

Academic Pathway to:  
**Civil Engineering Technology**

Associate in Science  
**Code:** 2178  
**Length:** 60 credits

For more information contact: **Darwin Gilmore**  
**Gilmored@chipola.edu**  
**850-718-2270**

**FRESHMAN YEAR**

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
ENC 1101 <sup>1</sup>	English Composition I	3	BCN 1214C <sup>5</sup>	Materials and Methods of Construction	3
EGN 1108 <sup>5</sup>	Engineering Graphics	3	ETD 2551 <sup>2,5</sup>	CAD Civil	3
MAC 1114 <sup>5</sup>	Plane Trigonometry	3	ETD 1842 <sup>5</sup>	3D Visualization with AutoCAD	1
ETD 1320 <sup>5</sup>	Introduction to AutoCAD	3	GIS 1060 <sup>5</sup>	Intro to GIS with ArcGIS	3
ETD 2340 <sup>5</sup>	AutoCAD Level II	3	STA 2023 <sup>5</sup>	Introduction to Statistics	3
SLS 1101	Orientation	1			
<b>TOTAL</b>		<b>16</b>	<b>TOTAL</b>		<b>13</b>

**SOPHOMORE YEAR**

1st Semester		Sem. Hrs.	2nd Semester		Sem. Hrs.
BCN 2598C <sup>5</sup>	Sustainable Building Systems	3	ETC 2521 <sup>5</sup>	Hydraulics and Hydrology	3
EGN 1002 <sup>5</sup>	Intro to Engineering	3	ETD 2554 <sup>2,5</sup>	CAD Surveying	3
GIS 2041 <sup>3,5</sup>	Intro to GIS and GPS Applications	3	XXX XXXX	HUMANITIES CORE	3
SUR 1101 <sup>5</sup>	Introduction to Surveying	3	SUR 2400 <sup>4,5</sup>	Legal Aspects of Surveying	3
PHY 1053C & 1053L	General Physics I and Lab	4	AMH 2020 Or POS 2041	American History since 1865 American Federal Government	3
<b>TOTAL</b>		<b>15-16</b>	<b>TOTAL</b>		<b>15</b>

<sup>1</sup> Non-credit developmental reading, writing, and/or math courses may also be required.

<sup>2</sup> Prerequisite: ETC 1320

<sup>3</sup> Prerequisite: GIS 1060

<sup>4</sup> Prerequisite: SUR 1101

<sup>5</sup> Must be completed with a "C" or higher.

<sup>6</sup> **Students enrolled in AA, AS, or BS degree programs must complete the State of Florida's Civic Literacy requirement as outlined in section 1007.25(4), Florida Statutes (F.S.). See catalog or contact an Academic Advisor for more information.**

*While academic advisors, faculty and staff provide significant academic planning and related assistance to students, completion of all degree requirements, and the process of monitoring progress to that end, is ultimately the responsibility of the student.*