

GLOUCESTER COUNTY COLLEGE  
BUSINESS AND TECHNOLOGY DIVISION

GRADUATION CONTROL SHEET

**CIVIL ENGINEERING TECHNOLOGY**  
**Associate in Applied Science (A.A.S.) - Career**

This curriculum will provide students with the necessary education and skills for gainful employment in the civil engineering technology field. The program is designed to blend technology with liberal arts electives in a manner which will make students more effective practitioners within the field.

**FIRST YEAR - Fall Semester**

			<b><u>Credits</u></b>
_____	COM 101	English Composition I	3
_____	DFT 103	CADD I (AutoCAD)	3
_____	MAT 110	Algebra and Trigonometry	4
_____	CET 101	Introduction to Materials	3
_____	PHY 107	Technical Physics I*	4
			<b>17</b>

**Spring Semester**

_____	COM 102	English Composition II	3
_____	DFT 113	CADD II (Advanced AutoCAD)	3
_____	MAT 107	Pre-Calculus and Mathematical Analysis	4
_____	PHY 108	Technical Physics II*	4
_____	_____	Humanities Elective**	3
			<b>17</b>

**SECOND YEAR - Fall Semester**

_____	CET 108	Introduction to Surveying	3
_____	DFT 211	Architectural and Civil Planning	3
_____	CET 203	Applied Statics	3
_____	CET 207	Hydraulics	3
_____	SOC 130	Society and Technology	3
_____	HPE _____	Physical Education Elective	1-3
			<b>16-18</b>

**Spring Semester**

_____	CET 204	Structural Systems	3
_____	CET 205	Applied Strength of Materials	3
_____	CET 208	Route and Construction Surveying	3
_____	CET 210	Advanced Hydraulics	3
_____	_____	Humanities Elective**	3
_____	_____	Social Science Elective**	3
			<b>18</b>

**TOTAL MINIMUM CREDITS: 68-70**

\* Other four-credit math or physics courses may be selected upon the approval of the Dean.

\*\*Choose from any general education electives listed in the College Catalog.

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**REQUIRED CORE AND ELECTIVE COURSES**

		<b><u>Credits</u></b>
<b><u>Communications</u></b>		
English Composition I	COM 101	3
English Composition II	COM 102	3
<b><u>Humanities</u></b>		
Humanities Electives	_____	3
	_____	3
<b><u>Social Science</u></b>		
Society and Technology	SOC 130	3
Social Science Elective	_____	3
<b><u>HPE</u></b>		
Physical Education Elective	HPE _____	1-3
<b><u>Mathematics</u></b>		
Pre-Calculus and Mathematical Analysis	MAT 107	4
Algebra and Trigonometry	MAT 110	4
<b><u>Science</u></b>		
Technical Physics I	PHY 107	4
Technical Physics II	PHY 108	4
<b><u>Technical</u></b>		
Introduction to Materials	CET 101	3
Introduction to Surveying	CET 108	3
Applied Statics	CET 203	3
Structural System	CET 204	3
Applied Strength of Materials	CET 205	3
Hydraulics	CET 207	3
Route and Construction Surveying	CET 208	3
Advanced Hydraulics	CET 210	3
CADD I (AutoCAD)	DFT 103	3
CADD II (Advanced AutoCAD)	DFT 113	3
Architectural and Civil Planning	DFT 211	3
<b><u>TOTAL MINIMUM CREDITS:</u></b>		<b>68-70</b>

**Humanities:** Art, Music, Foreign Language, Speech, Creative Writing, Journalism, Business, Communications, Philosophy.

**Social Sciences:** History, Political Science, Economics, Sociology, Psychology, Education.

**NOTE:** Humanities, Social Science, and Mathematics Electives must be chosen from the approved list of General Education courses. Reference the College Catalog and/or the Counseling Office.