

CIVIL ENGINEERING TECHNOLOGY CURRICULUM

First Year—Fall Semester

Course #	Course Name	Hours		Sem.
		R	L	Cr.
MA 1213	College Algebra	3	0	3
MA 1212	Plane Trigonometry	2	0	2
CL 1312	Materials Sampling & Testing	0	2	2
MT 1112	Technical Drafting	0	2	2
EN 1713	English Composition I	3	0	3
	Humanities/Social Science Elective	2	0	2
CP 1212	Intro to Computer Techniques	1	1	2
TOTAL CREDITS				16

First Year—Spring Semester

SC 1124	Physics I	3	1	4
MA 1224	Analytical Geometry and Calculus	4	0	4
CL 1124	Plane Surveying	2	2	4
CL 1222	Civil Technology Drafting	0	2	2
EN 2713	Technical Writing	3	0	3
TOTAL CREDITS				17

Second Year—Fall Semester

CL 2435	Statics & Strength of Materials	5	0	5
CL 2322	Soils & Foundations	1	1	2
CL 2134	Route Location Surveying	2	2	4
CL 2532	Construction Methods & Estimating	1	1	2
MT 2533	Fluid Mechanics	2	1	3
TOTAL CREDITS				16

Second Year—Spring Semester

CL 2445	Structural Design	3	2	5
CL 2444	Transportation Systems	2	2	4
SH 1312	Public Speaking	2	0	2
	Physical Science Elective	3	1	4
	Humanities/Social Science Elective	3	0	3
TOTAL CREDITS				18

Total semester credits required for Associate of
Technology Degree 67

Civil Electives:

CL 1122	Construction Surveying	1	1	2
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Physical Science Electives:

SC 1114	Chemistry I	3	1	4
SC 2334	Physics II	3	1	4

January, 1991

CIVIL ENGINEERING TECHNOLOGY
Curriculum Worksheet

Name _____

1st

2nd

3rd

4th

College Algebra

MA 1213

3/0

Physics I

SC 1124

3/1

Statics & Strength of
Materials

CL 2435

5/0

Structural Design

CL 2445

3/2

Plane Trigonometry

MA 1212

2/0

Analytical Geometry and
Calculus

MA 1224

4/0

Soils & Foundations

CL 2322

1/1

Transportation Systems

CL 2444

2/2

Materials Sampling &
Testing

CL 1312

0/2

Plane Surveying

CL 1124

2/2

Route Location Surveying

CL 2134

2/2

Public Speaking

SH 1312

2/0

Technical Drafting

MT 1112

0/2

Civil Technology Drafting

CL 1222

0/2

Construction Methods &
Estimating

CL 2532

1/1

Physical Science Elective

3/1

English Composition I

EN 1713

3/0

Technical Writing

EN 2713

3/0

Fluid Mechanics

MT 2533

2/1

Humanities/Social Science
Elective

3/0

Humanities/Social Science
Elective

2/0

Introduction to Computer
Techniques

CP 1212

1/1

11/5 = 16

12/5 = 17

11/5 = 16

13/5 = 18