>
<td></td>
</tr>
<tr>
<td>Introduction Sociology or Psychology or Psychology for Success</td>
<td>Select a 3 credit hour course from: Humanities, Literature, Philosophy, Drama, Art, Music.</td>
<td>Quality</td>
<td>Introduction to Physical Fitness &amp; Sport</td>
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<tr>
<td>All course substitutions must be approved by the VP of Instruction.</td>
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</tbody>
</table>

* These are the 8 Core courses identified by the North American Process Technology Alliance.

**NOTES:** (1) All current catalog prerequisites MUST be followed. The prerequisites for older catalogs will not be honored. (2) This degree grid is for informational purposes only and does not constitute a contract. Students must meet all requirements of the college catalog in order to qualify for graduation. Catalogs expire and cannot be used for graduation after 5 years.

### Prerequisites for all courses MUST be satisfied.

- **#** - This course is an elective that requires pre-testing, interview and selection by industry personnel only.
- **!** - Students having taken PTAC 1352 or PTAC 1332 must take the PTAC 1432 Instrumentation I (currently change to PTAC 1332-2015) Course in place of the PTAC 2436 course.
- **•** - General education and core class prerequisites apply. Complete prerequisite information can be found in the class descriptions in the college catalog.
- **1** - All courses must be completed with a "C" or better.

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# Catalog Year 2015-2016

**Advisor Signature: ________________________________**

**Student Signature: ________________________________**

**Date: ____________________________**

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**Catalog Year 2015-2016**

**Associate Degree of Applied Science in Process Technology**

**PTAC Courses, Pre-Requisites and Requirements**

1. **Semester 1**
   - ENGL 1301: Composition and Rhetoric in Communication

2. **Semester 2**
   - CHEM 1405: Introduction to Chemistry

3. **Semester 3**
   - PHYS 1401 or 1410: College or Applied Physics

4. **Semester 4**
   - PTAC 2420 *: Process Tech II - Systems

5. **Semester 5**
   - PTAC 2346 *: Process Troubleshooting

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**PTAC Course Matrix 2008-2009 Updated 7-14-08 KMD**

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**12 14 13 11 12**