Need Experience?
Co-op, Intern, Extern, Mentoring

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

**Internship**
- Summer only (short-term experience)
- Paid or Unpaid, Full-time or Part-time
- Experience corporate culture and network

**Cooperative Education (Co-op)**
- Fall, Spring, Summer-Fall, Spring-Summer
- Paid
- Gain in-depth experience related to your major
- Earn academic credit – with departmental approval
Co-op Specifics

> Enrollment status
> Financial aid/Scholarships
> Residential life/Rental agency
> Co-op work program vs. Co-op for credit
  - Cost difference
  - Status
  - Amount of credit
  - Paper/presentation
Co-op for Credit

> Aerospace Engineering
> Ceramic Engineering
> Chemistry
> Chemical Engineering
> Civil Engineering
> Computer Engineering
> Computer Science
> Electrical Engineering
> Math
> Mechanical Engineering
> Metallurgical Engineering
Why Co-op?

> NETWORK with professionals and other college students
> Use the tools you have learned in the classroom
> HIGHER full-time starting salary
> Learn corporate recruiting strategies
> Gain future employment advantages
> Validate career plans
> Take a break from school
> Finance college
2015-2016 Cooperative Education Programs

> 436 Co-op Students

> 177 Different Employers

> In 35 states, and 4 international locations
2015-2016

Top Co-op & Intern Hiring Companies

Co-op
- Ameren
- True Manufacturing
- Parker Hannifin
- Hunter Engineering Group
- Monsanto
- Mississippi Lime Company
- Watlow
- Kohler
- Toyota Motor Engineering and Manufacturing of North America, Inc.
- Anheuser-Busch
- Nucor
- Harley-Davidson
- GE Aviation
- Melton Machine and Control Company
- Sandia National Laboratories
- BBI Technologies Inc.
- Gardner Denver
- Scintilla Soft, Inc.
- Cargill

Intern
- Arcelor Mittal
- The Boeing Company
- Associated Electric Cooperative, Inc.
- MoDOT
- Holcim
- GE Aviation
- Garmin
- Mallinckrodt
- Black & Veatch
- Burns & McDonnell
- Sandia National Laboratories
- Mastercard
- Alcoa
- CLARCOR
- Ameren
- Ash Grove Cement, Co
- Schlumberger
- Aclara
- Caterpillar
- Freeport-McMoRan
# 15-16 Co-op Average Monthly Salaries By Major

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Undergraduate</th>
<th>Graduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerospace ENGR</td>
<td>$3,032</td>
<td>-</td>
</tr>
<tr>
<td>Ceramic ENGR</td>
<td>$3,520</td>
<td>-</td>
</tr>
<tr>
<td>Chemical ENGR</td>
<td>$3,731</td>
<td>$3,217</td>
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<tr>
<td>Civil ENGR</td>
<td>$2,901</td>
<td>-</td>
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<tr>
<td>Computer ENGR</td>
<td>$3,412</td>
<td>$3,578</td>
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<tr>
<td>Computer Science</td>
<td>$3,152</td>
<td>$4,328</td>
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<tr>
<td>Electrical ENGR</td>
<td>$3,318</td>
<td>$4,461</td>
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<tr>
<td>Engineering Management</td>
<td>$3,222</td>
<td>$4,142</td>
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<tr>
<td>Information Science &amp; Technology</td>
<td>-</td>
<td>$3,372</td>
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<tr>
<td>Manufacturing Engineering</td>
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<td>$4,406</td>
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<tr>
<td>Mechanical ENGR</td>
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<tr>
<td>Metallurgical ENGR</td>
<td>$3,484</td>
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<tr>
<td>Mining ENGR</td>
<td>$3,135</td>
<td>-</td>
</tr>
<tr>
<td>Petroleum ENGR</td>
<td>$4,091</td>
<td>-</td>
</tr>
<tr>
<td><strong>Overall Average</strong></td>
<td><strong>$3,338</strong></td>
<td><strong>$3,934</strong></td>
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</table>
# 15-16 Internship Average Monthly Salaries by Major

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Undergraduate</th>
<th>Graduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerospace ENGR</td>
<td>$3,917</td>
<td>$4,937</td>
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<tr>
<td>Applied Mathematics</td>
<td>$2,729</td>
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<tr>
<td>Architectural ENGR</td>
<td>$2,766</td>
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<tr>
<td>Ceramic ENGR</td>
<td>$3,655</td>
<td>-</td>
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<tr>
<td>Chemical ENGR</td>
<td>$3,058</td>
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<tr>
<td>Chemistry</td>
<td>$2,321</td>
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<tr>
<td>Civil ENGR</td>
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<tr>
<td>Computer ENGR</td>
<td>$3,399</td>
<td>$3,036</td>
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<tr>
<td>Computer Science</td>
<td>$3,268</td>
<td>$3,038</td>
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<tr>
<td>Electrical ENGR</td>
<td>$3,384</td>
<td>$3,417</td>
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<tr>
<td>Engineering Management</td>
<td>$3,096</td>
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<tr>
<td>Environmental ENGR</td>
<td>$2,753</td>
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<tr>
<td>Information Science &amp; Technology</td>
<td>$3,026</td>
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<tr>
<td>Mechanical ENGR</td>
<td>$3,137</td>
<td>$3,118</td>
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<tr>
<td>Metallurgical ENGR</td>
<td>$3,402</td>
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<tr>
<td>Mining ENGR</td>
<td>$3,405</td>
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<tr>
<td>Nuclear Engineering</td>
<td>$3,189</td>
<td>-</td>
</tr>
<tr>
<td>Petroleum ENGR</td>
<td>$4,704</td>
<td>$6,344</td>
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</tbody>
</table>

**Overall Average**

- Undergraduate: $3,158
- Graduate: $3,865
Co-op Eligibility

Freshman: After completing two semesters

Transfers: Can apply immediately

International Students: After 9 months of academic work

Graduate Students: After completing one semester (no wait if S&T undergraduate)
Co-op Requirements

> Must be a full-time student at Missouri S&T when applying for co-op

> Must **NOT** be on any probation

> Must have minimum cumulative GPA of 2.0

> Employers may establish other eligibility requirements based on their needs

> If special circumstances arise contact Samm Wilcox within COER
Concerns

> Delayed graduation

> Curriculum schedule

> Travel

> Housing
Remember.....

> Maintain student status
> Discuss financial aid, scholarships, and loans with appropriate departments
> Co-op send off party
> Check your school email regularly
How to Participate

**Step 1:** Create your resume and have it reviewed

**Step 2:** Update your MinerJobs profile, upload resume and transcript

**Step 3:** Practice your interviewing skills

**Step 4:** Let the search begin...
- Participate in Career Fairs
- Submit resume for on-campus interviews
- Search employers in your hometown
- Attend employer info-sessions and presentations

**Step 5:** Report your co-op position to COER in MinerJobs, complete forms and submit co-op fee
Do you want to...

• Make sure your major is a good fit?

• Learn more about the kind of company you will work for after college?

• Find additional academic motivation?

Then the Externship Program is for you!

You will...

• Spend part of Spring Break with a company that hires Missouri S&T grads

• Get a general introduction to a company’s operations

• Learn about corporate social responsibility and accountability
Externship

Want to learn more?

http://career.mst.edu/students/externshipprogram/

Career Opportunities & Employer Relations
Mentoring

> Ask alumni, employers, and faculty advice about determining a major, finding internships/co-ops, and career goals

> To participate, simply sign into your MinerJobs student account and click on the “Mentor a Miner” tab at the top.

> You can search by degree, common interest, company, and many more to find out if there is a mentor ready to talk to you!
Mentor Program

Program Goals

> Provide students with the opportunity to learn more about day-to-day work in potential careers.

> Make professional connections with mentors in industry
St. Louis RBC

Objectives

> Increase student awareness of successful companies in St. Louis and encourage students to stay in the regions upon graduation.

> Provide an opportunity for students to network and be mentored by high level executives
Student Services

- Resume Reviews
- InterviewStream
- Professional Development Seminars
- Career Fair
- GoinGlobal
- Etiquette Dinner
- Destination Survey
- StrengthsQuest
- Practice Interviews
- Individual Advising Sessions
- Employer Sponsored Events
- MinerJobs
- Free Suit Closet
- Co-op / Internship / Externship
- Alumni Services
- LinkedIn Reviews
**Professional Development Plan**

Students who follow our Professional Development Plan on average earn 4% higher starting salaries!
COER Calendar of Events

CAREER OPPORTUNITIES & EMPLOYER RELATIONS

Fall 2016 Calendar of Events

Third Floor, Norwood Hall | (573) 341-4343
Office Hours: 8:00 a.m.–5:30 p.m.

@HireMissouri
Career Opportunities & Employer Relations
Thank you!

Q & A

Email: career@mst.edu
Phone: (573) – 341 – 4343

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