

INDUSTRIAL ENGINEERING CHECKSHEET

Fall 2007

NAME: _____

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------|----------------------|--------------|---------|-------|------|------|-------------|---|-------|------|------|-------------------|---|-------|------|------|--------------|---|-------|------|------|----------------------|---|---------|---|--|--------------------|---|-------|--|--|--|--|---------|--|------|-----|---------------------|---|-------|---|-----|------------------|---|-------|----|-----|-------------|---|-------|----|-----|------------|---|-------|----|-----|---------------|---|-------|-----|-----|-----------------|---|-------|-----|-----|-----------------|---|-------|--|--|--|--|---------|---|
| <table> <tr> <td>EAC</td> <td>101*</td> <td>ANALYSIS I</td> <td>4</td> <td>_____</td> </tr> <tr> <td>CHEM</td> <td>201*</td> <td>GEN CHEM I</td> <td>3</td> <td>_____</td> </tr> <tr> <td>CHEM</td> <td>207*</td> <td>INTRO CHEM ANAL I</td> <td>1</td> <td>_____</td> </tr> <tr> <td>ENGL</td> <td>101*</td> <td>ENGLISH I</td> <td>3</td> <td>_____</td> </tr> <tr> <td>GES</td> <td>101*</td> <td>INTRO TO ENGINEERING</td> <td>2</td> <td>_____</td> </tr> <tr> <td>EG</td> <td>150*</td> <td>ENGR GRAPHICS FUND</td> <td>2</td> <td>_____</td> </tr> <tr> <td colspan="4"></td> <td>15 hrs.</td> </tr> </table> | EAC | 101* | ANALYSIS I | 4 | _____ | CHEM | 201* | GEN CHEM I | 3 | _____ | CHEM | 207* | INTRO CHEM ANAL I | 1 | _____ | ENGL | 101* | ENGLISH I | 3 | _____ | GES | 101* | INTRO TO ENGINEERING | 2 | _____ | EG | 150* | ENGR GRAPHICS FUND | 2 | _____ | | | | | 15 hrs. | <table> <tr> <td>COMM</td> <td>112</td> <td>BUS & PROF SPEAKING</td> <td>3</td> <td>_____</td> </tr> <tr> <td>EAC</td> <td>205</td> <td>DIFFERENTIAL EQU</td> <td>2</td> <td>_____</td> </tr> <tr> <td>IE</td> <td>380</td> <td>WORK DESIGN</td> <td>3</td> <td>_____</td> </tr> <tr> <td>IE</td> <td>240</td> <td>FUND OF IE</td> <td>3</td> <td>_____</td> </tr> <tr> <td>IE</td> <td>288</td> <td>CO-OP SEMINAR</td> <td>0</td> <td>_____</td> </tr> <tr> <td>XXX</td> <td>XXX</td> <td>HUM/SS ELECTIVE</td> <td>3</td> <td>_____</td> </tr> <tr> <td>XXX</td> <td>XXX</td> <td>HUM/SS ELECTIVE</td> <td>3</td> <td>_____</td> </tr> <tr> <td colspan="4"></td> <td>17 hrs.</td> </tr> </table> | COMM | 112 | BUS & PROF SPEAKING | 3 | _____ | EAC | 205 | DIFFERENTIAL EQU | 2 | _____ | IE | 380 | WORK DESIGN | 3 | _____ | IE | 240 | FUND OF IE | 3 | _____ | IE | 288 | CO-OP SEMINAR | 0 | _____ | XXX | XXX | HUM/SS ELECTIVE | 3 | _____ | XXX | XXX | HUM/SS ELECTIVE | 3 | _____ | | | | | 17 hrs. | <p style="text-align: center;"><u>ADDITIONAL CREDIT</u></p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> |
| EAC | 101* | ANALYSIS I | 4 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHEM | 201* | GEN CHEM I | 3 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHEM | 207* | INTRO CHEM ANAL I | 1 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ENGL | 101* | ENGLISH I | 3 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GES | 101* | INTRO TO ENGINEERING | 2 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EG | 150* | ENGR GRAPHICS FUND | 2 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 15 hrs. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| COMM | 112 | BUS & PROF SPEAKING | 3 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EAC | 205 | DIFFERENTIAL EQU | 2 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IE | 380 | WORK DESIGN | 3 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IE | 240 | FUND OF IE | 3 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IE | 288 | CO-OP SEMINAR | 0 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XXX | XXX | HUM/SS ELECTIVE | 3 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| XXX | XXX | HUM/SS ELECTIVE | 3 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 17 hrs. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table> <tr> <td>EAC</td> <td>102*</td> <td>ANALYSIS II</td> <td>4</td> <td>_____</td> </tr> <tr> <td>CHEM</td> <td>202*</td> <td>GEN CHEM II</td> <td>3</td> <td>_____</td> </tr> <tr> <td>CECS</td> <td>121*</td> <td>PROG DESIGN C</td> <td>1</td> <td>_____</td> </tr> <tr> <td>ENGL</td> <td>102*</td> <td>ENGLISH II</td> <td>3</td> <td>_____</td> </tr> <tr> <td>PHYS</td> <td>295</td> <td>PHYSICS LAB I</td> <td>1</td> <td>_____</td> </tr> <tr> <td>PHYS</td> <td>298*</td> <td>PHYSICS I</td> <td>4</td> <td>_____</td> </tr> <tr> <td colspan="4"></td> <td>16 hrs.</td> </tr> </table> | EAC | 102* | ANALYSIS II | 4 | _____ | CHEM | 202* | GEN CHEM II | 3 | _____ | CECS | 121* | PROG DESIGN C | 1 | _____ | ENGL | 102* | ENGLISH II | 3 | _____ | PHYS | 295 | PHYSICS LAB I | 1 | _____ | PHYS | 298* | PHYSICS I | 4 | _____ | | | | | 16 hrs. | <table> <tr> <td>IE</td> <td>289</td> <td>IE CO-OP I</td> <td>2</td> <td>_____</td> </tr> </table> | IE | 289 | IE CO-OP I | 2 | _____ | <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EAC | 102* | ANALYSIS II | 4 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHEM | 202* | GEN CHEM II | 3 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CECS | 121* | PROG DESIGN C | 1 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ENGL | 102* | ENGLISH II | 3 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PHYS | 295 | PHYSICS LAB I | 1 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PHYS | 298* | PHYSICS I | 4 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 16 hrs. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IE | 289 | IE CO-OP I | 2 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table> <tr> <td>EAC</td> <td>201</td> <td>ANALYSIS III</td> <td>4</td> <td>_____</td> </tr> <tr> <td>PHYS</td> <td>299</td> <td>PHYSICS II</td> <td>4</td> <td>_____</td> </tr> <tr> <td>PHYS</td> <td>296</td> <td>PHYSICS II LAB</td> <td>1</td> <td>_____</td> </tr> <tr> <td>IE</td> <td>360</td> <td>PROB & STATS</td> <td>3</td> <td>_____</td> </tr> <tr> <td colspan="4"></td> <td>12 hrs.</td> </tr> </table> | EAC | 201 | ANALYSIS III | 4 | _____ | PHYS | 299 | PHYSICS II | 4 | _____ | PHYS | 296 | PHYSICS II LAB | 1 | _____ | IE | 360 | PROB & STATS | 3 | _____ | | | | | 12 hrs. | <p style="text-align: center;">*The cumulative GPA in core courses must be 2.0 for Admission to the IE department</p> | <p style="text-align: center;"><u>REPEAT OPTIONS</u></p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EAC | 201 | ANALYSIS III | 4 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PHYS | 299 | PHYSICS II | 4 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PHYS | 296 | PHYSICS II LAB | 1 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IE | 360 | PROB & STATS | 3 | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 12 hrs. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

INDUSTRIAL ENGINEERING CHECKSHEET

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|-----------------------------|---------------------------------|---|---|---------|-----------------------------|---------------------------------|--|---|-----------------|-------------------|---------------------------------------|-------------------------------|--------|
| XXX CEE EAC CHE | XXX 205 330 253 | HUM/SS ELECTIVE STATICS LINEAR ALGEBRA MATERIALS SCI | 3 _____ 3 _____ 2 _____ 3 _____ | 11 hrs. | IE 489 | IE CO-OP III | 2 _____ | 2 hrs. | IE IE XXX | 563 5XX XXX | EXP DESIGN ELECTIVE HUM/SS ELEC | 3 _____ 3 _____ 3 _____ | 9 hrs. |
| IE | 389 | IE CO-OP II | 2 _____ | 2 hrs. | IE IE IE IE XXX | 525 425 421 541 XXX | PROJECT MGMT PRD & INVEN/CNTRL FAC & LOC LAYOUT SIMULATION HISTORY 101/102 | 3 _____ 3 _____ 3 _____ 3 _____ 3 _____ | 15 hrs. | <u>NOTES</u> | | | |
| IE IE IE ECE ME | 320 430 415 252 251 | MANUF PROCESS QUALITY CONTROL INTRO OP RESEARCH INTRO ELEC ENG THERMODYNAMICS | 4 _____ 3 _____ 3 _____ 3 _____ 3 _____ | 16 hrs. | IE IE IE IE XXX | 570 480 XXX 499 XXX | ENG DESIGN ECON HUMAN FACTORS ELECTIVE CAPSTONE DESIGN HUM/SS ELECTIVE | 3 _____ 3 _____ 3 _____ 3 _____ 3 _____ | 15 hrs. | | | | |

MINIMUM REQUIREMENTS FOR BS IN INDUSTRIAL ENGINEERING: 132 SEMESTER HOURS