<table>
<thead>
<tr>
<th>REPUBLIC POLYTECHNIC Diploma in Renewable Energy Engineering</th>
<th>WICHITA STATE UNIVERSITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>A101/102: Basic Sciences I/II</td>
<td>Math/Natural Sciences General Education elective</td>
</tr>
<tr>
<td>A113: Mathematics I</td>
<td>STAT 370: Elementary Statistics</td>
</tr>
<tr>
<td>A114: Mathematics II</td>
<td>MATH 242: Calculus I</td>
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<tr>
<td>A207: Physics</td>
<td>Math/Natural Sciences General Education elective</td>
</tr>
<tr>
<td>A212: Advanced Mathematics II – Linear Algebra</td>
<td>MATH 511: Linear Algebra</td>
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<tr>
<td>A335: Energy Utilisation and Management</td>
<td>Elective</td>
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<tr>
<td>C105: Introduction to Programming</td>
<td>Elective</td>
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<tr>
<td>E105: Digital Electronics I</td>
<td>CS 194: Introduction to Digital Design</td>
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<tr>
<td>AND E201: Digital Electronics II</td>
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<tr>
<td>E112: Engineering Design</td>
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<tr>
<td>E203: Circuit Analysis</td>
<td>EE 282: Circuit Analysis</td>
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<tr>
<td>E204: Linear Circuits and Control</td>
<td>Electrical Engineering/Computer Science elective</td>
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<tr>
<td>E212: Facilities Planning and Design</td>
<td>Business elective</td>
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<tr>
<td>E213: Engineering Cost Decisions</td>
<td>IME 255: Engineering Economy</td>
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<tr>
<td>E219: Analogue Electronics</td>
<td>EE 492: Electronics Circuits I</td>
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<td>E241: Electrical Power Systems</td>
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<td>E242: Clean Energy Technologies</td>
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<tr>
<td>E328: Project Management</td>
<td>DS 655: Project Management</td>
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<td>E334: Reliability Engineering</td>
<td>Industrial/Manufacturing Engineering elective</td>
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<td>E381: Energy Systems Instrumentation</td>
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<tr>
<td>E382: Building Mechanical and Electrical Systems</td>
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<td>E383: Sustainable Energy Systems</td>
<td>Electrical Engineering/Computer Science elective</td>
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<td>E384: Green Building Technology and Design</td>
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<td>E385: Photovoltaic System Design</td>
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<td>E921: Industry Immersion Programme</td>
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<td>G101: Enterprise Skills 1</td>
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<td>G103: Introduction to Communication Practice</td>
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<tr>
<td>G105: Enterprise Skills 2</td>
<td>Business elective</td>
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<tr>
<td>G301: Project</td>
<td>Elective</td>
</tr>
<tr>
<td>G901: Creative Engagement</td>
<td>Elective</td>
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</tbody>
</table>

*Last updated: March 7, 2016*