

Industrial & Systems Engineering Sample Quarterly Schedule

FRESHMAN-AUTUMN QUARTER		FRESHMAN-WINTER QUARTER		FRESHMAN-SPRING QUARTER	
MATH 124 or 127 -Calculus 1	5	MATH 125 or 128 -Calculus 2	5	MATH 126 or 129 -Calculus 3	5
CHEM 142-Chem & lab 1	5	CHEM 152-Chem & lab 2	5	PHYS 121-Mechan & lab	5
ENGL COMP	5	VLPA/I&S	5	CSE 142-Computer Prog	4
<i>QUARTER TOTAL</i>	<i>15</i>	<i>QUARTER TOTAL</i>	<i>15</i>	<i>QUARTER TOTAL</i>	<i>14</i>
SOPHOMORE-AUTUMN QUARTER		SOPHOMORE-WINTER QUARTER		SOPHOMORE-SPRING QUARTER	
MATH 307-Diff Equations	3	MATH 308-Linear Algebra	3	IND E 315 –Prob & Stats Engr.	3
PHYS 122-Electro & lab	5	PHYS 123-Waves & lab	5	MSE 170-Matls Science	4
AA 210-Statics	4	CEE 220-Mech of Materials	4	ME 230-Dynamics	4
ENGR 231-Tech Writing	3	VLPA/I&S	2	IND E 250	4
<i>QUARTER TOTAL</i>	<i>15</i>	<i>QUARTER TOTAL</i>	<i>14</i>	<i>QUARTER TOTAL</i>	<i>16</i>
JUNIOR-AUTUMN QUARTER		JUNIOR-WINTER QUARTER		JUNIOR-SPRING QUARTER	
IND E 337 – Intro to Manufact Syst	4	IND E 316 – Design of Experiments	4	Area A - D TECH ELECTIVE	4
IND E 410-Appl Linear Programming	4	IND E 411-Nonlin & Stoch Mdl	4	TECH ELECTIVE	4
Area A – D TECH ELECTIVE	4	Area A - D TECH ELECTIVE	4	EE 215- Fundamentals of EE	4
VLPA/I&S	5	VLPA/I&S	3	TECH ELECTIVE	3
<i>QUARTER TOTAL</i>	<i>17</i>	<i>QUARTER TOTAL</i>	<i>15</i>	<i>QUARTER TOTAL</i>	<i>15</i>
SENIOR-AUTUMN QUARTER		SENIOR-WINTER QUARTER		SENIOR-SPRING QUARTER	
Area E TECH ELECTIVE	4	IND E 494-Design /Manufact. Firm	4	IND E 495-Senior Design	4
Area A – D TECH ELECTIVE	4	TECH ELECTIVE	4	TECH ELECTIVE	3
TECH ELECTIVE	3	VLPA/I&S	5	VLPA/I&S	5
VLPA/I&S	5				
<i>QUARTER TOTAL</i>	<i>16</i>	<i>QUARTER TOTAL</i>	<i>13</i>	<i>QUARTER TOTAL</i>	<i>12</i>

+ 4 credits free elective