MME New Student Orientation

Thursday, September 5
4.30 to 6 pm, Todd 116

Hosted by:
Jow Ding, Associate Director
Andrea Butcherite, Academic Advisor
Megan Comstock, Academic Advisor
Amy Johnson, Academic Advisor
Make sure you check in on the iPad. 
Use your Student ID#. 

Leading Zero not required

Confirm your name:

Thank you Megan! You’ve checked in successfully.

Please click Here if the page is not redirecting in 3 seconds.
I’m at WSU now. What’s next?

Admitted, enrolled, & studying hard!
Need to certify before your junior year.
Pass the Writing Portfolio after completing 60 credits.
Apply for graduation your junior year & get To-Do list.
Complete all required UCOREs & major courses.
Graduate
Outline

- Introduction by Indranath Dutta, Director
- Introduction to the Associate Director for Undergraduate Program: Dr. Konstantin Matveev
- Introduction to the Academic Advisors
- Academics (presented by Megan Comstock)
  1. MME Advisors and the Advising Process
  2. Schedules of Study for ME and MSE (websites)
  3. Course Planning & Meeting with Advisors
  5. Academic Integrity
  6. Cougar Health Service: Crisis Support
- Safety (presented by Prof. Bob Richards)
- Student Clubs (presented by Monika Jones)
- VCEA Career Mentoring and Career Services (presented by Sandi Brabb)
- Students' experience (presented by Daniel Goto and Maya Nakasone)
- Preparation for an engineering career (Gene Jones, BSME 1980)
- Q & A
Dr. Konstantin Matveev

• Associate Director for Undergraduate Studies at MME School
• Professor
• Teaches classes in Thermo-fluids and Experimentation
• Carries out research on fast boats, UAV, energy systems
Undergraduate Studies Committee

• We deal with curriculum, advising, accreditation, etc.
• My main goal is to ensure that our graduating students get well-paying jobs in engineering, including high-tech companies
• Currently, we offer technical elective courses in ME areas of manufacturing, thermo-fluids, autonomous control
• In Fall 2020 we expect to have formal concentrations in these areas of ME at the junior/senior level and make MSE curriculum more engineering-focused
Undergraduate Studies Committee

- From Fall 2020, we expect that certification process will go away
- To maintain major in ME or MSE, milestones will be introduced:
  - Must get C or better in all STEM courses required for MME degree and in all pre-reqs for MME courses
  - Maintain 2.6 average GPA in STEM courses
  - Any STEM course can be repeated only once
  - Students failing these requirements will have one probationary semester to correct the situation
- Already certified students will not be affected by these changes
- Fell free to stop by at my office Sloan 225C if you have any concerns
MME Academic Advisors

Andrea Butcherite  
Academic Coordinator  
Pullman students 34-67  
abpatterson@wsu.edu  
509-335-2767  
Sloan 209

Megan Comstock  
Academic Coordinator  
Pullman students 68-99  
meganc@wsu.edu  
509-335-8582  
Sloan 205

Amy Johnson  
Academic Coordinator  
Pullman students 00-33  
amy.johnson4@wsu.edu  
509-335-7386  
Sloan 207
ADVISING IS...

- A collaborative relationship
- An academic resource
- A service to you as a student
- An educational process
- A commitment between student and advisor

Advising Mission

Academic advising builds collaborative, student-centered relationships that support achievement of personal development and academic success.
The Advisor’s Role:

**Acknowledge:**
- Each student is different
- FERPA

**Support:**
- Academic Development
  - University requirements
  - Education/Academic Planning
  - Support academic exploration
  - Your academic goals
- Student Development
  - Recognize Strengths
  - Suggest areas for growth
  - Connect to resources

**Professional Development:**
- Guidance toward career
- Connect to opportunities
- Share info on Engineering careers

The Student’s Role:

**Acknowledge:**
- You are unique
- Your rights [FERPA]
- Responsible

**Engage:**
- Ask questions
- Active learning skills
- Be prepared
- Research programs of study
- Participate
- Accept Responsibility

**Learn:**
- How to use my.WSU
- MME requirements
- WSU Campus
- WSU Resources
As academic advisors, our number one priority is to ensure you have access to the resources you need to make the best decision for yourself.

If you find yourself in a situation that is beyond your control, come see us immediately!

No one plans to fail but a lot of people fail to plan
— Malikmary
The student has the ultimate responsibility for meeting all graduation requirements.
Schedules of Study

ME and MSE

Course Matrix
# ME COURSE MATRIX

**Mechanical Engineering 2018-2019 Undergraduate Curriculum**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Units</th>
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<tbody>
<tr>
<td>MATH 171</td>
<td>Calculus I (AEMS Placement: 140)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>MATH 172</td>
<td>Calculus II (AEMS Placement: 141)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>CHEM 105</td>
<td>Principles of Chemistry I (AEMS Placement: 145)</td>
<td>4</td>
<td></td>
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<tr>
<td>ENGR 120</td>
<td>Innovation in Design (Calc: 1 Ready)</td>
<td>3-3</td>
<td>2</td>
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<tr>
<td>ENGL 101</td>
<td>College Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>[ARTS]</td>
<td>Any course under &quot;ARTS&quot; from UCORE</td>
<td>[3-0-3]</td>
<td></td>
</tr>
<tr>
<td>[SC]</td>
<td>Any course under &quot;SC&quot; from UCORE</td>
<td>[3-0-3]</td>
<td></td>
</tr>
<tr>
<td>PHYS 201</td>
<td>Physics for Scientists I (AEMS Placement: 142)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>PHYS 202</td>
<td>Physics for Scientists II (AEMS Placement: 143)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CE 211</td>
<td>Mechanics of Materials (Calc: 1 Ready)</td>
<td>3-3</td>
<td>2</td>
</tr>
<tr>
<td>CE 215</td>
<td>Mechanics of Structures (Calc: 1 Ready)</td>
<td>3-3</td>
<td>2</td>
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<tr>
<td>ME 212</td>
<td>Dynamics (Calc: 1 Ready)</td>
<td>3-3</td>
<td>2</td>
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<tr>
<td>ME 216</td>
<td>Design (Calc: 1 Ready)</td>
<td>3-3</td>
<td>2</td>
</tr>
<tr>
<td>ME 220</td>
<td>Materials Lab (Calc: 1 Ready)</td>
<td>3-3</td>
<td>2</td>
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<tr>
<td>STAT 370</td>
<td>Statistics for Engineers (AEMS Placement: 144)</td>
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<td></td>
</tr>
<tr>
<td>EE 261</td>
<td>Electrical Circuits (AEMS Placement: 146)</td>
<td>3</td>
<td></td>
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<tr>
<td>MEE 201</td>
<td>Materials Science (AEMS Placement: 147)</td>
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<td></td>
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<tr>
<td>ME 301</td>
<td>Fluid Mechanics (Calc: 1 Ready)</td>
<td>3-3</td>
<td>2</td>
</tr>
<tr>
<td>ME 303</td>
<td>Manufacturing Processes (Calc: 1 Ready)</td>
<td>3-3</td>
<td>2</td>
</tr>
<tr>
<td>ME 313</td>
<td>Engineering Analysis (Calc: 1 Ready)</td>
<td>3-3</td>
<td>2</td>
</tr>
<tr>
<td>ENGL 402</td>
<td>Technical Writing (Calc: 1 Ready)</td>
<td>3-3</td>
<td>2</td>
</tr>
<tr>
<td>ME 401</td>
<td>Mechantronics</td>
<td>3-3</td>
<td>2</td>
</tr>
<tr>
<td>ME 405</td>
<td>Thermal Systems Design</td>
<td>3-3</td>
<td>2</td>
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<tr>
<td>ME 415</td>
<td>Engineering Design</td>
<td>3-3</td>
<td>2</td>
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<tr>
<td>ME 406</td>
<td>Experimental Design Lab</td>
<td>3-3</td>
<td>2</td>
</tr>
<tr>
<td>ME 416</td>
<td>Mechanical Systems Design</td>
<td>3-3</td>
<td>2</td>
</tr>
</tbody>
</table>
# MSE COURSE MATRIX

## Undergraduate Curriculum

<table>
<thead>
<tr>
<th>1st Year</th>
<th>2nd Year</th>
<th>3rd Year</th>
<th>4th Year</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FALL</strong></td>
<td><strong>FALL</strong></td>
<td><strong>FALL</strong></td>
<td><strong>SPRING</strong></td>
</tr>
<tr>
<td>MATH 171</td>
<td>MATH 220</td>
<td>STAT 370</td>
<td>ME 416</td>
</tr>
<tr>
<td>[3-3-4] (C)</td>
<td>[2-0-2]</td>
<td>[0-2-0]</td>
<td>[1-6-3]</td>
</tr>
<tr>
<td>Calculus I</td>
<td>Linear Algebra</td>
<td>Statistics</td>
<td>Mechanical Systems Design</td>
</tr>
<tr>
<td>ALGEBRA Placement = 98%</td>
<td>(MATH 171 or 175)</td>
<td>(STAT 370 or MATH 172)</td>
<td>(Controlled Major in MSE)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>1st Year</th>
<th>2nd Year</th>
<th>3rd Year</th>
<th>4th Year</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SPRING</strong></td>
<td><strong>SPRING</strong></td>
<td><strong>SPRING</strong></td>
<td><strong>SPRING</strong></td>
</tr>
<tr>
<td>MATH 172</td>
<td>MATH 273</td>
<td>EE 261</td>
<td>ENG 402</td>
</tr>
<tr>
<td>[3-3-4] (C)</td>
<td>[2-0-2]</td>
<td>[3-3-4]</td>
<td>[3-3-9]</td>
</tr>
<tr>
<td>Calculus II</td>
<td>Linear Algebra</td>
<td>Electrical Circuits I</td>
<td>Technical Writing</td>
</tr>
<tr>
<td>MATH 172</td>
<td>(MATH 172 or 175)</td>
<td>(MATH 220 or PHYS 202)</td>
<td>ENG 101, junior standing</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>1st Year</th>
<th>2nd Year</th>
<th>3rd Year</th>
<th>4th Year</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FALL</strong></td>
<td><strong>FALL</strong></td>
<td><strong>FALL</strong></td>
<td><strong>SPRING</strong></td>
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<tr>
<td>CHEM 105</td>
<td>PHYSICS 201</td>
<td>EE 262</td>
<td>MSE 413</td>
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<tr>
<td>[3-3-4] (C)</td>
<td>[3-3-4]</td>
<td>[1-6-1]</td>
<td>[3-3-9]</td>
</tr>
<tr>
<td>Principles of Chemistry I</td>
<td>Mechanics of Materials</td>
<td>Electrical Circuits I</td>
<td>Mechanics of Solids</td>
</tr>
<tr>
<td>ALGEBRA Placement = 98%</td>
<td>(ME 320 or PHYS 202)</td>
<td>(MATH 220 or PHYS 202)</td>
<td>(EE 215 or PHYS 202)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1st Year</th>
<th>2nd Year</th>
<th>3rd Year</th>
<th>4th Year</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SPRING</strong></td>
<td><strong>SPRING</strong></td>
<td><strong>SPRING</strong></td>
<td><strong>SPRING</strong></td>
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<tr>
<td>MSE 110</td>
<td>MSE 302</td>
<td>EE 321</td>
<td>MSE 425</td>
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<tr>
<td>[0-2-0]</td>
<td>[3-3-0]</td>
<td>[3-3-2]</td>
<td>[0-9-3]</td>
</tr>
<tr>
<td>Innovation in Design</td>
<td>Electronic Materials</td>
<td>Materials Characterization</td>
<td>Structural Mechanics I</td>
</tr>
<tr>
<td>(Elect. Eng., Science)</td>
<td>(MSE 320 or MSE 321 or MSE 323)</td>
<td>(MSE 410 or MSE 420)</td>
<td>(MSE 420)</td>
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<table>
<thead>
<tr>
<th>1st Year</th>
<th>2nd Year</th>
<th>3rd Year</th>
<th>4th Year</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FALL</strong></td>
<td><strong>FALL</strong></td>
<td><strong>FALL</strong></td>
<td><strong>SPRING</strong></td>
</tr>
<tr>
<td>ENGL 101</td>
<td>MSE ELECTIVE</td>
<td>MSE 323</td>
<td>ENGINEERING &amp; SCIENCE ELECTIVE</td>
</tr>
<tr>
<td>[0-3-0]</td>
<td>[3-3-3]</td>
<td>[3-3-2]</td>
<td>[3-0-3]</td>
</tr>
<tr>
<td>Technical Writing</td>
<td>Any 600 or 700 level</td>
<td>Materials Characterization</td>
<td>See Above</td>
</tr>
<tr>
<td>ENG 101, Junior Standing</td>
<td>MSE 410</td>
<td>(MSE 410)</td>
<td>(MSE 410)</td>
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<table>
<thead>
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<th>2nd Year</th>
<th>3rd Year</th>
<th>4th Year</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SPRING</strong></td>
<td><strong>SPRING</strong></td>
<td><strong>SPRING</strong></td>
<td><strong>SPRING</strong></td>
</tr>
<tr>
<td>MSE ELECTIVE</td>
<td>TECHNICAL ELECTIVE</td>
<td>ENGINEERING &amp; SCIENCE ELECTIVE</td>
<td>See Above</td>
</tr>
<tr>
<td>[3-3-3]</td>
<td>[3-3-3]</td>
<td>[3-0-3]</td>
<td></td>
</tr>
</tbody>
</table>
Understanding the courses and plan through credit, pre-reqs, and certification requirements!

**KEY**
- = Certification Course; * = Grade calculated for ENGR GPA; [ ] = Lecture Hours - Lab Hours - Total Credits
( ) = Minimum Grade Required; { } = Course pre-requisites; c// = Concurrent Enrollment; MIE = Certified Major in Mechanical Engineering; <FALL> = Course typically offered during Fall; <SPRING> = Course typically offered during Spring

**PHYSICS 201**
- [3-3-4] (C) *
- Physics for Scientists & Engineers
- {MATH 171, MATH 172 or c//}

- Final grade to be used to calculate engineering GPA (Math, Science and ENGR courses)
- 3 hrs lab/week
- Minimum grade Required
- 4 total credits
- Concurrent enrollment PHYSICS 201 may be taken in the same term as MATH 172
Where to access the course matrix?

• WSU MME website:  [https://mme.wsu.edu/](https://mme.wsu.edu/)
  Academics→ Undergraduate→ Mechanical Engineering (or Material Science Engineering) → Curriculum

ME  [https://mme.wsu.edu/undergraduate/mechanical-engineering/](https://mme.wsu.edu/undergraduate/mechanical-engineering/)
Course Planning Tools

Advisement Report

Course matrix

Advising sheet
my.WSU
Student Center
Click on tile for:
Academic Advising
• From the menu on the left – click Academic Progress
• Compare completed courses with Course Matrix
• Fill out advising sheet
The Academic Requirements includes a section for certification, this is where you can find your ENGR GPA.

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
<th>When</th>
<th>Grade</th>
<th>Transfer Equivalent Detail</th>
<th>Status</th>
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<tbody>
<tr>
<td>CE 211</td>
<td>Statics</td>
<td>3.00</td>
<td>2017 Fall Semester</td>
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</tr>
<tr>
<td>CHEM 105</td>
<td>Principles of Chemistry I</td>
<td>4.00</td>
<td>2016 Fall Semester</td>
<td>A</td>
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<tr>
<td>CHEM 106</td>
<td>Principles of Chemistry II</td>
<td>4.00</td>
<td>2017 Spring Semester</td>
<td>A</td>
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<tr>
<td>EE 221</td>
<td>Numerical Computing Engineers</td>
<td>2.00</td>
<td>2017 Fall Semester</td>
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<tr>
<td>MATH 171</td>
<td>Calculus I</td>
<td>3.35</td>
<td>2016 Fall Semester</td>
<td>TA</td>
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<td>MATH 172</td>
<td>Calculus II</td>
<td>4.00</td>
<td>2016 Fall Semester</td>
<td>A</td>
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<tr>
<td>MATH 220</td>
<td>Introductory Linear Algebra</td>
<td>2.00</td>
<td>2017 Spring Semester</td>
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<tr>
<td>MATH 273</td>
<td>Calculus III</td>
<td>2.00</td>
<td>2017 Spring Semester</td>
<td>A</td>
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<tr>
<td>MATH 315</td>
<td>Differential Equations</td>
<td>3.00</td>
<td>2017 Fall Semester</td>
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<tr>
<td>ME 115</td>
<td>Engin Computer-aided Design</td>
<td>2.00</td>
<td>2017 Spring Semester</td>
<td>A</td>
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Advising Sheet:
Fill out to the best of your ability and bring to your advising appointment

Map out your academic plan

Make a list of requirements that are not satisfied

<table>
<thead>
<tr>
<th>Remaining Requirements:</th>
<th>Course</th>
<th>Credits</th>
<th>Term</th>
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<tbody>
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<table>
<thead>
<tr>
<th>Term: FALL 2019</th>
<th>Course</th>
<th>Credits</th>
<th>Term</th>
<th>Course</th>
<th>Credits</th>
<th>Term</th>
<th>Course</th>
<th>Credits</th>
<th>Term</th>
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</thead>
<tbody>
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<table>
<thead>
<tr>
<th>Term: SPRING 2020</th>
<th>Course</th>
<th>Credits</th>
<th>Term</th>
<th>Course</th>
<th>Credits</th>
<th>Term</th>
<th>Course</th>
<th>Credits</th>
<th>Term</th>
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<th>Term: FALL 2020</th>
<th>Course</th>
<th>Credits</th>
<th>Term</th>
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<th>Credits</th>
<th>Term</th>
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</thead>
<tbody>
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</tr>
</tbody>
</table>

Expected Certification: ____________________________
Expected Graduation: ____________________________

Additional Major: ____________________________
Internship: [ ] Meet with Sandi Stahl (Office 1386) https://www.wsu.edu/registrar/academic/calendars
[ ] Fall Event
[ ] Spring Event
Faculty Mentor: [ ] Fall Event [ ] Spring Event
Must attend Fall 2019 Mentoring Event, Thursday, Sept. 12th 6:00 - Todd 116
Must attend Fall 2019 New Student Orientation, Thursday, Sept. 5th 6:30 - Todd 116

Registration Holds:______________________________
Check student center
Timed Exam: [ ] Timed Exam
Packet: [ ] Packet

Questions/Notes: Check catalog for course pre-reqs - This document is for unofficial planning purposes - review requirements in my WSU
Current WSU GPA = , Current ENGR GPA = "a grade of [E-] = 2.7 GPA"
Save all graded writing assignments for options for Junior Writing Portfolio
VCEA Technical & Career Fair - October 1st - update Handshake profile ASAP!

Reviewed by: ________ Date: ________
Student Signature: ____________________________
Finding and Meeting with Advisors

Who is my MME Advisor?

*Check your student center in my.WSU*

<table>
<thead>
<tr>
<th>Advisor</th>
<th>OFFICE</th>
<th>ID#</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amy Johnson</td>
<td>Sloan 207</td>
<td>00-33</td>
</tr>
<tr>
<td>Andrea Butcherite</td>
<td>Sloan 209</td>
<td>34-67</td>
</tr>
<tr>
<td>Megan Comstock</td>
<td>Sloan 205</td>
<td>68-99</td>
</tr>
</tbody>
</table>

• Set up an appointment through Advising Navigate
• **Be on time!**
• Come prepared with the advising sheet & a list of questions
• Remember to introduce yourself!
Registration

- Registration: Be ready for your registration time!
  - Date and times should be available the week of October 7th
- Priority Registration begins November 4th
- Meet with your advisor before November 1st
- Take care of any registration holds
  - There are 24 ways WSU can prevent students from registering
- Place courses in your Shopping Cart
- Validate Enrollment
myWSU FAQs for Students

- How do I add classes to my shopping cart using the Classic View in myWSU?
- How do I enroll in classes?
- How do I drop a class?
- How do I swap a class?
- How do I view my position on the wait list?
- I get an error message saying 'Requisites not met' when I try to register for a class. What exactly does that mean?
- How to Apply for Graduation
- Where can I find course abbreviations for Schedule Surfer?
- How to View Unofficial Transcripts?
- How do I order an official transcript as a PDF?
- How do I change a credit or instructor variable credit class?
- How do I view my grades?
- How do I set up Third Party Access?

https://registrar.wsu.edu/

https://registrar.wsu.edu/academic-calendar/
Minimum Requirements for ME
- MATH 171
- CHEM 105
- MATH 172
- PHYSICS 201
- CE 211

Minimum Requirements for MSE
- MATH 171
- CHEM 105
- MATH 172
- CHEM 106
- PHYSICS 201

Grades and GPA:
- A 4.0
- B 3.0
- C 2.0
- F 0.0

To be competitive: GPA > 2.7
To be eligible: GPA > 2.50

Must earn at least a C in each course required for certification.
Jr. Writing Portfolio

Two steps to complete:

1. Timed Writing Exam
2. Three samples of your best work, with instructor signature

They can be submitted separately in different semesters, or all at once.

When to complete- any time! This can be done before junior year, but by junior year (60 credits+) if not resolved you will receive a HOLD that would impact ability to enroll in classes.

PLAN AHEAD! Save work!
And other helpful hints to prepare ahead of time.
Things I wish I knew as a student in regards to the Jr. Writing Portfolio…

- PLAN AHEAD! Not only saving work but collect signatures along the way.
- Blackboard submissions do not save forever, keep records and print off the writing material if submitted online.
- In case of computer errors, keep a back up or a physical copy.
You can benefit from utilizing the resources available to you. Be successful in and out of the classroom. Prepare for graduation with a career in mind.

Fall VCEA Technical Career Fair – Oct. 1\textsuperscript{st} 10:00-3:00
Fall term is a heavy recruiting season for summer internships

Spring Career Expo [ASCC] – February
Tutoring, Career Services, Scholarships

• TUTORING
  • VCEA Tutoring Center (DANA 152): https://vcea.wsu.edu/tutors/
  • Math Learning Center (Cleveland 130): http://math.wsu.edu/mlc/
  • Writing Center (CUE 303): https://writingprogram.wsu.edu/undergraduate-writing-center/

• VOILAND INTERNSHIPS AND CAREER SERVICES
  • Sandi Brabb, Dana 138: https://vcea.wsu.edu/ppel/students/

• SCHOLARSHIPS:
  https://vcea.wsu.edu/scholarships/
  • Watch for email from your advisor about scholarship opportunities
Year-Round Academic Resources

Winter Session – Study Abroad – Summer Session - Internships

Internships
Internships are typically a one-time work (10-12 weeks) experience related to a student’s major or career goal, often completed in the summer. Normally, an internship does not interfere with college classes, but due to the shorter duration, less training is accomplished.

Internships can be paid or unpaid and the student may or may not receive academic credit for performing the internship.

Professional Practice & Experiential Learning
ACADEMIC INTEGRITY

• Academic Regulation 46, Penalty for Academic Dishonesty.
• Not sure if it is a violation of the academic integrity policy? Talk to your TA or instructor.
• Bottom Line: Do your own work and give credit where it’s due (cite sources clearly and properly).

Cheating, Plagiarism, Use of Unauthorized Resources, Fabrication, Multiple Submissions of the Same Work, . . .
Apply for graduation!

- **When**
  - MME expects students to apply earlier than the university deadline to assist with enrollment of senior courses.
  - **Plan to apply the term after you complete 90 credits.**

- **How**
  - Online through my.WSU
  - [https://graduations.wsu.edu/applying-for-graduation/](https://graduations.wsu.edu/applying-for-graduation/)
RESOURCES FOR STUDENTS

- Cougar Health Services
- Crises Resources
- Access Center
- Center for Civic Engagement
- Center for Community Standards
- Center for Fraternity and Sorority Life
- Gender Identity/Expression and Sexual Orientation Resource Center [GEISORC]

- International Programs
- Multicultural Student Services
- Office of the Dean of Students
  - AWARE Network
- Office of the Ombudsmen
- Residence Life
- Student Involvement
- Women’s Center
- WSU Psychology Clinic
- Office of Civil Rights Compliance and Investigation

Cougs help Cougs!
WSU Safety Incidents

- Slips, Trips & Falls 128
- Ergonomic Injuries 105
- Struck by Objects 53
- Cuts 50
CLUB SAFETY

WAZZU Racing

Club Safety Officer
LAB SAFETY

Undergraduate Research

Faculty Mentor School Safety Training
School of Mechanical & Materials Engineering
Student Clubs

♦ Aeronautics and Astronautics Aerospace Club (AIAA)
♦ American Society of Mechanical Engineering (ASME)
♦ Cougar CAD Club
♦ Humanitarian Engineering at Washington State (HEWS)
♦ Material Advantage (ASM)
♦ Materials Research Society (MRS)
♦ Robotics Club
♦ Society for the Advancement of Material and Process Engineering (SAMPE)
♦ Society of Automotive Engineers – Formula Car (FSAE)

For more information on MME clubs, https://mme.wsu.edu/clubs/
For more information on all VCEA clubs, go to https://vcea.wsu.edu/student-clubs-and-professional-societies/.
American Institute of Aeronautics & Astronautics

President: Bryson Jaipean
Advisor: Dr. Jake Leachman

General Meetings:
Mondays & Fridays - Dana 51 @ 5:30 p.m.

For more information:
hub.wsu.edu/aerospace
President: Kayla M. Schumacher
Advisor: Dr. Roland Chen
General Meetings: Tuesdays @ 6 p.m. in Dana 242

Website: http://asme.wsu.edu/
Facebook: https://www.facebook.com/groups/157740581016552/

The mission of the American Society of Mechanical Engineers (ASME) is to provide an opportunity for students to begin their professional careers by joining a professional engineering society and to inform students of recent developments in the field of mechanical engineering through publications, field trips and meetings; to promote fellowship.
COUGAR CAD CLUB

President: Sean Dimmer
Advisor: Dave Torick

For more information: https://orgsync.com/173229/chapter

WSU CAD Club

Activities:
- Training to become a Certified SolidWorks Professional
- Industry expert visitors to train members on different CAD software packages
- CAD and simulation support of other clubs at WSU to help them achieve their goals
- Compete in software competitions for cash and technology prizes
What is HEWS?

The purpose of Humanitarian Engineering at Washington State (HEWS) is to design, test, and develop solutions to global community issues. Members should expect to apply their creative/engineering skills in order to help their global community as a whole, and to learn and grow as students of Washington State University. Work done within the club will help students to expand their current skillset to include design, manufacturing techniques, communication, etc., all while giving them the tools to help those in need.

What Are We Working On?

Currently our club is working with a charity in Kampala, Uganda to build a brick extruder. We plan to finish our design and prototyping by the end of the Fall 2018 semester, so that we can prepare for fabrication and implementation. We are also upsaling a project that was started last year for the Whitman County Humane Society, which involved retrofitting their outer kennel doors to open to the outside without having to enter the kennels.

Who Can Join?

We accept anyone, from any background or major. Just because HEWS is focused around engineering doesn’t mean we don’t need economic analysis, graphic design, outreach, or other important roles filled in our club. Contact us to learn about how to get involved!

President: Samuel Parkman
Advisor: Dave Torick

For more information:
https://orgsync.com/159738/chapter
Material Advantage
ASM/AIME/MA

Co-Presidents: Caitlin Grover & Jessie Schweitzer

For more information:
https://www.facebook.com/groups/2209276197/
https://orgsync.com/38879/chapter
President: TBD
Advisor: Dr. John Swensen

For more information:
http://robotics.eecs.wsu.edu/
https://www.facebook.com/wsu.robotics/
https://orgsync.com/78787/chapter

Members
We are mostly undergraduate and graduate students in CS, EE, CPE & ME, but we also have members from other majors as we are open to all WSU students who are interested in robotics.

Weekly Meeting
5:30 pm to 7:00 pm on Thursdays
Dana Hall 3, Intelligent Robot Learning Laboratory

The Experience
The club provides a collaborative and hands-on experience in planning, building, and programming robots. We also offer basic to advanced tutorials relative to robotics. We also strive to engage our local community in robotics.
SAMPE North America Student Program Opportunities

The Society for the Advancement of Material and Process Engineering (SAMPE) is a global professional member society that provides information on new materials and processing technology via conferences, exhibitions, technical forums, publications, and books. As the only technical society encompassing all fields of endeavor in materials and processes, SAMPE provides a unique and valuable forum for scientists, engineers, and academicians.

**Fall Conference**
- **Research Symposium at CAMX**
  - Description: Technical Research Recognition and Award
  - Award: $1000-10000 depending on category, flight and lodging for CAMX
  - Deadline: February
  - Additional Information: [www.orgsync.com/sampe-URS](https://www.orgsync.com/sampe-URS)

**Chapter Funding**
- Description: Student Chapters can apply for yearly funding to support student activities
- Award: $500 maximum to be distributed by the Chapter's Faculty Advisor
- Deadline: December

**Fall & Spring Conference Student Social Reception**
- Description: Students can attend annual Student Reception during the Fall and Spring Conferences
- Dinner and networking opportunity
- Additional Information: [www.sampeamerica.org](http://www.sampeamerica.org)

**Professional Membership**
- Description: FREE 1 year Professional Membership
- Award: Membership Fee waived
- Deadline: 1 Year from Graduation Date
- Additional Information: [www.orgsync.com/sampe-recent-grad](https://www.orgsync.com/sampe-recent-grad)

**Spring Conference**
- **International Leadership Program**
  - Description: Networking opportunity with peers and industry professionals in the Materials and Processes community
  - Award: SAMPE Spring Conference admission, flight and lodging paid in full for selected Student Leaders
  - Deadline: March
  - Additional Information: [www.orgsync.com/sampe-leader-award](https://www.orgsync.com/sampe-leader-award)

**Bridge Competition**
- Description: Annual Competition building and testing composite bridges during the SAMPE Spring Conference
- Award: up to $650 for winning entries
- Deadline: March with Kitt May without Kitt
- Additional Information: [www.orgsync.com/sampe-bridge-contest](https://www.orgsync.com/sampe-bridge-contest)

**Additive Manufacturing Competition**
- Description: Annual Competition designing, fabricating using additive manufacturing machine and testing parts
- Award: $150-500 for winning entries
- Deadline: April
- Additional Information: [www.orgsync.com/sampe-am-contest](https://www.orgsync.com/sampe-am-contest)

**Poster Contest**
- Description: Poster Contest at SAMPE Spring Conference
- Award: $500 first place prize
- Deadline: April
- Eligibility: Any SAMPE Student member
- Additional Information: [www.sampeamerica.org](http://www.sampeamerica.org)

For more information: [https://orgsync.com/55112/chapter](https://orgsync.com/55112/chapter)
President: Elizabeth Makizuru
Advisor: Kurt Hutchinson
Office/Shop Location: ELB 9
For more information:
https://www.facebook.com/wazzuracing/
https://sae.eecs.wsu.edu/
https://orgsync.com/41186/chapter

WSU Formula SAE
WAZZU RACING TEAM
President: Alyssa Hampton
Advisor: Yadira Paredes
E-mail: nsbe.wazzu@wsu.edu

For more information:
https://www.facebook.com/NSBE.Wazzu/
https://orgsync.com/44002/chapter
The Society of LatinX Engineers and Scientists (SOLES) is an organization under the Society of Hispanic Professional Engineers (SHPE) that seeks to develop our STEM members both academically and professionally through professional conferences, networking, and workshops.

**General Meetings**
When: Thursdays 6:00pm – 7:00pm
Where: Compton Union Building Room 310

Follow us on Facebook!

[WSU SOLES/SHPE](https://orgsync.com/40594/chapter)

**Advisor:** Yadira Paredes

**For more information:**
https://vcea.wsu.edu/lsamp/soles/
https://www.facebook.com/groups/309640998893/
https://orgsync.com/40594/chapter
Society of Women Engineers
Washington State University

Officers

President: Rachel Johnson
Office Hours: Wed 1:10-2pm, Dana 213
Email: rachel.b.johnson@wsu.edu

Bio: This is my third year serving as a SWE officer and I am passionate about promoting diversity within STEM. I am from Santa Clara, CA and I’m majoring in mechanical engineering. I enjoy paddle boarding, hiking and baking during my free time.

For more information:
https://swe.wsu.edu
https://www.facebook.com/swe.wsu.pullman/
https://orgsync.com/40602/chapter

The Society of Women Engineers is excited to host the 10th annual Kids’ Science and Engineering Day!
Building off of the success and momentum from the 2018 KSED, the WSU Society of Women Engineers is now recruiting volunteers to help out with the 2019 KSED event! It was only with the help of over 200+ volunteers, 30+ WSU clubs and several committees that we were able to pull off such an amazing event.

Why should you get involved? KSED provides an opportunity for students grades K-5 to learn basic science principles through fun, hands-on activities. We partner with various organizations across WSU to provide engaging activities to teach science and engineering concepts. This year, KSED will take place in March and be located at the Smith Center for Undergraduate Education (CUE).
The Washington Beta Chapter at Washington State University

Chapter Information

- Chapter Number: 43
- TBP District: 14
- Installation Date: March 17, 1923
- Location: Pullman, WA
- Chapter Bylaws: WA B
- IRS EIN: 91-6056339
- IRS 990 Date: 11/15

Current Chapter Officers

- President: Danielle Rachelle Roan
  Contact by Email
- Vice President: Samantha Rose Bennett
  Contact by Email
- Chief Advisor: Bill Franklin Cofor, Ph.D., P.E. (Term Expires June 30, 2020)
  Contact by Email
- Advisor: Sharon Louise DeChenne (Term Expires June 30, 2019)
  Contact by Email

Sigma Tau History

The Eta chapter of Sigma Tau was chartered on May 16, 1913 and merged with the Washington Beta chapter of Tau Beta Pi in 1974.

President: Grace Harris
Advisor: TBD

For more information:
https://www.facebook.com/groups/wsutaubetapi/
https://orgsync.com/39402/chapter
https://www.tbp.org/off/DisplayChapterInfo.cfm?ID=195
JOIN ANY VCEA CLUB

-> For more information on any VCEA club, go to https://vcea.wsu.edu/

-> Check out a clubs’ RSO page at https://studentinvolvement.wsu.edu/rso/

-> Go see the VCEA CLUB COORDINATOR (THAT’S ME) in Dana 140!!! <-
Services and Resources Provided

Services:
• Resume and Cover Letter Assistance and Review
• Interview Practice : Mock Interviews
• Internship/Job Search Help
• Workshops
• Industry Tours (Thanksgiving & Spring Breaks or By Request)

Resources:
• Career Coaches
• Weekly Internship/Job Opportunity Email
• Digital Displays & Jobs Board (EME 2nd Floor Hall)
• Social Media
CAREER EVENTS

• Career Fairs – October 1 & February 4
• Industry Tours
• Information Sessions/Tech Talks
• Career Development Workshops
• On-Campus Interviews
Contact Information

Social Media
• Facebook: VCEAInternships
• LinkedIn: Voiland College of Engineering and Architecture
• Twitter: @WSUVoilandPPEL

Website: vcea.wsu.edu/ppel

Email: vcea.internships@wsu.edu

Phone: 509-335-8726

Career Coaches (Dana 138):

Drop-in Hours
• M thru F 1-2 p.m.
  ➢ Sandi Brabb
• M thru F 8 a.m. – 5 p.m.
  ➢ Taylor Shewchuk
  ➢ Nicole Griggs

MME Peer Mentor
➢ Sabrina Ali, Dana 138
  – W 8-9 am
  – F 8-9:30 am; 12-1; 3-5
  – Sat 11-1:30
Student Experience

• Daniel Goto (MSE)
• Maya Nakasone (ME)
Preparing for an Engineering Career

Your time at WSU is a tremendous opportunity. Make the most of it.
Preparing for an Engineering Career

Whether your goal is to:
- Be CEO of a Fortune 500 company.
- Win a Nobel Prize.
- Found the next Apple or Google.
- Have a fulfilling career and a happy family life.

• Your degree from WSU MME can enable it. People that preceded you have done all those.
Preparing for an Engineering Career

If you don’t have a goal yet, don’t sweat it. Either way:

• Keep your eyes and ears open for what interests you.
• Make choices that open more doors than they close.
Preparing for an Engineering Career

How do you make those choices?

• Keep your grades up!

• Learn everything you can. It all matters.

• Make the most of your summers.
Why “Keep your grades up!”?

• When it’s time to look for a job, you will be a resume.

• On a resume, employers look at:
  • gpa
  • Work experience (internships)
  • Clubs/leadership
  • Research/projects
  • Special circumstances
Why “Learn everything you can.”?

- Your career will take many twists and turns. You never know what will be useful.

- Communication skills matter at any level, manager or engineer. (written, oral, and sketching)

- Engineers that can work at the boundaries between disciplines are valuable.
Why “Make the most of your summers”? 

- Again, the goal is to create the best possible resume at the end of all this.

- Every summer is a chance to:
  - Beef up your resume with relevant job experience (an internship).
  - Learn more about what you do and don’t want to do.
  - Tie your classes to real-world problems.

OR...
Preparing for an Engineering Career

OR...

• Work on a research project for a professor.

• Get some classes out of the way so you have more time during the regular school year.
  – Can be at WSU or at your local community college.
  – This can free up time for clubs, research projects, or just keeping grades up.
Preparing for an Engineering Career

• Yes, this will be hard work.

• Just because it’s hard, doesn’t mean you’ve chosen the wrong major. It’s hard for everybody.

• When you go look for a job, that hard work will pay off.
Q & A
Make sure you check in on the iPad. Use your Student ID#.

Leading Zero not required

Confirm your name:

Thank you Megan! You've checked in successfully.

Please click Here if the page is not redirecting in 3 seconds.