

GLOUCESTER COUNTY COLLEGE  
BUSINESS AND TECHNOLOGY DIVISION

GRADUATION CONTROL SHEET

**DRAFTING AND DESIGN TECHNOLOGY**  
**Associate in Applied Science (A.A.S.) - Career**

This career program guides students toward employment as drafting technicians upon graduation from Gloucester County College. As in other technology programs, humanities and technology combine to prepare students for a wide range of positions in the field.

<b><u>FIRST YEAR - Fall Semester</u></b>			<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>
<b><u>Spring Semester</u></b>			
_____	COM 102	English Composition II	3
_____	DFT 113	CADD II (Advanced AutoCAD)	3
_____	MAT 111	Algebra and Differential Calculus	4
_____	PHY 108	Technical Physics II*	4
_____	_____	Humanities Elective**	3
			<b>17</b>
<b><u>SECOND YEAR - Fall Semester</u></b>			
_____	CET 108	Introduction to Surveying	3
_____	CET 203	Applied Statics	3
_____	DFT 211	Architectural and Civil Planning	3
_____	DFT 125	Introduction to ArcVIEW	3
_____	SOC 130	Society and Technology	3
_____	HPE _____	Physical Education Elective	1-3
			<b>16-18</b>
<b><u>Spring Semester</u></b>			
_____	CET 204	Structural Systems	3
_____	CET 208	Route and Construction Surveying (optional)	(3)
_____	DFT 203	CADD Applications	3
_____	DFT 233	AutoCAD Programming and Customization	3
_____	_____	Humanities Elective**	3
_____	_____	Social Science Elective**	3
			<b>15-18</b>
			<b>3</b>
<b><u>TOTAL MINIMUM CREDITS:</u></b>			<b>65-69</b>

\* Other four-credit physics courses may be selected upon the approval of the Division 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>		
Algebra and Trigonometry	MAT 110	4
Algebra and Differential Calculus	MAT 111	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 Systems	CET 204	3
Route and Construction Surveying (optional)	CET 208	(3)
CADD I (AutoCAD)	DFT 103	3
CADD II (Advanced AutoCAD)	DFT 113	3
Introduction to ArcVIEW	DFT 125	3
CADD Applications	DFT 203	3
Architectural and Civil Planning	DFT 211	3
AutoCAD Programming and Customization	DFT 233	3
<b><u>TOTAL MINIMUM CREDITS:</u></b>		<b>65-69</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.

Date of last revision: 04/05