



## Industrial 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 250 – Engr. Economics | 4         |
| 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         |
| TC 231-Tech Writing                | 3         | IND E 315-Prob & Statistics       | 3         | TC 333                      | 4         |
| <i>QUARTER TOTAL</i>               | <i>15</i> | <i>QUARTER TOTAL</i>              | <i>15</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                          | 5         | TECH ELECTIVE               | 3         |
| <i>QUARTER TOTAL</i>               | <i>17</i> | <i>QUARTER TOTAL</i>              | <i>17</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> |