### FRESHMAN YEAR

#### FALL SEMESTER
- **ME 100&L (3)**
  - Prerequisite: ME Major

- **STATICS CEE 241 (3)**
  - Prerequisite: ME 100/L or CEE 110
  - Corequisite: PHYS 180, PHYS 180L, MATH 182

- **MATH 181 (4)**
  - Prerequisite: MATH 128 or Equivalent

- **CHEM 121&L (4)**
  - Prerequisite: Passing score of Chem. Plac. Exam or Grade of ‘C’ or better in CHEM 103

- **ENG 101 (3)**
  - Prerequisite: Satisfactory score in SAT or ACT

- **PSC 101 OR HIST 100 (4)**

- **SOC. SCI (MULTI ?) (3)**
  - Note: Refer to P.54 of the Univ. Catalog

#### SPRING SEMESTER
- **DYNAMICS ME 242 (3)**
  - Prerequisite: CEE 241, PHYS 180/L, MATH 182

- **MATH 283 (4)**
  - Prerequisite: MATH 182

- **PHYS 180&L (4)**
  - Prerequisite: MATH 181

- **B.S. IN MECHANICAL ENGINEERING 2006-08 CATALOG**

#### CAD Requirements
- ME 120 OR ME 220 OR ME 240 (1)

### SOPHOMORE YEAR

#### FALL SEMESTER
- **Fluid Dynamics ME 380&L (4)**
  - Prerequisite: PHYS 182/L, MATH 283, ME 242

- **MATH 431 (Formerly MATH 429) (3)**
  - Prerequisite: MATH 283

- **PHYS 182&L (4)**
  - Prerequisite: PHYS 180

- **Mech. of Materials ME 301 (3)**
  - Prerequisite: CHEM 121, MAT 182

- **Mech. of Materials ME 302&L (4)**
  - Prerequisite: PHYS 180&L, MAT 182, CEE 241

- **ECON 102 (3)**

#### SPRING SEMESTER
- **EE 290 (3)**
  - Prerequisite: MATH 182, PHYS 180

- **SOC. SCI (MULTI ?) (3)**

Please check Long-Term Schedule at: [http://www.me.unlv.edu/Undergraduate/Long%20Term%20Plan.htm](http://www.me.unlv.edu/Undergraduate/Long%20Term%20Plan.htm)

Las Updated: October 2007
# B.S. in Mechanical Engineering 2006-08 Catalog

## Junior Year

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Spring Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>@# Fine Arts (3) (Int'l?)</strong></td>
<td><strong>@ Dyn. Systems ME 330&amp;L (3)</strong></td>
</tr>
<tr>
<td>NOTE Refer to P.54 of the Univ. Catalog</td>
<td>PREREQUISITE MATH 431 ME 242</td>
</tr>
<tr>
<td><strong>Mech Design ME 440 (3)</strong></td>
<td><strong>@ Dyn. of Machines ME 320 (3)</strong></td>
</tr>
<tr>
<td>PREREQUISITE ME 301 ME 302</td>
<td>PREREQUISITE MATH 283, Junior or Senior in Engg.</td>
</tr>
<tr>
<td><strong>Measurements ME 337&amp;L (4)</strong></td>
<td><strong>@ Heat Transfer ME 314 (3)</strong></td>
</tr>
<tr>
<td>PREREQUISITE PHY 181/L, EE 290</td>
<td>PREREQUISITE PHYS 181/L OR PHYS 182/L, MAT 431</td>
</tr>
<tr>
<td><strong>@ Thermodynamics ME 311 (3)</strong></td>
<td><strong>@ Thermal Lab ME 315 (1)</strong></td>
</tr>
<tr>
<td>PREREQUISITE PHY 181/L OR PHY 182&amp;L</td>
<td>PREREQUISITE ME 311 CO-REQUISITE ME 314</td>
</tr>
<tr>
<td><strong>@ Eng. Economics EGG 307 (3)</strong></td>
<td><strong>@ FE Preparation ME 492 (1)</strong></td>
</tr>
<tr>
<td>PREREQUISITE Advanced standing in an Engineering Major</td>
<td>PREREQUISITE ME 497 CO-REQUISITE ME 497</td>
</tr>
</tbody>
</table>

## Senior Year

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Spring Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Comput. Methods ME 402 (3)</strong></td>
<td><strong>@ SR. Design II ME 498 (2)</strong></td>
</tr>
<tr>
<td>PREREQUISITE ME 330/L MATH 431</td>
<td>PREREQUISITE ME 497</td>
</tr>
<tr>
<td><strong>@ SR. Design I ME 497 (2)</strong></td>
<td>ME Elective (3)</td>
</tr>
<tr>
<td>PREREQUISITE ADVANCED STANDING CO-REQUISITE ME 497</td>
<td>NOTE Refer to Approved List</td>
</tr>
<tr>
<td>ME Elective (3)</td>
<td>ME Elective (3)</td>
</tr>
<tr>
<td>NOTE Refer to Approved List</td>
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</tr>
</tbody>
</table>

## Notes
- * Indicates courses offered in fall
- @ Indicates courses offered in spring
- # Indicates courses offered in summer
- Pre-major courses must be completed with a "C" or better to be admitted to the MEG major.
- Grade of C (2.00) or higher must be earned in each engineering course (ME, CEE, EE, EGG) for graduation.
- An overall 2.3 GPA and 2.5 GPA in engineering courses is required for probation, transfer, and graduation.

# Humanities

- **@# HUMANITIES (Multi? Or Intl?) (3)**
- NOTE