

GLOUCESTER COUNTY COLLEGE
BUSINESS AND TECHNOLOGY DIVISION

GRADUATION CONTROL SHEET

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

This option trains students as surveying technicians. Enrollment in this surveying option will include the technical, theoretical and legal aspects of surveying.

FIRST YEAR - Fall Semester

			<u>Credits</u>
_____	COM 101	English Composition I	3
_____	DFT 103	CADD I (AutoCad)	3
_____	MAT 107	Pre-Calculus and Mathematical Analysis**	4
_____	PHY 103	General Physics I**	4
_____	SOC 130	Society and Technology	3
			17

Spring Semester

_____	BUS 107	Business Law I	3
_____	COM 102	English Composition II	3
_____	MAT 108	Calculus I**	4
_____	PHY 104	General Physics II**	4
_____	PHI 104	Ethics	3
			17

SECOND YEAR - Fall Semester

_____	BUS 108	Business Law II	3
_____	CET 108	Introduction to Surveying	3
_____	CET 207	Hydraulics	3
_____	DFT 211	Architectural and Civil Planning	3
_____	_____	Social Science Elective	3
_____	HPE _____	Physical Education Elective	1-3
			16-18

Spring Semester

_____	MAT 103	Statistics	3
_____	CET 206	Evidence and Procedures for Boundary Location	3
_____	CET 208	Route and Construction Surveying	3
_____	CSC 111	Programming I: College BASIC	4
_____	_____	Humanities Elective	3
			16

TOTAL MINIMUM CREDITS: 66-68

* Gloucester County College maintains an articulation agreement with the New Jersey Institute of Technology for this program.

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

CIS 210 is recommended for transfer to NJIT.

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REQUIRED CORE AND ELECTIVE COURSES

		<u>Credits</u>
<u>Communications</u>		
English Composition I	COM 101	3
English Composition II	COM 102	3
<u>Humanities</u>		
Ethics	PHI 104	3
Humanities Elective	_____	3
<u>Social Science</u>		
Society and Technology	SOC 130	3
Social Science Elective	_____	3
<u>HPE</u>		
Physical Education Elective	HPE _____	1-3
<u>Mathematics</u>		
Statistics	MAT 103	3
Pre-Calculus and Mathematical Analysis	MAT 107	4
Calculus I	MAT 108	4
<u>Computer Science</u>		
Programming I: College BASIC	CSC 111	4
<u>Science</u>		
General Physics I	PHY 103	4
General Physics II	PHY 104	4
<u>Business</u>		
Business Law I	BUS 107	3
Business Law II	BUS 108	3
<u>Technical</u>		
Introduction to Surveying	CET 108	3
Evidence and Procedures for Boundary Location	CET 206	3
Hydraulics	CET 207	3
Route and Construction Surveying	CET 208	3
CADD I (AutoCAD)	DFT 103	3
Architectural and Civil Planning	DFT 211	3

TOTAL MINIMUM CREDITS: 66-68

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