

NAME \_\_\_\_\_

NJIT ID: \_\_\_\_\_

**FALL 12 AND LATER**

<b>First-Year</b>	Fall=17	<b>Chem 125***</b> Chem I 303 gde=  Prereq=none	<b>FED 101</b> Fund Engr 212 gde=  *Coreq=none	<b>HUM 101 GUR</b> Writ,Spk,Thnk I 303 gde=  Prereq=none	<b>Math 111</b> Calc I 404 gde=  *Coreq=none	<b>Phys 111/111A</b> Phys I 303 gde=  Phys 111A* 021 Math 111*	<b>PE 1X** GUR</b> 011 gde= & <b>Fresh Sem.100</b>
	Spring=18	<b>Chem 126***</b> Chem II 303 gde=  Chem 125	<b>Chem 124</b> Chem Lab 021 gde=  Chem 126*	<b>CS 101</b> Comp Prog 303 gde=  Prereq=none	<b>HUM 102 GUR</b> Writ,Spk,Thnk II 303 gde=  HUM 101	<b>Phys 121/121A</b> Phys II 303 gde=  Phys I, Phys111A* 021 Math 112*	<b>Math 112</b> Calc 11 404 gde=  Math 111
<b>Sophomore</b>	Fall=16	<b>Math 211(13)</b> Cal IIIA 303(404) gde=  Math 112	<b>Math 279</b> Prob & Stat 202 gde=  Math 112	<b>Mech 234</b> Engr Mech 202 gde=  Phys 111, Math 112	<b>ME 215/215A</b> Eng Mat & Proc 223 gde=  Chem 122 or Chem 126	<b>EPS 202 GUR</b> Society,Tech,envir 303 gde=  HUM 101	<b>Cult Hist GUR</b> HIST 213# 303 gde=  HUM 102
	Spring=16	<b>Math 222</b> Diff Eq 404 gde=  Math 112	<b>ME 231</b> Kinematics 303 gde=  CS 101, Mech 234	<b>Mech 236</b> Dynamics 202 gde=  Mech 234	<b>Mech 237/237B</b> Strn of Mat 303/010 gde=  Mech 234,Math112	<b>ECON 201</b> Economics GUR 303 gde=  	<b>Physical/GUR**</b> PE 1x or 2x 011 gde=  PE 1X
<b>Junior</b>	Fall=15	<b>ECE 405</b> Elec Engr Prin 303 gde=  Phys 121	<b>ME 305</b> Introd Sys Dyn 303 gde=  Me231, Mech236 Math 222	<b>ME 311</b> Thermo 1 303 gde=  Phys 111, Math 211	<b>ME 315</b> Stress Analysis 303 gde=  Me215, Mech237 Math 222	<b>Phil 334-GUR</b> 300 level phil 303 gde=  Hum102, Hist 213	<b>Cours ID</b> Lec-Lab-crhr  prerequisite
	Spring=15	<b>ME 304</b> Fluid Mech 303 gde=  Mech236, ME311	<b>ME 312</b> Thermo 2 303 gde=  ME 311	<b>ME 316</b> Mach Desgn 303 gde=  ME315, Mech234	<b>ME 343</b> ME Lab 1 223 gde=  ECE 405, Math279 Mech236, ME304*	<b>ME 430</b> CAD 223 gde=  CS 101, Math 222	<b>Cours ID</b> Lec-Lab-crhr  prerequisite
<b>Senior</b>	Fall=17	<b>ME 403</b> Mech-Desgn-1 223 gde=  ME304, 305, 312 ME 316, ME407*	<b>ME 405</b> ME Lab 2 122 gde=  ME 343, ME312, ME407*	<b>ME 407</b> Heat Transfer 303 gde=  ME304, ME311 Math 222	<b>ME/TE-303</b> Elective gde= <b>From ME list</b>  <b>Or Approval of</b> <b>Assoc Chair</b>	<b>ME/TE-303</b> Elective gde= <b>From ME list</b>  <b>Or Approval of</b> <b>Assoc Chair</b>	<b>Open elect-303</b> <b>300 level GUR</b> Lit/his/sts gde=
	Spring=16	<b>ME 406</b> ME Lab 3 122 gde=  ME 405, ME407	<b>ME 408</b> ME Sys Desgn II 122 gde=  ME403, ME 407	<b>ME/TE-303</b> Elective gde= <b>From ME list</b>  <b>Or Approval of</b> <b>Assoc Chair</b>	<b>ME/TE-303</b> Elective gde= <b>From ME list</b>  <b>Or Approval of</b> <b>Assoc Chair</b>	<b>IE492-or-</b> <b>Mgmt390 GUR</b> 303 gde=  Jr/Sr stnd	<b>HSS Cap-stn</b> <b>400 level GUR</b> 303 gde=  Senior stnd

Total Credits = 130 (131)

Curriculum for students starting Fall 2011 and LATER.

\* Co-requisite

\*\* 2 Physical Ed required, one must be at 100 level

# HUM 211 or HUM 212 are also accepted for Cultural History GUR

\*\*\* Or in lieu of Chem 121, Chem 122

Certified By: \_\_\_\_\_ K.A. Narh \_\_\_\_\_

Date Certified: //