

GLOUCESTER COUNTY COLLEGE
BUSINESS AND TECHNOLOGY DIVISION

GRADUATION CONTROL SHEET

CIVIL ENGINEERING TECHNOLOGY
Construction Management Option
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.

| <u>FIRST YEAR - Fall Semester</u> | | | <u>Credits</u> |
|---|-----------|---|--|
| _____ | 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 103 | General Physics I | 4 |
| | | | 17 |
| <u>Spring Semester</u> | | | |
| _____ | COM 102 | English Composition II | 3 |
| _____ | DFT 113 | CADD II (Advanced AutoCAD) | 3 |
| _____ | MAT 115 | College Geometry | 3 |
| _____ | PHY 104 | General Physics II | 4 |
| _____ | COM 105 | Technical and Scientific Writing | 3 |
| | | | 16 |
| <u>SECOND YEAR - Fall Semester</u> | | | |
| _____ | CET 108 | Introduction to Surveying | 3 |
| _____ | DFT 211 | Architectural and Civil Planning | 3 |
| _____ | CET 203 | Applied Statics | 3 |
| _____ | CET 201 | Codes, Contracts, and Specifications | 3 |
| _____ | SOC 130 | Society and Technology | 3 |
| _____ | HPE _____ | Physical Education Elective | 1-3 |
| | | | 16-18 |
| <u>Spring Semester</u> | | | |
| _____ | CET 204 | Structural Systems | 3 |
| _____ | CET 206 | Evidence and Procedures for Boundary Location | 3 |
| _____ | CET 209 | Cost Estimating | 3 |
| _____ | _____ | Humanities Elective* | 3 |
| _____ | _____ | Social Science Elective* | 3 |
| | | | 15 |
| | | | <u>TOTAL MINIMUM CREDITS:</u> 64-66 |

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

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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> | | |
| Technical and Scientific Writing | COM 105 | 3 |
| Humanities Electives | _____ | 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> | | |
| Algebra and Trigonometry | MAT 110 | 4 |
| College Geometry | MAT 115 | 3 |
| <u>Science</u> | | |
| General Physics I | PHY 103 | 4 |
| General Physics II | PHY 104 | 4 |
| <u>Technical</u> | | |
| Introduction to Materials | CET 101 | 3 |
| Introduction to Surveying | CET 108 | 3 |
| Codes, Contracts and Specifications | CET 201 | 3 |
| Applied Statics | CET 203 | 3 |
| Structural Systems | CET 204 | 3 |
| Evidence and Procedures for Boundary Location | CET 206 | 3 |
| Cost Estimating | CET 209 | 3 |
| CADD I (AutoCAD) | DFT 103 | 3 |
| CADD II (Advanced AutoCAD) | DFT 113 | 3 |
| Architectural and Civil Planning | DFT 211 | 3 |
| <u>TOTAL MINIMUM CREDITS:</u> | | 64-66 |

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