Non-Traditional - LSIT Surveying Certification (18 Approved Surveying-Geomatics Semester Hours Required) Fall 2020**

<table>
<thead>
<tr>
<th>Student Name</th>
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<tbody>
<tr>
<td>Georgia Southern University</td>
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<tr>
<td>Allen E. Paulson College of Engineering and Computing</td>
</tr>
<tr>
<td>Department of Civil Engineering and Construction</td>
</tr>
<tr>
<td>Pathway for Georgia Surveying-Geomatics LSIT</td>
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</table>

** Program (CENG 2231) can start on any semester (or TCM 2233 can start in Fall or Spring semester) and generally at least one semester will require the completion of two (2) CENG Surveying-Geomatics courses.

*** PLS Lab allows the student to perform the required course lab off-campus under the supervision of a Professional Land Surveyor. Lecture material and testing material provided online for all CENG Surveying-Geomatics courses.

The required minimum passing grade for all CENG courses is a C.

The required minimum passing grade for all pre-requisite courses is a C.

<table>
<thead>
<tr>
<th>FALL 2020</th>
<th>1st Year</th>
<th>Prerequisite</th>
<th>Sem</th>
<th>Hrs</th>
<th>Gr</th>
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<tr>
<td>MATH 1111</td>
<td>College Algebra</td>
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<tr>
<td>MATH 1112 or MATH 1113 or MATH 1441</td>
<td>Trigonometry, Precalculus, Calculus I</td>
<td>3 (4)</td>
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<tr>
<td>ENGR 1133/ CENG 1133</td>
<td>Eng. Graphics or CE Graphics</td>
<td>3</td>
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<tr>
<td>CENG 2231 or TCM 2233</td>
<td>Surveying w/option of PLS lab*** or Construction Surveying</td>
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<tr>
<th>SPRING</th>
<th>2nd Year</th>
<th>Prerequisite</th>
<th>Sem</th>
<th>Hrs</th>
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<tbody>
<tr>
<td>CENG 5435*</td>
<td>Intro to Terrestrial LiDAR w/option of PLS lab***</td>
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<td>Approval of Instructor</td>
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<td>CENG 5436*</td>
<td>Intro to Close Range Photogrammetry w/option of PLS lab***</td>
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<td>CENG 5438</td>
<td>Surveying-Geomatics Prof Practice (online)</td>
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<td>CENG 5432</td>
<td>GIS in Surv.-Geomatics/Transport (Online)</td>
<td>CENG 2231 w/C or TCM 2233 w/C or permission of Instructor</td>
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<td>CENG 5431</td>
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** Must Choose from CENG 5435 or CENG 5436 in order to complete 18 Approved Surveying-Geomatics Semester credit hours.

Prerequisite: Seminar | Sem | Hrs | Gr |
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** Required minimum passing grade for all pre-requisite courses is a C.