CAREER OPPORTUNITIES & EMPLOYER RELATIONS

HELP YOUR STUDENTS AVOID A $35,000 SALARY LOSS

Career Opportunities & Employer Relations (COER)
3rd Floor Norwood Hall
career@mst.edu (573) 341-4343 career.mst.edu

Career Opportunities & Employer Relations
2012 Rankings

Services...
17th in the nation in 2012, and 11th in the nation in 2011 among career centers
   – The Princeton Review

Salaries...
2nd among all Midwestern schools for starting salary potential
   – Payscale Inc.

18th in the nation among ALL universities, public and private
   – Payscale Inc.

*1,511 schools included in the survey
What Employers Want

NACE Job Outlook
1. Teamwork
2. Leadership
3. Communication Skills
4. Problem Solving Skills
5. Strong Work Ethic
6. Analytical Skills
7. Initiative
8. Technical Skills
9. Interpersonal Skills
10. Organizational Ability

Missouri S&T Employers
1. Communication Skills
2. Internship/Co-op Experience
3. GPA
4. Leadership
5. Attitude
6. Willingness to Learn
7. Company Fit
8. Technical Knowledge
9. Problem Solving Skills
10. Extracurricular Activities
Resume Reviews
Practice Interviews
Interview Stream
Individual Advising Sessions
Professional Development Workshops
Employer Sponsored Events
Career Fair
MinerJobs
GoinGlobal
Free Suit Closet
Etiquette Dinner
Co-op / Internship
Destination Survey
Alumni Services
## 12-13 Full-time Average Starting Salaries

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Undergrad</th>
<th>Grad</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerospace ENGR</td>
<td>$63,234</td>
<td>$63,333</td>
</tr>
<tr>
<td>AP Math</td>
<td>$60,200</td>
<td>—</td>
</tr>
<tr>
<td>Architectural ENGR</td>
<td>$52,514</td>
<td>—</td>
</tr>
<tr>
<td>Biological Sciences</td>
<td>$39,500</td>
<td>—</td>
</tr>
<tr>
<td>Business Administration (MBA)</td>
<td>—</td>
<td>$61,167</td>
</tr>
<tr>
<td>Bus. &amp; Mgmt. Systems</td>
<td>$44,500</td>
<td>—</td>
</tr>
<tr>
<td>Ceramic ENGR</td>
<td>$58,770</td>
<td>—</td>
</tr>
<tr>
<td>Chemical ENGR</td>
<td>$66,460</td>
<td>—</td>
</tr>
<tr>
<td>Chemistry</td>
<td>$51,327</td>
<td>—</td>
</tr>
<tr>
<td>Civil ENGR</td>
<td>$53,497</td>
<td>$57,429</td>
</tr>
<tr>
<td>Computer ENGR</td>
<td>$62,915</td>
<td>$74,000</td>
</tr>
<tr>
<td>Computer Science</td>
<td>$64,772</td>
<td>$79,400</td>
</tr>
<tr>
<td>Economics</td>
<td>$60,667</td>
<td>—</td>
</tr>
<tr>
<td>Electrical ENGR</td>
<td>$61,873</td>
<td>$74,150</td>
</tr>
<tr>
<td>ENGR Management</td>
<td>$60,725</td>
<td>—</td>
</tr>
<tr>
<td>English</td>
<td>$26,667</td>
<td>—</td>
</tr>
<tr>
<td>Environmental ENGR</td>
<td>$58,492</td>
<td>—</td>
</tr>
<tr>
<td>Geological ENGR</td>
<td>$59,775</td>
<td>—</td>
</tr>
<tr>
<td>History</td>
<td>$31,333</td>
<td>—</td>
</tr>
<tr>
<td>IST</td>
<td>$54,280</td>
<td>$66,375</td>
</tr>
<tr>
<td>Manufacturing Engineering</td>
<td>—</td>
<td>$64,000</td>
</tr>
<tr>
<td>Mechanical ENGR</td>
<td>$61,053</td>
<td>$71,102</td>
</tr>
<tr>
<td>Metallurgical ENGR</td>
<td>$63,306</td>
<td>$65,625</td>
</tr>
<tr>
<td>Mining ENGR</td>
<td>$66,348</td>
<td>—</td>
</tr>
<tr>
<td>Nuclear ENGR</td>
<td>$62,000</td>
<td>—</td>
</tr>
<tr>
<td>Petroleum ENGR</td>
<td>$84,700</td>
<td>$96,714</td>
</tr>
<tr>
<td>Physics</td>
<td>$66,667</td>
<td>—</td>
</tr>
<tr>
<td>Psychology</td>
<td>$33,050</td>
<td>—</td>
</tr>
<tr>
<td>Systems Engineering</td>
<td>—</td>
<td>$70,000</td>
</tr>
<tr>
<td>Technical Communication</td>
<td>$56,333</td>
<td>—</td>
</tr>
<tr>
<td><strong>Overall Average</strong></td>
<td><strong>$59,504</strong></td>
<td><strong>$71,402</strong></td>
</tr>
</tbody>
</table>
12-13 Top Full-Time Hiring Employers

The Boeing Company*
Cerner Corporation*
Burns & McDonnell
Halliburton
Kiewit
Accenture
Black & Veatch*
Cargill
Honeywell
Missouri S&T
Schlumberger

Caterpillar*
Chevron
Garmin International*
L3 Communications
MoDOT
John Deere*
Union Pacific
Altec
Barry-Wehmiller DG
Ford Motor Company

* Asterisk (*) indicates top hiring employer in multiple categories
• Ranked by number of hires within each category
2012 - 2013
Cooperative Education Program

• 367 Co-op Students
• 134 Different Employers
• In 31 states and 3 international locations
• Unofficial co-op numbers for 13-14: 379
Summer 2012 Internship Program

- 391 Internships reported
- 198 Different Employers
- In 38 states
- Unofficial intern numbers for Summer 2013: 524
94% of 2011-2012 Freshmen class want a co-op or internship

68% of 2011-2012 graduates reporting full-time job plans had prior co-op or intern experience

Over 1600 co-op and intern jobs have been posted in MinerJobs during past 4 academic years

S&T students with co-op experience have a 7% higher starting salary (approximately $5000) than those without co-op

S&T students with co-op experience have 1.5 higher odds of obtaining full-time employment at graduation than those without co-op
## 12-13 Co-op & Intern
### Average Monthly Salaries

<table>
<thead>
<tr>
<th>Discipline</th>
<th>CO-OP</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Undergrad</td>
<td>Grad</td>
<td>Undergrad</td>
<td>Grad</td>
</tr>
<tr>
<td>Aerospace ENGR</td>
<td>$3,090</td>
<td>—</td>
<td>$4,244</td>
<td>$3,822</td>
</tr>
<tr>
<td>Architectural ENGR</td>
<td>$2,600</td>
<td>—</td>
<td>$2,568</td>
<td>—</td>
</tr>
<tr>
<td>Bus. &amp; Mgmt. Systems</td>
<td>—</td>
<td>—</td>
<td>$2,621</td>
<td>—</td>
</tr>
<tr>
<td>Ceramic ENGR</td>
<td>$2,936</td>
<td>—</td>
<td>$3,073</td>
<td>—</td>
</tr>
<tr>
<td>Chemical ENGR</td>
<td>$3,331</td>
<td>$3,572</td>
<td>$3,509</td>
<td>—</td>
</tr>
<tr>
<td>Chemistry</td>
<td>—</td>
<td>—</td>
<td>$2,585</td>
<td>—</td>
</tr>
<tr>
<td>Civil ENGR</td>
<td>$2,734</td>
<td>—</td>
<td>$2,761</td>
<td>—</td>
</tr>
<tr>
<td>Computer ENGR</td>
<td>$3,384</td>
<td>$4,733</td>
<td>$3,446</td>
<td>$4,605</td>
</tr>
<tr>
<td>Computer Science</td>
<td>$3,345</td>
<td>$4,047</td>
<td>$3,140</td>
<td>$3,643</td>
</tr>
<tr>
<td>Economics</td>
<td>$3,165</td>
<td>—</td>
<td>$4,188</td>
<td>—</td>
</tr>
<tr>
<td>Electrical ENGR</td>
<td>$3,182</td>
<td>$4,616</td>
<td>$3,609</td>
<td>$4,631</td>
</tr>
<tr>
<td>ENGR Management</td>
<td>$3,127</td>
<td>$4,015</td>
<td>$3,130</td>
<td>—</td>
</tr>
<tr>
<td>Environmental ENGR</td>
<td>—</td>
<td>—</td>
<td>$3,279</td>
<td>—</td>
</tr>
<tr>
<td>Geological ENGR</td>
<td>$2,866</td>
<td>—</td>
<td>$3,291</td>
<td>—</td>
</tr>
<tr>
<td>Geology &amp; Geophysics</td>
<td>—</td>
<td>—</td>
<td>$3,527</td>
<td>—</td>
</tr>
<tr>
<td>IST</td>
<td>$3,298</td>
<td>$4,477</td>
<td>$3,025</td>
<td>—</td>
</tr>
<tr>
<td>Mechanical ENGR</td>
<td>$3,038</td>
<td>—</td>
<td>$3,149</td>
<td>—</td>
</tr>
<tr>
<td>Metallurgical ENGR</td>
<td>$2,993</td>
<td>$3,935</td>
<td>$2,974</td>
<td>—</td>
</tr>
<tr>
<td>Mining ENGR</td>
<td>$3,114</td>
<td>—</td>
<td>$3,676</td>
<td>—</td>
</tr>
<tr>
<td>Nuclear ENGR</td>
<td>$3,451</td>
<td>—</td>
<td>$3,241</td>
<td>—</td>
</tr>
<tr>
<td>Petroleum ENGR</td>
<td>$4,160</td>
<td>—</td>
<td>$6,028</td>
<td>$5,116</td>
</tr>
<tr>
<td>Technical Communication</td>
<td>—</td>
<td>$3,086</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td><strong>Overall Average</strong></td>
<td>$3,099</td>
<td>$4,218</td>
<td>$3,320</td>
<td>$4,384</td>
</tr>
</tbody>
</table>
### 12-13 Top Co-op & Intern Hiring Companies

#### Co-op
- Anheuser-Busch
- Ameren
- Synergetic Industries
- True Manufacturing
- Nucor Steel
- Hunter Engineering
- Parker Hannafin – Sporlan Division
- Garmin International*
- ADTRAN*
- Mynah Technologies
- Turing Consulting
- United States Gypsum
- Cisco Systems
- Mississippi Lime Company
- Monsanto
- Omaha Public Power District
- The Clorox Company

#### Intern
- Barrick Gold of North America
- Cerner Corporation*
- Garmin International*
- The Boeing Company*
- Caterpillar*
- Sandia National Labs
- Black & Veatch*
- ConocoPhillips
- John Deere*
- ADTRAN*
- ArcelorMittal
- Consol Energy
- Peabody Energy
- Procter & Gamble

*Asterisk (*) indicates top hiring employer in multiple categories

• Ranked by number of hires within each category
## Co-op Eligibility

<table>
<thead>
<tr>
<th>Category</th>
<th>Eligibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRESHMEN:</td>
<td>After completing two semesters</td>
</tr>
<tr>
<td>TRANSFERS:</td>
<td>Can apply immediately for co-op</td>
</tr>
<tr>
<td>INTERNATIONAL STUDENTS:</td>
<td>After 9 months of academic work</td>
</tr>
<tr>
<td>GRADUATE STUDENTS:</td>
<td>After completing one semester</td>
</tr>
<tr>
<td></td>
<td>(no wait if S&amp;T undergraduate)</td>
</tr>
</tbody>
</table>
Spring Career Fair
February 18, 2014
9 a.m. – 3 p.m.

Fall Career Fair
September 23, 2014
9 a.m. - 3 p.m.
## Career Fair Stats

### Fall 2013
- 267 employers attended  
  (up 2% from fall 2012)
  - 790 recruiters
  - 131 employers from Missouri
  - 33 states represented
  - 41 Fortune 500 employers

### Spring 2013
- 197 employers attended  
  (up 10% from Spring 2012)
  - 543 recruiters attended
  - 102 employers from Missouri
  - 27 states represented
  - 23 Fortune 500 employers

### Fall 2012
- 261 employers attended  
  (up 24% from fall 2011!)
  - 43 employers NEW! to S&T
  - 119 employers from Missouri
  - 39 states represented
  - 46 Fortune 500 employers

### Spring 2012
- 178 employers attended  
  (up 13% from Spring 2011)
  - 505 recruiters attended
  - 85 employers from Missouri
  - 29 states represented
  - 30 Fortune 500 employers
Before the Career Fair

- Have resume reviewed
- Update their MinerJobs Profile!!
  - Upload resume
  - View employers coming
  - Apply for jobs ahead of time
  - Research employers
- Download the Career Fair App
For the Career Fair

- Bring several copies of their resume (20)
- No cover letter, transcripts, or reference page is needed
- Professional dress is required
- HOT in gyms
- Expect 3 to 5 minute exchanges
- May have to apply on-line at employer’s website as well as in MinerJobs
- Prepare to discuss GPA – if needed
Students: Know Target Employers

- Research employers they are interested in visiting
- Know why they are the best candidate for the position
- Why do they want to work for this employer?
On-campus Interviews

<table>
<thead>
<tr>
<th>Year</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>08-09</td>
<td>3,736</td>
</tr>
<tr>
<td>09-10</td>
<td>2,710</td>
</tr>
<tr>
<td>10-11</td>
<td>3,526</td>
</tr>
<tr>
<td>11-12</td>
<td>4,043</td>
</tr>
<tr>
<td>12-13</td>
<td>4,053</td>
</tr>
</tbody>
</table>
• A student’s 30 second commercial
Professional Development Plan

• COER’s multi-year plan for success!
Creating a Great Resume

- COER’s template “approved” by employers
- Applies to all majors
Designing A Resume
Objective

To obtain a summer internship position that leverages my unique combination of experience, academic performance and leadership skills.

Education

Missouri University of Science and Technology
B.A. History
Minor: Spanish

May 2015
GPA: 3.5/4.0

Experience

Missouri University of Science & Technology
Study Abroad Program Participant – Universidad Politecnica de Madrid Rolla, MO
Study Abroad Program Participant

Aug – Dec 2013

Successfully adapted to new culture and living environment
Communicated effectively with people of diverse interests, values and perspectives
Improved Spanish language skills through daily interactions with local people
Analyzed business situations and work projects from a different cultural frame of reference
Learned to identify social and political implications of decisions and to be resourceful in accomplishing projects
Adapted to rapidly changing situations and learned to allocate time effectively
Gained valuable historical, cultural and political knowledge of host country through formal tours, social gatherings and independent research

Public Relations Officer – Women in Business Organization

Jan – May 2013

Coordinated with five Executive Board members to develop fundraising ideas
Generated marketing plan and created materials for fundraising events
Maintained contacts with local newspaper, radio and television personnel
Attended monthly organization meetings and recruited new members

Resident Assistant – Residential Life Department

Aug 2012 – May 2013

Developed a community of 35 women and advised them on personal, social and academic issues
Assisted floor leaders in planning programs and community activities
Performed weekly safety and security rounds for complex of 900 students
Completed administrative reports for supervisory communication and building occupancy
Promoted diversity issues through programming and community development

Participant – Chancellor’s Leadership Academy

Jan – Dec 2012

Acquired valuable leadership skills through interactions with the Chancellor and successful alumni
Participated in team building activities and service projects
Learned public speaking skills through presentations made to groups of 25-35 people

Computer Skills

ADOBE PHOTOSHOP
Microsoft Office – Word, Excel, Access, PowerPoint, Publisher, Outlook

Honors & Activities

Missouri S&T Spanish Club
Missouri S&T Chapter of Toastmaster’s International
Missouri S&T Intramural Women’s Softball
Professionalism & Ethics

- Be Honest
- Interview genuinely
- Don’t Keep Employers Hanging
- Adhere to Interview Schedule
- Accept a Job Offer in Good Faith
- Reneging on Job Offers has Consequences
- Withdraw from Recruiting when Job Search is Completed
Encourage Students to Report Their Job Offer

- Can take an online “Destination Survey”
- Makes an investment in the future value of their degree
- Helps your academic department
- Let us know if you have “knowledge” of a student’s plans
- Information held in strict confidence
Firm Plans 2012-2013
93% of Students had firm plans
BA, BS, MS, PhD

- 80% Employed
- 7% Continuing Existing Employment
- 4% Pursuing Further Study
- 1% Still Seeking Employment
- 8% Not Seeking Employment
Reporting Plans for After Graduation

• Employed
  • Salary helps your department!
• Continuing existing employment
  • Military too!
• Graduate school/Continuing education
  • Even if it is at S&T!
• Still seeking employment
• Not seeking employment