ENGINEERING

AS

ECC Courses

General Education Requirements			
Commun	ications		
ENG 101	0 1		3
ENG 105	Technical writing		3
0.10			
Social Sci	ience		
ANT 101	PSY 101, SOC 101 or POL 104		3
	Principles of Economics	·	3
			-
Lab Scier	nce/ Math		
CHM 103	General Chemistry I		4
	Calculus w/ Geometry I		4
	Calculus w/ Geometry II		4
			-
Physical	Ed/Health		
PHE 119	Concepts in Physical Ed		2
	_		
Humanit	ies		
HST XXX	History Elective		3
	Literature Elective		3
ART 101			3
Major Req	uirements		
ENR 103	Engineering Graphic		2
ENR 105	Applied CAD		2
BIO 103	General Biology I		4
ENR 211	Engineering Mechanics I		3
MTH 239	Intro to Linear Algebra		3
Additional	Requirements		
CSC 112	Comp. Prog. for Engr & Tech		3
	General Chemistry II		4
	Calculus w/Geometry III		4
	Differential Equations		4
	General Physics I/Lab		4
	General Physics II/Lab		4

Total Credits Required

69-75

Total Transferable Credits

69-72

NOTES/COMMENTS

Students may take BME 301 or BME 302 via cross registration to satisfy ECC graduation requirements. All cross registration course are subject to departmental approval.

BIOMEDICAL ENGINEERING

General Education Requirements

BS

3

3

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2

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3

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4

4

4

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NJIT Equivalent Courses

HSS 101 Writing Speaking

ENG 352 Technical writing

Social Science Requirement

CHEM 125 General Chemistry I

Cultural History

Cultural History

Engineering Graphics

Comp. Prog. & Prob Solving

General Biology I

Engineering Mechanics

Communications

Social Science

SS 201 Economics

Lab Science/ Math

MATH 111 Calculus I

MATH 112 Calculus II

Physical Ed/Health

Phys. Ed GUR Elective

Lit/Hist/Phil/STS Elective

2MATH 337 Linear Algebra

CHEM 126/124 General Chemistry II

MATH 222 Differential Equations

PHY 111/111A General Physics I/Lab

PHY 121/121A General Physics II/Lab

Additional Requirement

MATH 211 Calculus III

Major Requirements

Does Not Transfer

Humanities

HSS 21X

HSS 21X

EG 101

R120: 101

CIS 101

MECH 234

ENGINEERING

AS

ECC Courses

Communications ENG 101 College Comp I 3 ENG 105 Technical writing 3 Social Science 3 ANT 101, PSY 101, SOC 101 or POL 104 3 ECO 101 Principles of Economics 3 Lab Science/ Math 4 CHM 103 General Chemistry I 4 MTH 121 Calculus w/ Geometry I 4 MTH 122 Calculus w/ Geometry I 4 Physical Ed/Health 2 2 Humanities 2 3 HST XXX History Elective 3 ENG 2XX Literature Elective 3 ART 101 Art History 3 Major Requirements 2 2 ENR 103 Engineering Graphic 2 CHM 203 Organic Chemistry I 4 CHM 204 Organic Chemistry I 4 Additional Requirements 3 3 CSC 112 Comp. Prog. for Engr & Tech 3 CHM 104 General Chemistry II 4 4 MTH 222 Differential Equations 4 <	General Education Requirements			
ENG 105 Technical writing 3 Social Science ANT 101, PSY 101, SOC 101 or POL 104 3 ECO 101 Principles of Economics 3 Lab Science/ Math 4 CHM 103 General Chemistry I 4 MTH 121 Calculus w/ Geometry I 4 MTH 122 Calculus w/ Geometry II 4 Physical Ed/Health 2 Humanities 2 HST XXX History Elective 3 ENG 2XX Literature Elective 3 ART 101 Art History 3 Major Requirements 2 2 ENR 103 Engineering Graphic 2 CHM 203 Organic Chemistry I 4 Additional Requirements 4 CSC 112 Comp. Prog. for Engr & Tech 3 CHM 104 General Chemistry II 4 4 MTH 221 Calculus w/Geometry III 4 MTH 221 Differential Equations 4 4	Commun	ications		
ANT 101, PSY 101, SOC 101 or POL 104 3 ECO 101 Principles of Economics 3 Lab Science/ Math 4 MTH 121 Calculus w/ Geometry I 4 MTH 122 Calculus w/ Geometry I 4 MTH 122 Calculus w/ Geometry I 4 Physical Ed/Health 2 Physical Ed/Health 2 Humanities 3 HST XXX History Elective 3 ENG 2XX Literature Elective 3 ART 101 Art History 3 Major Requirements 2 ENR 103 Engineering Graphic 2 ENR 103 Engineering Graphic 2 CHM 203 Organic Chemistry I 4 Additional Requirements 4 CSC 112 Comp. Prog. for Engr & Tech 3 CHM 104 General Chemistry II 4 MTH 221 Calculus w/Geometry III 4 MTH 222 Differential Equations 4 MTH 222 Differential Equations 4				
ECO 101 Principles of Economics 3 Lab Science/ Math (HM 103) General Chemistry I 4 MTH 121 Calculus w/ Geometry I 4 MTH 122 Calculus w/ Geometry II 4 Physical Ed/Health 2 PHE 119 Concepts in Physical Ed 2 Humanities 3 HST XXX History Elective 3 ENG 2XX Literature Elective 3 ART 101 Art History 3 Major Requirements 2 ENR 103 Engineering Graphic 2 ENR 103 Organic Chemistry I 4 Additional Requirements 4 4 Additional Requirements 3 3 MTH 221 Calculus w/Geometry II 4 4 MTH 221 Calculus w/Geometry II 4 4 MTH 222 Differential Equations 4 4	Social Sci	ience		
CHM 103 General Chemistry I 4 MTH 121 Calculus w/ Geometry I 4 MTH 122 Calculus w/ Geometry II 4 Physical Ed/Health 2 PHE 119 Concepts in Physical Ed 2 Humanities 2 HST XXX History Elective 3 ENG 2XX Literature Elective 3 ART 101 Art History 3 Major Requirements 2 ENR 103 Engineering Graphic 2 ENR 103 Organic Chemistry I 4 CHM 203 Organic Chemistry I 4 Additional Requirements 3 3 CSC 112 Comp. Prog. for Engr & Tech 3 3 Additional Requirements 4 4 4 MTH 221 Calculus w/Geometry II 4 4 MTH 222 Differential Equations 4 4				
MTH 121 Calculus w/ Geometry I 4 MTH 122 Calculus w/ Geometry II 4 Physical Ed/Health 2 PHE 119 Concepts in Physical Ed 2 Humanities 2 HST XXX History Elective 3 ENG 2XX Literature Elective 3 ART 101 Art History 3 Major Requirements 2 ENR 103 Engineering Graphic 2 ENR 105 Applied CAD 2 CHM 203 Organic Chemistry I 4 Additional Requirements 4 CSC 112 Comp. Prog. for Engr & Tech 3 CHM 104 General Chemistry II 4 4 MTH 222 Differential Equations 4 4	Lab Scier	nce/ Math		
PHE 119 Concepts in Physical Ed 2 Humanities 3 HST XXX History Elective 3 ENG 2XX Literature Elective 3 ART 101 Art History 3 Major Requirements 2 ENR 103 Engineering Graphic 2 ENR 105 Applied CAD 2 CHM 203 Organic Chemistry I 4 CHM 204 Organic Chemistry II 4 Additional Requirements 3 CSC 112 Comp. Prog. for Engr & Tech 3 CHM 104 General Chemistry II 4 MTH 221 Calculus w/Geometry III 4 MTH 222 Differential Equations 4 PHY 103 General Physics I/Lab 4	MTH 121	Calculus w/ Geometry I		4
Humanities HST XXX History Elective 3 ENG 2XX Literature Elective 3 ART 101 Art History 3 Major Requirements ENR 103 Engineering Graphic 2 ENR 105 Applied CAD 2 CHM 203 Organic Chemistry I 4 CHM 204 Organic Chemistry II 4 Additional Requirements 3 CSC 112 Comp. Prog. for Engr & Tech 3 CHM 104 General Chemistry II 4 MTH 221 Calculus w/Geometry III 4 MTH 222 Differential Equations 4 PHY 103 General Physics I/Lab 4	Physical Ed/Health			
HST XXX History Elective 3 ENG 2XX Literature Elective 3 ART 101 Art History 3 Major Requirements 2 ENR 103 Engineering Graphic 2 ENR 105 Applied CAD 2 CHM 203 Organic Chemistry I 4 Additional Requirements 4 Additional Requirements 3 CSC 112 Comp. Prog. for Engr & Tech 3 CHM 104 General Chemistry II 4 MTH 221 Calculus w/Geometry III 4 MTH 222 Differential Equations 4 PHY 103 General Physics I/Lab 4	PHE 119	Concepts in Physical Ed		2
ENG 2XX Literature Elective 3 ART 101 Art History 3 Major Requirements 3 ENR 103 Engineering Graphic 2 ENR 105 Applied CAD 2 CHM 203 Organic Chemistry I 4 CHM 204 Organic Chemistry II 4 Additional Requirements 3 CSC 112 Comp. Prog. for Engr & Tech 3 CHM 104 General Chemistry II 4 MTH 221 Calculus w/Geometry III 4 MTH 222 Differential Equations 4 PHY 103 General Physics I/Lab 4	Humanit	ies		
ENR 103 Engineering Graphic 2 ENR 105 Applied CAD 2 CHM 203 Organic Chemistry I 4 CHM 204 Organic Chemistry II 4 Additional Requirements 4 CSC 112 Comp. Prog. for Engr & Tech 3 CHM 104 General Chemistry II 4 MTH 221 Calculus w/Geometry III 4 MTH 222 Differential Equations 4 PHY 103 General Physics I/Lab 4	ENG 2XX ART 101	Literature Elective Art History		3
ENR 105 Applied CAD 2 CHM 203 Organic Chemistry I 4 CHM 204 Organic Chemistry II 4 Additional Requirements 4 CSC 112 Comp. Prog. for Engr & Tech 3 CHM 104 General Chemistry II 4 MTH 221 Calculus w/Geometry III 4 MTH 222 Differential Equations 4 PHY 103 General Physics I/Lab 4	Major Req	uirements		
CSC 112Comp. Prog. for Engr & Tech3CHM 104 General Chemistry II4MTH 221 Calculus w/Geometry III4MTH 222 Differential Equations4PHY 103General Physics I/Lab4	ENR 105 CHM 203	Applied CAD Organic Chemistry I		2 4
CHM 104 General Chemistry II4MTH 221 Calculus w/Geometry III4MTH 222 Differential Equations4PHY 103 General Physics I/Lab4	Additional	Requirements		
	CHM 104 MTH 221 MTH 222 PHY 103	General Chemistry II Calculus w/Geometry III Differential Equations General Physics I/Lab		4 4 4 4

Total Credits Required

69-75

CHEMICAL ENGINEERING

BS

NJIT Equivalent Courses

General Education Requirements		
Communications		
HSS 101 Writing Speaking	3	
ENG 352 Technical writing	3	
Social Science		
Social Science Requirement	3	
SS 201 Economics	3	
Lab Science/ Math		
CHEM 125 General Chemistry I	4	
MATH 111 Calculus I	4	
MATH 112 Calculus II	4	
Physical Ed/Health		
Phys. Ed GUR Elective	2	
Humanities		
HSS 21X Cultural History	3	
HSS 21X Cultural History	3	
Lit/Hist/Phil/STS Elective	3	
Moior Dogrinomonto		
Major Requirements		
Does Not Transfer		
EG 101 Engineering Graphics	2	
CHEM 243 Organic Chemistry I	3	
CHEM 244/A Organic Chemistry II w/Lab	4	
Additional Degringments		
Additional Requirements		
CIS 101 Comp. Prog. & Prob Solving	2	
CHEM 126/124 General Chemistry II	4	
MATH 211 Calculus III	4	
MATH 222 Differential Equations	4	
PHY 111/111A General Physics I/Lab	4	
PHY 121/121A General Physics II/Lab	4	
Total Transferable Credits69	9-72	
-		

NOTES/COMMENTS

Students may take ChE 221, Chem 221, Chem 231, ChE 232, or Chem 235 via cross registration to satisfy ECC graduation requirements. All cross registration course are subject to departmental approval.

ENGINEERING

AS

ECC Courses

General Ed	lucation Requirements		
Commun			
commun			
ENG 101	College Comp I		3
ENG 105	Technical writing		3
	0		
Social Sci	ience		
ANT 101, 1	PSY 101, SOC 101 or POL 104		3
	Principles of Economics		3
	-		
Lab Scier	nce/ Math		
CHM 103	General Chemistry I		4
	Calculus w/ Geometry I		4
	Calculus w/ Geometry II		
	, ,		
Physical	Ed/Health		
PHE 119	Concepts in Physical Ed		2
	1		
Humanit	ies		
11 uniunit.			
HST XXX	History Elective		3
	Literature Elective		
	Art History		3
			-
Major Req	uirements		
ENR 103	Engineering Graphic		2
ENR 105			2
ENR 211			3
ENR 212			3
ENR 212 ENR 220			4
EINK 220	Wite materials		т
Additional	Doguiromonto		
Additional	Requirements		
CCC 110	Comp Brog for Error & Tesh		2
	Comp. Prog. for Engr & Tech		
	General Chemistry II		4
	Calculus w/Geometry III		4
	Differential Equations		4
PHY 103	General Physics I/Lab		4
PHY 104	General Physics II/Lab		4
Total Credi	its Required	69-7	'5
	1		

CIVIL ENGINEERING

BS

NJIT Equivalent Courses

General Education Requirements Communications HSS 101 Writing Speaking 3 ENG 352 Technical writing 3 Social Science 3 Social Science Requirement 3 SS 201 Economics 3 Lab Science/ Math 4 CHEM 125 General Chemistry I 4 MATH 111 Calculus I 4
HSS 101 Writing Speaking 3 ENG 352 Technical writing 3 Social Science 3 Social Science Requirement 3 SS 201 Economics 3 Lab Science/ Math 4 CHEM 125 General Chemistry I 4
ENG 352 Technical writing 3 Social Science 3 Social Science Requirement 3 SS 201 Economics 3 Lab Science/ Math 4 CHEM 125 General Chemistry I 4
Social Science Social Science Requirement 3 SS 201 Economics 3 Lab Science/ Math CHEM 125 General Chemistry I 4 MATH 111 Calculus I 4
Social Science Requirement3SS 201 Economics3Lab Science/ Math4CHEM 125General Chemistry I4MATH 111Calculus I4
Social Science Requirement3SS 201 Economics3Lab Science/ Math4CHEM 125General Chemistry I4MATH 111Calculus I4
SS 201 Economics 3 Lab Science/ Math CHEM 125 General Chemistry I 4 MATH 111 Calculus I 4
SS 201 Economics 3 Lab Science/ Math CHEM 125 General Chemistry I 4 MATH 111 Calculus I 4
Lab Science/ Math CHEM 125 General Chemistry I 4 MATH 111 Calculus I 4
CHEM 125General Chemistry I4MATH 111Calculus I4
CHEM 125General Chemistry I4MATH 111Calculus I4
MATH 111 Calculus I 4
MATH 111 Calculus I 4
MATH 112 Calculus II 4
Physical Ed/Health
Phys. Ed GUR Elective2
Humanities
numannues
HSS 21X Cultural History 3
HSS 21X Cultural History 3
Lit/Hist/Phil/STS Elective 3
Major Requirements
, 1
Does Not Transfer
EG 101 Engineering Graphics 2
MECH 234 Engineering Mechanics 2
MECH 236 Dynamics 2
MECH 237/A Strengths of Materials 4
Additional Department on to
Additional Requirements
CIS 101 Comp. Prog. & Prob Solving 2
CHEM 126/124 General Chemistry II 4
MATH 211 Calculus III A 4
MATH 222 Differential Equations 4
PHY 111/111A General Physics I/Lab 4
PHY 121/121A General Physics II/Lab 4
Total Transferable Credits69-72

NOTES/COMMENTS

Students may take CE 200/200A, CE 210 or CE 260 via cross registration to satisfy ECC graduation requirements. All cross registration course are subject to departmental approval.

ENGINEERING

AS

ECC Courses

	cation Requirements	
Communic	cations	
ENG 101	College Comp I	3
ENG 105 T	echnical writing	3
Social Scie	nce	
ANT 101, PS	6Y 101, SOC 101 or POL 104	3
ECO 101 P	rinciples of Economics	3
Lab Scienc	e/ Math	
CHM 103 C	General Chemistry I	4
	Calculus w/ Geometry I	4
	Calculus w/ Geometry II	4
Physical Ec	d/Health	
PHE 119	Concepts in Physical Ed	2
Humanitie	S	
HST XXX H	listory Elective	3
ENG 2XX L	iterature Elective	3
ART 101 A	art History	3
Major Requi	irements	
ENR 103 E	ngineering Graphic	2
ENR 105 A	applied CAD	2
ENR 105 A ELC 230 NJIT S	Circuits & Systems	3
NJIT S	ee Footnote	4
NJIT S	ee Footnote	
Additional F	Requirements	
CSC 121 Co	omouter Science I	3
	ata Structures II	4
	lculus w/Geometry III	4
	ifferential Equations	4
	eneral Physics II/Lab	4
PHY 103 Ge	eneral Physics I/Lab	4
Total Credits	s Required	69-75

COMPUTER ENGINEERING

BS

NJIT Equivalent Courses

General Education Requirements	
Communications	
HSS 101 Writing Speaking	3
ENG 352 Technical writing	3
Social Science	
Social Science Requirement SS 201 Economics	3 3
Lab Science/ Math	
CHEM 125 General Chemistry I	4
MATH 111 Calculus I	4
MATH 112 Calculus II	4
Physical Ed/Health	
Phys. Ed GUR Elective	2
Humanities	
HSS 21X Cultural History	3
HSS 21X Cultural History	3
Lit/Hist/Phil/STS Elective	3
Major Requirements	
Does Not Transfer	
EG 101 Engineering Graphics	2
ECE 231 Circuits & Systems I	3
ECE 251 Digital Design	3
ECR 271 Digital Electronics	3
Additional Requirements	
CIS 113 Intro to Computer Science	2
CIS 114 Intro to Computer Science	II 4
MATH 213 Calculus III B	4
MATH 222 Differential Equations	4
PHY 111/111A General Physics I/Lab	4
PHY 121/121A General Physics II/Lab	4
	co = 2
Total Transferable Credits	69-72

NOTES/COMMENTS

Students may take ECE 252 or ECE 232 via cross registration to satisfy ECC graduation requirements. All cross registration course are subject to departmental approval.

ENGINEERING

AS

ECC Courses

General Education Requirements	
Communications	
communications	
ENG 101 College Comp I	3
ENG 105 Technical writing	3 3
Social Science	
ANT 101, PSY 101, SOC 101 or POL 104	3
ECO 101 Principles of Economics	3
I	
Lab Science/ Math	
CHM 103 General Chemistry I	4
MTH 113 College Algebra / Trig	4
MTH 122 Calculus w/ Geometry II	4
, , ,	
Physical Ed/Health	
PHE 119 Concepts in Physical Ed	2
Humanities	
HST XXX History Elective	3
ENG 2XX Literature Elective	3
ART 101 Art History	3
Major Requirements	
ENR 103 Engineering Graphic	2
ENR 105 Applied CAD	2
ELC 230 Circuits & Systems	3
	4
NJIT See Footnote NJIT See Footnote	
Additional Requirements	
CSC 121/122 Computer Science I/II	8
CSC 225 Data Structures II	3
MTH 221 Calculus w/Geometry III	4
MTH 222 Differential Equations	4
PHY 104 General Physics II/Lab	4
PHY 103 General Physics I/Lab	4
Total Credits Required	69-75

ELECTRICAL ENGINEERING

BS

NJIT Equivalent Courses

General Education Requirements			
Communic	ations		
USS 101 W	Juiting Speaking	3	
	Vriting Speaking echnical writing	3	
	conneur winning	0	
Social Scie	nce		
Social Science	ce Requirement	3	
SS 201 Economics 3			
Lab Science	e/ Math		
CHEM 125	General Chemistry I	4	
MATH 111	Calculus I	4	
MATH 112	Calculus II	4	
Physical Ec	l/Health		
Phys. Ed GU	IR Elective	2	
Humanitie	s		
HSS 21X	Cultural History	3	
	Cultural History	3	
Lit/Hist/Phil	/STS Elective	3	
Major Requi	rements		
Does Not Tr	ansfer		
EG 101	Engineering Graphics	2	
ECE 231	Circuits & Systems I	3	
ECE 251	Digital Design	3	
ECE 271	Digital Electronics	3	
Additional R	Requirements		
CIS 113	Intro to Computer Science	3	
CIS 114	Intro to Computer Science	II 3	
MATH 213	Calculus III B	4	
MATH 222	Differential Equations	4	
PHY 111/111	A General Physics I/Lab	4	
PHY 121/121	A General Physics II/Lab	4	
Total Tuanaf	anabla Cradita	59-72	
10101 ITUNSJO	erable Credits 6	JJ-12	

NOTES/COMMENTS

Students may take ECE 252 or ECE 232 via cross registration to satisfy ECC graduation requirements. All cross registration course are subject to departmental approval.

ENGINEERING

AS

ECC Courses

General Education Requirements	
Communications	
Communications	
ENG 101 College Comp I	3
ENG 105 Technical writing	3 3
	0
Social Science	
ANT 101 DEV 101 COC 101 or DOI 104	2
ANT 101, PSY 101, SOC 101 or POL 104	3
ECO 101 Principles of Economics	3
Lab Science/ Math	
CHM 103 General Chemistry I	4
MTH 121 Calculus w/ Geometry I	4
MTH 122 Calculus w/ Geometry II	4
Physical Ed/Health	
	•
PHE 119 Concepts in Physical Ed	2
Humanities	
HST XXX History Elective	2
ENG 2XX Literature Elective	3
ART 101 Art History	3
ART IOT ART HIStory	3
Major Requirements	
ENR 103 Engineering Graphic	2
ENR 103 Engineering Graphic ENR 105 Applied CAD	2
	2 3
ENR 211 Engr. Mechanics I: Statics ENR 212 Engr. Mechanics II: Dynamics	
8	
ENR 220 Mechanics of Materials	4
Additional Requirements	
CSC 112 Comp. Prog. for Engr & Tech	3
CHM 104 General Chemistry II	4
MTH 221 Calculus w/Geometry III	4
MTH 222 Differential Equations	4
PHY 104 General Physics II/Lab	4
PHY 103 General Physics I/Lab	4
111 105 General I hysics y Lav	т
Total Credits Required	69-75
Total Credits Required	09-70

INDUSTRIAL ENGINEERING

BS

NJIT Equivalent Courses

General Education Requirements Communications	
HSS 101 Writing Speaking ENG 352 Technical writing	3 3
Social Science	
Social Science Requirement SS 201 Economics	
Lab Science/ Math	
CHEM 125 General Chemistry I MATH 111 Calculus I MATH 112 Calculus II	4 4 4
Physical Ed/Health	
Phys. Ed GUR Elective	2
Humanities	
HSS 21X Cultural History HSS 21X Cultural History Lit/Hist/Phil/STS Elective	3 3 3
Major Requirements	
Does Not Transfer EG 101 Engineering Graphics MECH 234 Engineering Mechanics MECH 236 Dynamics MECH 237/A Strengths of Materials	2 2 2 4
Additional Requirements	
CIS 101Comp. Prog. & Prob SolvingCHEM 126/124General Chemistry IIMATH 211Calculus III AMATH 222Differential EquationsPHY 111/111AGeneral Physics I/LabPHY 121/121AGeneral Physics II/Lab	2 4 4 4 4 4

NOTES/COMMENTS

Total Transferable Credits

69-72

Students may take IE 203 or IE 224 via cross registration to satisfy ECC graduation requirements. All cross registration course are subject to departmental approval.

ENGINEERING

AS

ECC Courses

General Ed	lucation Requirement	s		
Commun	-			
ENG 101	College Comp I	<u> </u>		
ENG 105	Technical writing	3		
Social Sci	ience			
ANT 101	PSY 101, SOC 101 or POL 104	3		
	Principles of Economics	3		
Lab Science/ Math				
CHM 103	General Chemistry I	4		
	Calculus w/ Geometry I	4		
	Calculus w/ Geometry II	4		
Physical	Ed/Health			
PHE 119	Concepts in Physical Ed	2		
Humanit	ies			
HST XXX	History Elective	3		
	Literature Elective	3		
	Art History	3		
Major Req	uirements			
ENR 103	Engineering Graphic	2		
ENR 105		2		
ENR 211		3		
ENR 212				
ENR 220		4		
Additional	Requirements			
CSC 112	Comp. Prog. for Engr & Tech	3		
	General Chemistry II			
	Calculus w/Geometry III	4		
	Differential Equations	4		
	General Physics II/Lab	4		
PHY 103	General Physics I/Lab	4		
Total Cur 1	ita Daquinal	60.75		
Total Creat	its Required	<i>69-75</i>		

MECHANICAL ENGINEERING BS

NJIT Equivalent Courses

General Educa Communicat	tion Requirements ions			
HSS 101 Writ ENG 352 Tecl	ting Speaking hnical writing	3 3		
Social Science				
Social Science SS 201 Econom	3 3			
Lab Science/	Math			
CHEM 125 G MATH 111 C MATH 112 C		4 4 4		
Physical Ed/I	Health			
Phys. Ed GUR Elective		2		
Humanities				
HSS 21X Cultural History HSS 21X Cultural History Lit/Hist/Phil/STS Elective		3 3 3		
Major Require	ements			
	Engineering Graphics Engineering Mechanics Dynamics Strengths of Materials	2 2 2 4		
Additional Req	puirements			
MATH 211 MATH 222 PHY 111/111A	Comp. Prog. & Prob Solvin General Chemistry II Calculus III A Differential Equations General Physics I/Lab General Physics II/Lab	ng 2 4 4 4 4 4 4		
Total Transfer	able Credits	69-72		

NOTES/COMMENTS

Students may take ME 215/215A or ME 231 via cross registration to satisfy ECC graduation requirements. All cross registration course are subject to departmental approval.

HUMAN & SOCIAL SERVICES AAS

SOCIAL WORK

BSW

ECC Course

General Education Requirements	
Communications	
ENG 101 College Comp I ~	3
ENG 102 College Comp II ~	3
Social Science	
PSY 101 General Psychology	3
SOC 111 Helper Theory*	3
Lab Science/ Math	
MTH 100 Intro. to College Math ~	4
Physical Ed/Health	
HLT 101 Healthful Living	3
Humanities	
Any History	3
Major Requirements	
PSY 209 Abnormal Psychology	3
PSY 250 Theory and Practice Coun	3
PSY 251 Counseling & Treatment	3
SOC 121 Social Serv. Plcy & Proc*	3
SOC 207 Understanding Death	3
SOC 228 Human & Soc. Serv. Fldwk I**	3
SOC 229 Internship Seminar I**	3
SOC 230 Human & Soc. Serv. Fldwk II**	3
SOC 231 Internship Seminar II**	3
SOC 250 Alcohol & Drug Use	3
Additional Requirements	
SOC 108 Social Problems*	3
SOC 201 Social Gerontology	3
PSY 219 Child Psychology & Dev	3
SOC 101 Intro to Sociology	3
Total Credits Required	64

Rutgers University Course Equivalent

General Edu	cation Requirements		
Communic	cations		
	nglish Composition I nglish Composition II	3 3	
Social Science			
	rinciples of Psychology ntroduction to Social Work	3 3	
Lab Scienc	e/ Math		
Math Proficiency			
Physical E	d/Health		
Free Elective			
Humanitie	S		
History Requirement		3	
Major Requi	irements		
Social Science Elective			
Free Elective			
Free Elective			
See Notes			
Free Elective	-	3	
910:324	Social Work Theory Meth Lab	3	
Free Elective		3	
Additional F	Requirements		
910:342 Contemporary Social Problems			
Free Elective			
No credit issued 920:201 Sociology I			
	0,		

Total Transferable Credits

49-65

NOTES/COMMENTS:

Although it is not required in the 2202 program, students can take BIO 101-102 at ECC to fulfill Rutgers Lab Science Requirement and 6 credits in English Literature which are required by Rutgers for graduation.

- *SOC 121 <u>MUST</u> be taken with SOC 108 to receive credit for 910:342. ** SOC 121 MUST be taken with SOC 111 to receive credit for 910:220. ***Students SOC 228-229 & 230-231 <u>MUST</u> take to receive credit for 910:324. .
 - ~ MUST receive a "B" or better.