



# **MME New Student Orientation**

Thursday, January 24  
4.30 to 6 pm, Todd 116

Hosted by:

Jow Ding, Associate Director

Amy Johnson, Academic Advisor

Andrea Butcherite, Academic Advisor

Megan Comstock, Academic Advisor



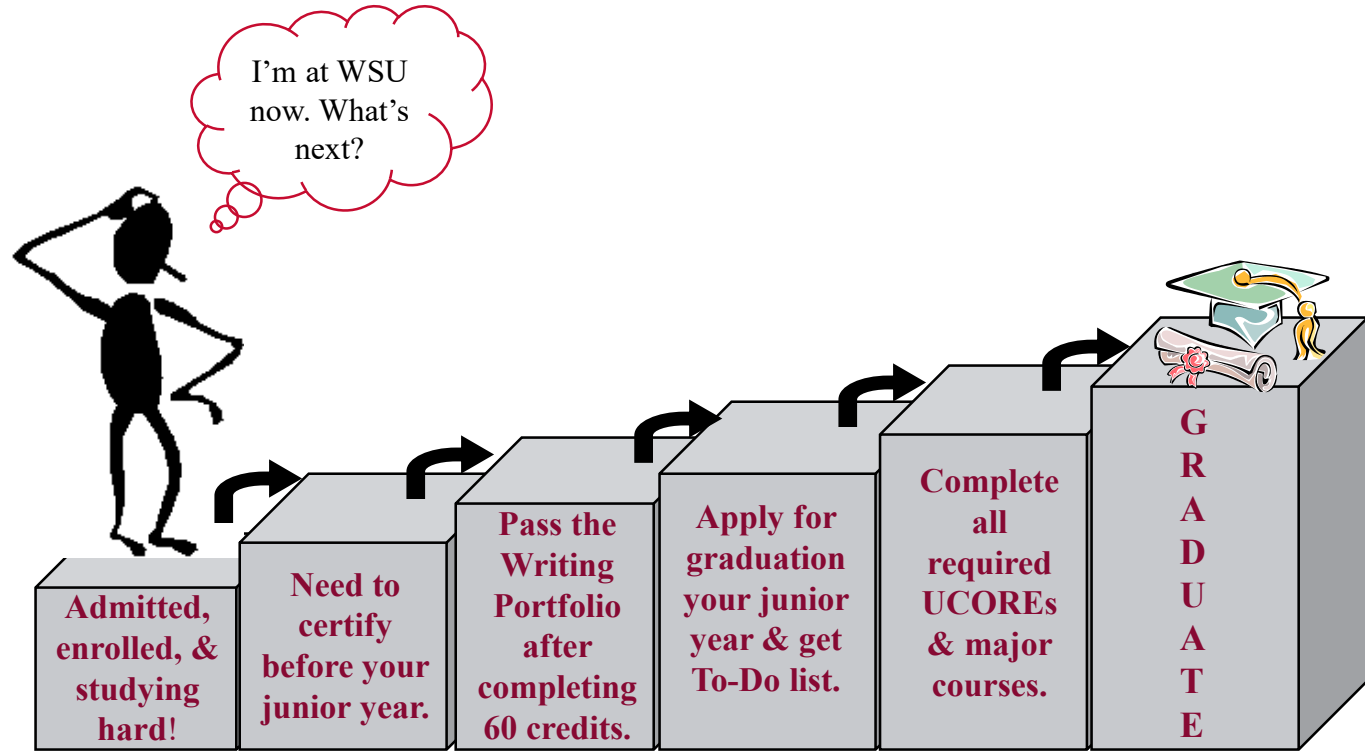
**Make sure you check in on  
the iPad.  
Use your Student ID#.**

Leading Zero not required

A screenshot of a web browser on a kiosk displaying the 'ME Mentoring Event 9/27 9/27/2018' login page. The page title is 'ME Mentoring Event 9/27 9/27/2018'. Below the title, it says 'Please enter your WSU ID:'. There is a text input field for the ID. Below the input field is a numeric keypad with buttons for digits 1 through 9, 0, and a backspace button (X). At the bottom of the keypad are two buttons: 'Check In' and 'Go Back'. The browser's address bar shows 'kiosk.ascc.wsu.edu'.

Confirm your name:

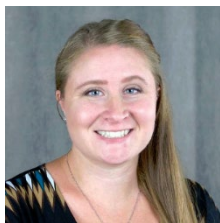
A screenshot of a web browser on a kiosk displaying a confirmation message. The browser's address bar shows 'kiosk.ascc.wsu.edu'. The main content of the page reads: 'Thank you Megan! You've checked in successfully.' Below this, it says 'Please click [Here](#) if the page is not redirecting in 3 seconds.'



# Outline

- Introduction to the Associate Director for Undergraduate Program: Dr. Konstantin Matveev
- Introduction by Indranath Dutta, Director
- Introduction to the Academic Advisors
- Academics (presented by Megan Comstock)
  1. Schedules of Study for ME and MSE (websites)
  2. Certification: Criteria, when, and how (websites)
  3. Jr. Writing Portfolio (websites)
  4. Application for Graduation
  5. Course Planning, Registration, Finding and Meeting with Advisors
  6. Resources Available: Tutoring Service, Career Service, Scholarship (websites)
  7. Academic Integrity
  8. Cougar Health Service: Crisis Support
- Safety (presented by Prof. Bob Richards)
- Student Clubs (presented by Monika Jones)
- Internships, Career Mentoring, and Career Services (presented by Paul Choi/Sandi Brabb)
- Q & A

# MME Academic Advisors



Butcherite, Andrea  
Academic Coordinator  
Pullman students 34-67

[abpatterson@wsu.edu](mailto:abpatterson@wsu.edu)

509-335-2767

Sloan 209



Comstock, Megan  
Academic Coordinator  
Pullman students 68-99

[meganc@wsu.edu](mailto:meganc@wsu.edu)

509-335-8582

Sloan 205



Johnson, Amy  
Academic Coordinator  
Pullman students 00-33

[amy.johnson4@wsu.edu](mailto: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

# **Student Responsibility: WSU Academic Regulations: <https://registrar.wsu.edu/academic-regulations/>**

## **108. STUDENT RESPONSIBILITY FOR GRADUATION**

The student has the ultimate responsibility for meeting all graduation requirements. The student plans the program of study each semester in consultation with the advisor. The degree requirements listed in the catalog and in the advisement report are binding. Colleges may substitute or waive college-level requirements for individual students. Departments may substitute or waive departmental requirements for individual students.

# **We advise → You decide**





## ME and MSE

# Course Matrix

# What is the course matrix?

## Mechanical Engineering 2018-2019 Undergraduate Curriculum

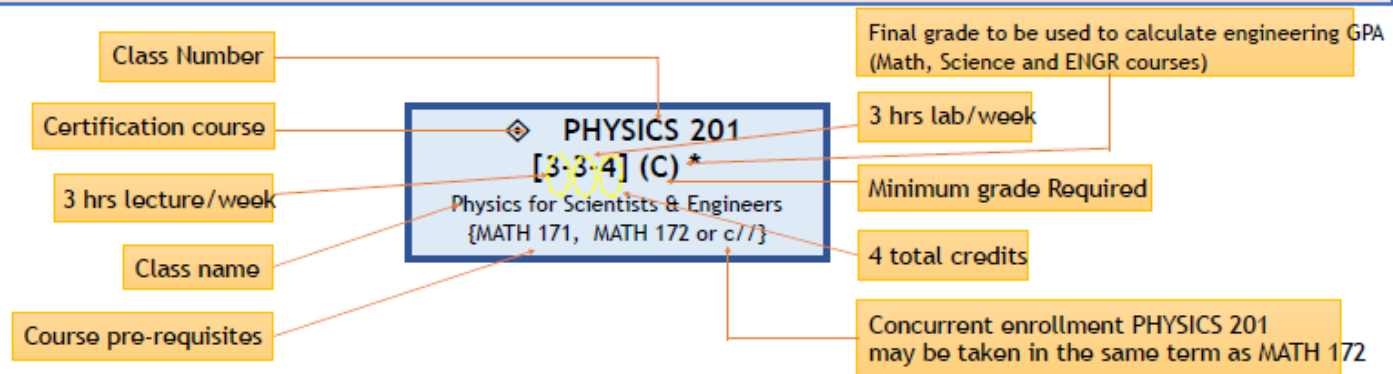
1st Year	FALL 16 Credits	<b>MATH 171</b> [3-3-4] (C)* Calculus I (ALEKS Placement = 83%)	<b>CHEM 105</b> [3-3-4] (C)* Principles of Chemistry I (ALEKS Placement = 80%)	<b>ENGR 120</b> [1-3-2] Innovation in Design (Calc. I Ready)	<b>ENGL 101</b> [3-0-3] College Composition (Writing Placement)	<b>[ARTS]</b> [3-0-3] (Any course under 'ARTS' from UCORE)		
	SPRING 16 Credits	<b>MATH 172</b> [3-3-4] (C)* Calculus II (MATH 171 or c/f)	<b>CHEM 106</b> [3-3-4]* Principles of Chemistry II (CHEM 105)	<b>ME 116</b> [0-6-2] (C)* Engineering CAD & Visualizations (Calc. I Ready)	<b>HISTORY 105</b> [3-0-3] Roots of Contemporary Issues	<b>[BSCI]</b> [3-0-3] Any course under 'BSCI' from UCORE		
2nd Year	FALL 16/18 Credits	<b>MATH 220</b> [2-0-2] (C)* Linear Algebra (MATH 171)	<b>MATH 273</b> [2-0-2] (C)* Calculus III (MATH 172)	<b>PHYSICS 201</b> [3-3-4] (C)* Physics for Scientists & Engineers (MATH 171, MATH 172 or c/f)	<b>CE 211</b> [3-0-3] (C)* Statics (MATH 172 or c/f, PHYSICS 201 or c/f)	<b>EE 221 [2-0-2]*</b> Numerical Computing for Engineers /CPT_S 121 [3-3-4]* Program Design & Development C/C++ (see catalog)	<b>ECONS 102</b> [3-0-3] Macro-Economics (ALEKS Placement = 40%)	
	SPRING 16 Credits	<b>MATH 315</b> [3-0-3] (C)* Differential Equations (MATH 273, MATH 220 or c/f)	<b>PHYSICS 202</b> [3-3-4] (C)* Physics for Scientists & Engineers (PHYSICS 201)	<b>CE 215</b> [3-0-3]* Mechanics of Materials (CE 211)	<b>ME 212</b> [3-0-3]* Dynamics (CE 211)	<b>ME 216</b> [0-6-2]* Integrated CAD Design (ME 116, CE 215 or c/f)	<b>ME 220</b> [0-3-1]* Materials Lab (CE 215 or c/f)	
3rd Year	FALL 16 Credits	<b>STAT 370</b> [3-0-3]* Statistics for Engineers (MATH 172)	<b>EE 261</b> [3-0-3] (C)* Electrical Circuits I (MATH 315 or c/f, PHYSICS 202)	<b>MSE 201</b> [3-0-3]* Materials Science (CHEM 105, PHYSICS 201 or c/f)	<b>ME 301</b> [3-0-3]* Fundamentals of Thermodynamics (PHYSICS 201)	<b>ME 303</b> [3-0-3]* Fluid Mechanics (ME 212)	<b>ME 313</b> [2-3-3]* Engineering Analysis (MATH 315 or c/f, CE 215, ME 116, EE 221 or CPT_S 121)	
	SPRING 16 Credits	<b>ENGL 402</b> [3-0-3] Technical Writing (Junior Standing [60 credits])	<b>EE 262</b> [0-3-1]* Electrical Circuits Lab I (EE 261 or c/f)	<b>ME 304</b> [3-0-3] Heat Transfer (ME 301, ME 303, MSE)	<b>ME 306</b> [1-3-2] Thermal & Fluids Lab (ME 301, ME 303, STAT 370 or c/f, MSE)	<b>ME 310</b> [2-0-2] Manufacturing Processes (MSE 201, MSE)	<b>ME 311</b> [0-3-1] Manufacturing Processes Lab (ME 310 or c/f, MSE)	<b>ME 316</b> [3-0-3] Mech. Comp. Analysis & Design (CE 215, ME 216 or c/f, ME 220 or c/f, MSE)
4th Year	FALL 15 Credits	<b>[DIVR]</b> [3-0-3] Any course under 'DIVR' from UCORE	<b>ME 401</b> [2-3-3] Mechatronics (EE 262, ME 348, MSE)	<b>ME 405</b> [3-0-3] Thermal Systems Design (ME 304, MSE)	<b>ME 415</b> [3-0-3] Engineering Design (ME 310 or c/f, ME 311 or c/f, ME 316 or c/f, MSE)	<b>ME Technical Elective</b> [3-0-3] ME or MSE (400-500) or BE 425 See List Below		
	SPRING 12 Credits	<b>[HUM]</b> [3-0-3] Any course under 'HUM' from UCORE	<b>ME 406</b> [1-6-3] Experimental Design Lab (ENGL 402 or c/f, ME 220, ME 304, ME 306, ME 348, MSE)	<b>ME Technical Elective [3-0-3]</b> ME or MSE (400-500) or BIO_ENG 425 See List Below	<b>ME 416</b> [1-6-3] Mechanical Systems Design (ME 304, ME 348, ME 415, MSE)			

## Materials Science and Engineering 2018-2019 Undergraduate Curriculum

1st Year	FALL 16 Credits	<b>MATH 171</b> [3-3-4] (C)* Calculus I (ALEKS Placement = 83%)	<b>CHEM 105</b> [3-3-4] (C)* Principles of Chemistry I (ALEKS Placement = 80%)	<b>MSE 110</b> [2-0-2] Innovation in Design (Calc. I Ready)	<b>ENGL 101</b> [3-0-3] College Composition (Writing Placement)	<b>[ARTS]</b> [3-0-3] (Any course under 'ARTS' from UCORE)	
	SPRING 16 Credits	<b>MATH 172</b> [3-3-4] (C)* Calculus II (MATH 171)	<b>CHEM 106</b> [3-3-4]* Principles of Chemistry II (CHEM 105)	<b>PHYSICS 201</b> [3-3-4] (C)* Physics for Scientists & Engineers (MATH 171, MATH 172 or c/f)	<b>HISTORY 105</b> [3-0-3] Roots of Contemporary Issues	<b>[BSCI]</b> [3-0-3] Any course under 'BSCI' from UCORE	
2nd Year	FALL 17 Credits	<b>MATH 220</b> [2-0-2] (C)* Linear Algebra (MATH 171 or c/f)	<b>MATH 273</b> [2-0-2] (C)* Calculus III (MATH 172)	<b>PHYSICS 202</b> [3-3-4] (C)* Physics for Scientists & Engineers (PHYSICS 201)	<b>CE 211</b> [3-0-3] (C)* Statics (MATH 172 or c/f, PHYSICS 201 or c/f)	<b>MSE 201</b> [3-0-3]* Materials Science (CHEM 105, PHYSICS 201 or c/f)	<b>[HUM]</b> [3-0-3] Any course under 'HUM' from UCORE
	SPRING 15/17 Credits	<b>MATH 315</b> [3-0-3] (C)* Differential Equations (MATH 273, MATH 220 or c/f)	<b>[DIVR]</b> [3-0-3]* 'DIVR' from UCORE	<b>CE 215</b> [3-0-3]* Mechanics of Materials (CE 211)	<b>EE 221 [2-0-2]*</b> Numerical Computing for Engineers /CPT_S 121 [3-3-4]* Program Design & Development C/C++ (see catalog)	<b>ECONS 102</b> [3-0-3] Macro-Economics (ALEKS Placement = 40%)	<b>ME 220</b> [0-3-1]* Materials Lab (CE 215 or c/f)
3rd Year	FALL 17 Credits	<b>STAT 370</b> [3-0-3]* Statistics for Engineer (MATH 172)	<b>ME 310</b> [2-0-2] Manufacturing Processes (MSE 201, MIE)	<b>MSE 302</b> [3-0-3]* Electronic Materials (CHEM 106, PHYSICS 201 or c/f)	<b>MSE 316</b> [3-0-3]* Thermodynamics & Kinetics of Materials (MSE 201)	<b>MSE 320</b> [1-6-3]* Materials Structure-Properties Lab (MSE 201 or c/f)	<b>MSE 402</b> [3-0-3]* Polymeric Materials (MSE 201)
	SPRING 15 Credits	<b>EE 261</b> [3-0-3] (C)* Electrical Circuits I (MATH 315 or c/f, PHYSICS 202)	<b>EE 262</b> [1-6-1]* Electrical Circuits Lab I (EE 261 or c/f)	<b>MSE 321</b> [3-0-3]* Materials Characterization (MSE 201)	<b>MSE 323</b> [1-3-2]* Materials Characterization Lab (MSE 321 or c/f)	<b>MSE 401</b> [3-0-3]* Metallic Materials (MSE 201)	<b>MSE 403</b> [3-0-3]* Ceramic Materials (MSE 201)
4th Year	FALL 12 Credits	<b>ME 416</b> [1-6-3] Mechanical Systems Design (Certified Major in MSE)	<b>ME 413</b> [3-0-3]* Mechanics of Solids (CE 215, MSE 201)	<b>MSE 425</b> [0-9-3] Senior Thesis I (MSE 320, MSE 323, Certified MSE)	<b>ENGINEERING &amp; SCIENCE ELECTIVE [3-0-3]*</b> BIOLOGY 301, BIO ENO 401, CE 341, EE 214, ME 116 and ME 216 combined, ME 212, 301, 303, 304, 313, 316, 348, 449, 461, 472, CHEM 331, 332, 345, 347, PHYSICS 303, 304, 463, MBIOS 303, any 400 or 500-level MSE, or any 500-level ME (except Integrated Capstone course in MSE)		
	SPRING 12 Credits	<b>ENGL 402</b> [3-0-3] Technical Writing (ENGL 101, Junior Standing [60 credits])	<b>MSE ELECTIVE</b> [3-0-3] Any 400 or 500 level MSE Course	<b>TECHNICAL ELECTIVE [3-0-3]</b> Upper-division CE, CHE, CHEM, CPTS, EE, MATH, MSE, ME, PHYSICS, or STAT course (except ME 416)		<b>ENGINEERING &amp; SCIENCE ELECTIVE</b> [3-0-3]* See Above	

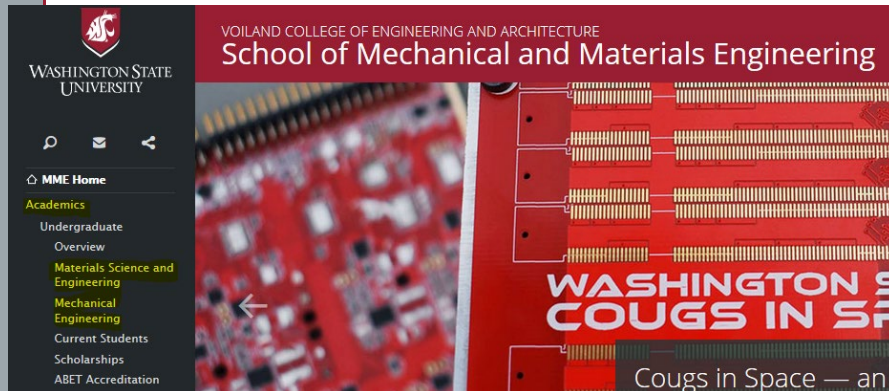
# Understanding the courses and plan through credit, pre-reqs, and certification requirement!

**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



# Where to access the course matrix?

- Access it online through the WSU MME website
  - MME Link: <https://mme.wsu.edu/>
    - Academics → Undergraduate → Mechanical Engineering (or Material Science Engineering) → Scroll to the section “Curriculum”
- Links: Look for the section- Curriculum
  - ME <https://mme.wsu.edu/undergraduate/mechanical-engineering/>
  - MSE <https://mme.wsu.edu/undergraduate/materials-science-and-engineering/>



## Curriculum

Undergraduate curriculum emphasizes the relationship of microscopic structures to macroscopic properties of materials, experimental techniques for characterizing, and the design/selection of materials for engineering applications.

- [Schedule of Classes](#)
- [WSU Catalog](#)

[MSE Course Matrix: Maps out Materials Science and Engineering Curriculum.](#)



# Course Planning, Registration, Finding and Meeting with Advisors

- Course Planning:
  - Advisement Report (myWSU: Academic Advising → Academic Progress → View Report as PDF. Requirements not met will show as **Not Satisfied**)
  - Course matrix and advising sheet
- Registration: Be ready for your registration time! Meet with your advisor, take care of any registration holds, place courses in your Shopping Cart
- Who is my Advisor?: Available through my.WSU → Get Advising
- Advising: Set up an appointment through Advising Navigate, be on time to your appointment, and come prepared with your Advising Sheet filled out to the best of your ability.

Fill out to the best of your ability and bring to your advising appointment

Fill out to the best of your ability and bring to your advising appointment

[illegible]

<b>Term:</b> <u>SPRING 2019</u>	
<b>Course</b>	<b>Credits</b>
<b>Total Credits</b>	

[illegible][illegible]

Expected Graduation: \_\_\_\_\_

Expected Graduation: \_\_\_\_\_

Internship: Meet with Sandi Brabb [Dana 138a]

**Internship:** Meet with Sandi Brabb [Dana 138a]

Attend Spring Mentorin

Attend Spring Mentoring Event: Thursday, January 31st - Todd 116 - 4:30

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Registration Holds: Check student center

$$\text{Control WCHL CDA} = \text{Control ENOF CDA} = \frac{W_{\text{Control}} \times \text{CDA}}{W_{\text{Control}} + W_{\text{Control}} + W_{\text{Control}}} \quad (1)$$

Current WSU GPA = , Current ENGR GPA = [\*\*a grade of [B-] = 2.7 GPA\*\*]

**\*\*To be competitive for ME certification, ENGR GPA should be > 3.00**

Save all graded writing assignments for options for Junior Writing Portfolio

Credits in Progress: \_\_\_\_\_

Credits in Progress:\_\_\_\_\_

Registration Date:

Registration Date:

Writing Portfolio:

**Timed Exam:**

Packet: \_\_\_\_\_

Reviewed by: \_\_\_\_\_ Date: \_\_\_\_\_

Student Signature: \_\_\_\_\_

Undergraduate University Requirements

Writing Portfolio 2016 -

University Common Requirements (UCORE) 2012-17

Certification to the Major Requirements - Mechanical Engineering

Mechanical Engineering

# ENGINEERING GPA

The Academic Requirements  
includes a section for  
certification, this is where you  
can find your ENGR GPA

## Certification to the Major Requirements - Mechanical Engineering

Satisfied: Certification to the Major Requirements - Mechanical Engineering

### Certification to the Major - Mechanical Engineering

Satisfied: Certification to the Major - Mechanical Engineering

Required courses with a C grade or better

24 semester hours completed

Cumulative GPA of 2.50 or higher

Math, Science, and Engineering GPA

Satisfied: Math, Science, and Engineering GPA

- GPA: 0.100 required, 4.000 actual



### The following courses were used to satisfy this requirement:

Personalize   View All   First 1-10 of 11 Last						
Course	Description	Units	When	Grade	Transfer Equivalent Detail	Status
CE 211	Statics	3.00	2017 Fall Semester			◆
CHEM 105	Principles of Chemistry I	4.00	2016 Fall Semester	A		✓
CHEM 106	Principles of Chemistry II	4.00	2017 Spring Semester	A		✓
E_E 221	Numerical Computing Engineers	2.00	2017 Fall Semester			◆
MATH 171	Calculus I	3.35	2016 Fall Semester	TA	LA	✓
MATH 172	Calculus II	4.00	2016 Fall Semester	A		✓
MATH 220	Introductory Linear Algebra	2.00	2017 Spring Semester	A		✓
MATH 273	Calculus III	2.00	2017 Spring Semester	A		✓
MATH 315	Differential Equations	3.00	2017 Fall Semester			◆
ME 116	Engr Computer-aided Design	2.00	2017 Spring Semester	A		✓





WASHINGTON STATE  
UNIVERSITY

## Office of the Registrar

<https://registrar.wsu.edu/>



WASHINGTON STATE  
UNIVERSITY

## Academic Calendar

<https://registrar.wsu.edu/academic-calendar/>

## 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?



# CERTIFICATION

## Minimum Requirements for ME

- MATH 171
- CHEM 105
- MATH 172
- PHYSICS 201
- CE 211

## Grades and GPA:

A 4.0

B 3.0

C 2.0

F 0.0

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B- 2.7

B+ 3.3

## Minimum Requirements for MSE

- MATH 171
- CHEM 105
- MATH 172
- CHEM 106
- PHYSICS 201

## ME Certification

To be competitive: GPA > 3.0

## MSE Certification

To be eligible: GPA > 2.50

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

**How you can benefit from using the course matrix and prepare for graduation with a career in mind.**



Spring Career Expo [ASCC] – February 5<sup>th</sup> 10:00-3:00  
Fall VCEA Technical Career Fair [VCEA] -October

# Take advantage of Summer Opportunities

Use the summer between first & second year to catch up on academic coursework –

## Summer Session

| Session      | Dates           |
|--------------|-----------------|
| Maymester    | May 6–May 31    |
| Early 6-week | May 6–June 14   |
| Early 7-week | May 6–June 21   |
| Early 8-week | May 6–June 28   |
| 12-week      | May 6–July 26   |
| Late 6-week  | June 17–July 26 |
| Late 7-week  | June 24–Aug 9   |
| Late 8-week  | June 3–July 26  |
| Intersession | July 27–Aug. 18 |

Use the summer between second and third year to find a quality internship opportunity

### **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

### Contact PPEL

**Office Hours:** Monday-Friday, 3 – 4 p.m., or by appointment

**Location:** EME 202H

**Phone:** 509-335-3740

**E-mail:** [vcea.internships@wsu.edu](mailto:vcea.internships@wsu.edu)

# Jr. Writing Portfolio



Two steps to complete:

- 1- Timed Writing Exam [February 5<sup>th</sup> & 20<sup>th</sup>]
- 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+) and if not resolved you will receive a HOLD that would impact ability to enroll into classes.

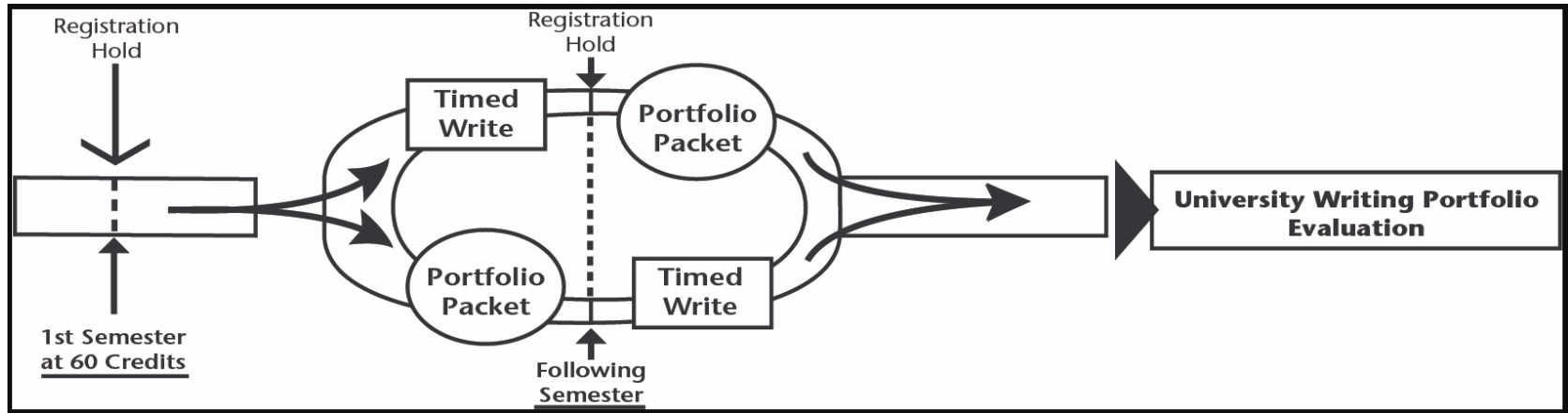


PLAN AHEAD! Save work!

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.



# Resources: 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/>
- Scholarship Opportunities:  
<https://vcea.wsu.edu/scholarships/>
  - Watch for email from your advisor about scholarship opportunities



# 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, . . .



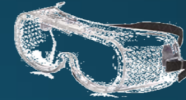


# Apply for graduation!



- 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/>





# CULTURE OF SAFETY

CLASSES, CLUBS, LABS



# WSU Safety Incidents



Slips, Trips & Falls 128



Ergonomic Injuries 105



Struck by Objects 53

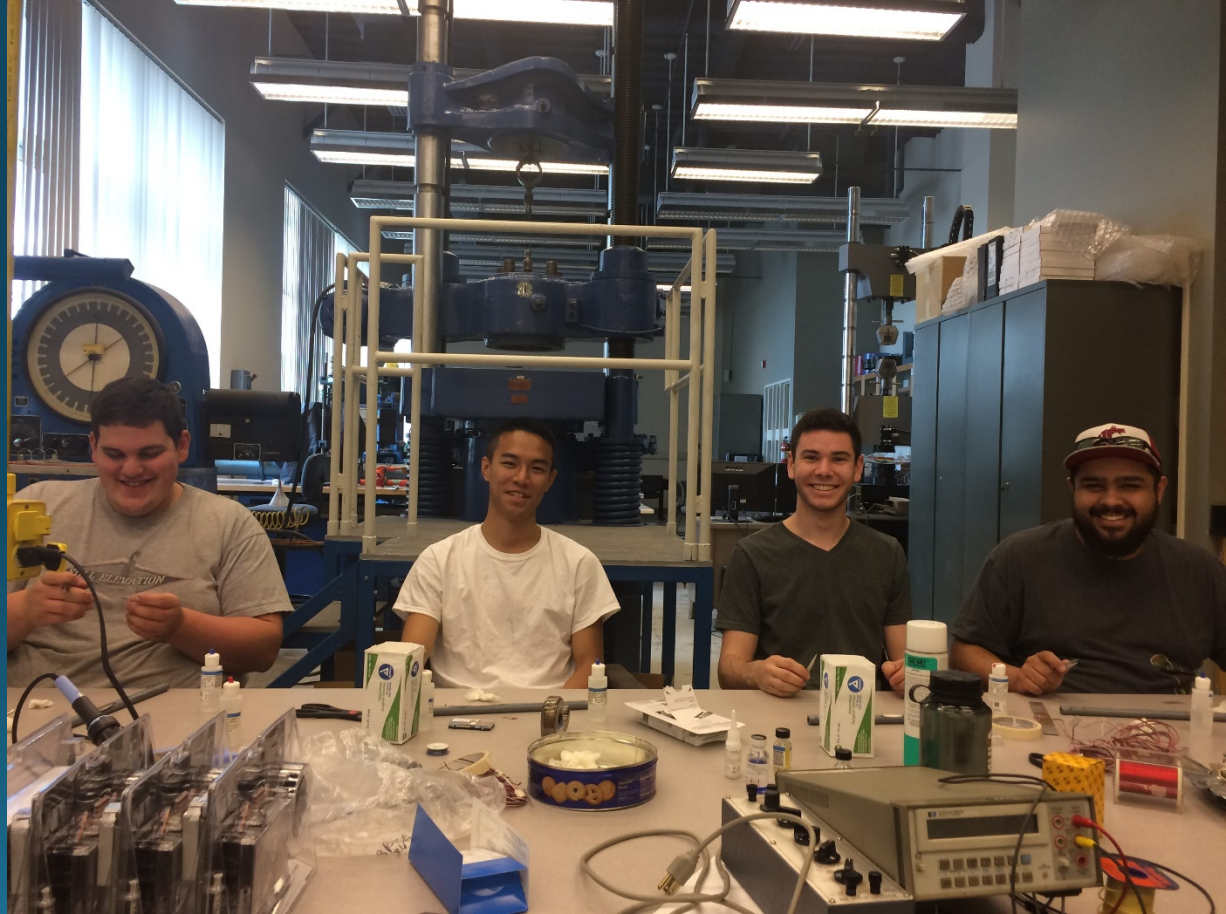


Cuts 50

# CLASS SAFETY

ME 220  
“Busting Lab”

Class Safety  
Training





# 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)
- ◆ Innovating for Sustainable Engineering (ISE)
- ◆ Material Advantage (MA)
- ◆ Materials Research Society (MRS)
- ◆ 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

## AIAA

WSU Aerospace Club



**BE ABOVE THE REST**

Meetings : Monday & Friday

Location : DANA 51

Time : 5:30pm



Genii Unmanned Aerial System  
[hub.wsu.edu/aerospace](http://hub.wsu.edu/aerospace)

**President: Casey Doan**

**[casey.doan@wsu.edu](mailto:casey.doan@wsu.edu)**

**General Meetings:**

**Fridays - Dana 51 @ 5:30 p.m.**

**For more information:**

**[hub.wsu.edu/aerospace](http://hub.wsu.edu/aerospace)**

WSU Aerospace Club



**THE SKY IS JUST THE BEGINNING**

Meeting: Monday & Friday

Location : DANA 51

Time : 5:30pm



[hub.wsu.edu/aerospace](http://hub.wsu.edu/aerospace)

Spaceport America Cup, NM  
June 2018



# American Society of Mechanical Engineers



President: Kayla M. Schumacher

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.





## 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 coming up-

- Weekly training sessions at 5:30 PM on Thursdays in ETRL 249 (New CAD Lab)
  - October 4<sup>th</sup>—Fusion 360 Training 5:30 PM to 9:00 PM, learn a new software
  - October 11<sup>th</sup>, 18<sup>th</sup>, 25<sup>th</sup>—CSWP Training sessions 5:30 to 7:00 PM
  - November 4<sup>th</sup>—CSWP Exam 5:30 to 8:30 PM

For more information con-  
tact the club President

Sam Waldschmidt

[samuel.waldschmitt@wsu.edu](mailto:samuel.waldschmitt@wsu.edu)

# COUGAR CAD CLUB

President:

Sam Waldschmitt

[Samuel.waldschmitt@wsu.edu](mailto:Samuel.waldschmitt@wsu.edu)

For more information:

<https://orgsync.com/173229/chapter>



## **Humanitarian Engineering at Washington State**

### **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 upscaling 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**

Dylan Prichard

360-701-7491

dylan.prichard@wsu.edu

#### **Vice President**

Sean Dimmer

425-246-1128

sean.dimmer@wsu.edu

## **Humanitarian Engineering @ Washington State**

# **HEWS**

### **President:**

**Dylan Prichard**

**Dylan.Prichard@wsu.edu**

### **For more information:**

**<https://orgsync.com/159738/chapter>**

# Innovation for Sustainable Energy

## ISE

President: Mathew Hunt

Website: <https://hub.wsu.edu/ise/>

Facebook: <https://www.facebook.com/wsuinnovation/>

ISE meets and works out of the Hydrogen Properties for Energy Research (HYPER) lab, as the lab helps coordinate and review our efforts to build the first hydrogen liquefier at WSU.

We co-occupy about 2000 square feet of build and design space located in Thermal Fluids Research Building (TFRB) Suites 113 and 108.

Address: 955 NE Oak Street, Pullman, WA 99164-2920.



*Everything Else Is Immaterial*

Biweekly meetings every Thursday at  
4:15 in Dana 246, the MSE lounge!

We are the degree seeking club for materials science and engineering majors at Washington State University, focusing on making our students the best materials science students they can be!

**Main Activities:**

- ▶ Public outreach
- ▶ Faculty Connection
- ▶ Industrial tours
- ▶ Fundraising events
- ▶ Forge project

**Benefits:**

- ▶ Scholarship Opportunities
- ▶ Resume Booster
- ▶ Faculty Connections
- ▶ Leadership Opportunities
- ▶ MSE Tutoring
- ▶ Sense of Community
- ▶ Member of ASM, AIST, ACerS, and TMS

For more information, look up our facebook page "WSU Material Advantage":  
<https://www.facebook.com/groups/2209276197/?ref=bookmarks>

Or email Logan Winston at [logan.winston@wsu.edu](mailto:logan.winston@wsu.edu)

# Material Advantage ASM/AIME/MA

## President:

**Logan Winston**

**[logan.winston@wsu.edu](mailto:logan.winston@wsu.edu)**

## For more information:

**<https://www.facebook.com/groups/2209276197/>**

**<https://orgsync.com/38879/chapter>**

# Robosub of the Palouse

President: Daylan Kelting ([daylan.kelting@wsu.edu](mailto:daylan.kelting@wsu.edu))

Outreach Coordinator: Stacia Kulsa ([stacia.kulsa@wsu.edu](mailto:stacia.kulsa@wsu.edu))

Meeting place: Dana 3 (Intelligence Robot Learning Laboratory)



Annual participate in the *International Robosub Competition in San Diego, CA.*

-> More details can be found here: <https://www.robonation.org/competition/robosub>.

The ME team this year is designing and building two submarines with swarm in mind. By next year, we want 3 submarines in the water communicating concurrently.

Website: <http://robosub.eecs.wsu.edu/>

Facebook: <https://www.facebook.com/palouserobosub/>





# ROBOTICS CLUB

## President:

Brandon Townsend

brandon.townsend@wsu.edu

## 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

5:30pm 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.

<https://orgsync.com/55112/chapter>

# WSU Formula SAE WAZZU RACING TEAM



## President:

Joshua Lo

[Joshua.lo@wsu.edu](mailto:Joshua.lo@wsu.edu)

Office/Shop Location: ELB 9

For more information:

<https://www.facebook.com/wazzuracing/>

<https://sae.eecs.wsu.edu/>

<https://orgsync.com/41186/chapter>







**NSBE**  
NATIONAL SOCIETY OF BLACK ENGINEERS

**President:**

**Addis Kebede**

**addisalem.kebede@wsu.edu**

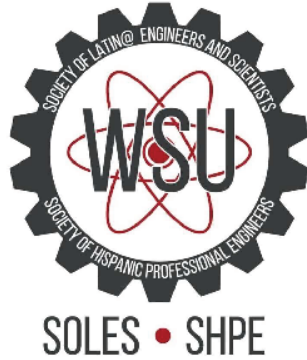
**For more information:**

**<https://www.facebook.com/NSBE.Wazzu/>**

**<https://orgsync.com/44002/chapter>**

**Meetings: Mondays @ 6 p.m. (x2/month)**

**E-mail [nsbe.wazzu@wsu.edu](mailto:nsbe.wazzu@wsu.edu) for more details.**



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!



**Society of Latina Engineers & Scientists  
SOLES**

**Society of Hispanic Professional Engineers  
SHPE**

**President:**

**Brandon Garza**

**brandon.garza@wsu.edu**

**For more information:**

**<https://vcea.wsu.edu/lisamp/soles/>**

**<https://www.facebook.com/groups/309640998893/>**

**<https://orgsync.com/40594/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).

## Officers



**President:** Rachel Johnson

*Office Hours: Wed 1:10-2pm, Dana 213*

*Email: [rachel.b.johnson@wsu.edu](mailto: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>

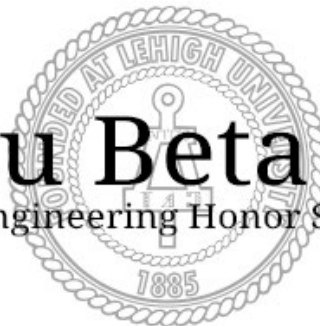
<https://www.facebook.com/swe.wsu.pullman/>

<https://orgsync.com/40602/chapter>



# Tau Beta Pi

The Engineering Honor Society



## The Washington Beta Chapter at Washington State University

### Chapter Information

|                               |                             |                               |                      |
|-------------------------------|-----------------------------|-------------------------------|----------------------|
| Chapter Number:               | 43                          | Chapter Bylaws:               | <a href="#">WA B</a> |
| <a href="#">TBP District:</a> | <a href="#">14</a>          | <a href="#">IRS EIN:</a>      | 91-6056339           |
| Installation Date:            | March 17, 1923              | <a href="#">IRS 990 Date:</a> | 11/15                |
| Location:                     | <a href="#">Pullman, WA</a> |                               |                      |
| Chapter WEB Site:             |                             |                               |                      |

### Current Chapter Officers

|                |                                                                                                   |
|----------------|---------------------------------------------------------------------------------------------------|
| President      | Danelle Rachelle Roan<br><a href="#">Contact by Email</a>                                         |
| Vice President | Samantha Rose Bennett<br><a href="#">Contact by Email</a>                                         |
| Chief Advisor  | Bill Franklin Cofer, Ph.D., P.E. (Term Expires June 30, 2020)<br><a href="#">Contact by Email</a> |
| Advisor        | Sharon Louise DeChenne (Term Expires June 30, 2019)<br><a href="#">Contact by Email</a>           |

### 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:

**Danelle Roan**

**[danelle.roan@wsu.edu](mailto:danelle.roan@wsu.edu)**

### For more information:

**<https://www.facebook.com/groups/wsutabetapi/>**

**<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!!! <-

# INTERNSHIPS & CAREER SERVICES

Paul Choi, Graduate Assistant  
Dana 138 | 509.335.3740  
[vcea.internships@wsu.edu](mailto:vcea.internships@wsu.edu)

V O I L A N D

INTERNSHIPS & CAREER SERVICES

[Internships](#) | [Co-ops](#) | [Jobs](#) | [Dreams](#)

# Services and Resources Provided

## Services:

- Resume and Cover Letter Assistance and Review
- Interview Practice : Mock Interview (Thurs.)
- Internship/Job Search Help
- Industry Tours (Blue Origin, Lower Granite Dam)

## Resources:

- Career Coaches
- Weekly Internship/Job Opportunity Email
- Digital Displays & Jobs Board (EME 2<sup>nd</sup> Floor Hall)
- Social Media
- MME Career Mentoring Meeting – Thurs, 1/31/19, 4:30-6 pm, Todd 116





## CAREER EVENTS

- Career Fairs – February 5 & October 1
- Industry Tours
- Information Sessions/Tech Talks
- Career Development Workshops
- On-Campus Interviews



# VOILAND CAREER EVENTS COMING SOON!

## January 2019

### JOB & CAREER FAIR



- 01/15: 4:15pm-5:15pm, ProPEL Workshop: Resumes, **Spark 327**  
 01/16: 4:10pm-5:00pm, ProPEL Workshop: Resumes, **Spark 327**  
 01/17: 4:15pm-5:15pm, ProPEL Workshop: Make LinkedIn Work, **Spark 327**  
 01/22: 4:15pm-5:15pm, ProPEL Workshop: Interview Skills, **Spark 223**

01/22: 5:00pm-8:00pm, IEEE Networking Dinner, **Banyans on the Ridge**

RSVP through: <http://www.ieee.wsu.edu/node/73>



01/23: 12:00pm-3:00pm, IEEE Career Fair, **Elson Floyd Cultural Center**

01/23: 3:30pm-4:30pm, Avista Information Session, **FIZ**

01/23: 4:10pm-5:00pm, ProPEL Workshop: Interview Skills, **Spark 327**

01/24: 5:00pm-7:00pm, ProPEL Workshop: Mock Interview, **Spark 327**

Sign-up @ Dana Hall 138



01/29: 4:15pm-5:15pm, ProPEL Workshop: Career Fair Prep, **Spark 327**

01/30: 4:10pm-5:00pm, ProPEL Workshop: Career Fair Prep, **Spark 327**

01/31: 4:15pm-5:15pm, ProPEL Workshop: Career Fair Prep, **Spark 327**



01/31: 4:00pm-5:00pm, Boeing Speaker Series #3, "Boeing and the Future of Mobility", **Todd Hall 434**

01/31: 5:30pm, Etiquette Dinner & Fashion Showcase, **CUB Ballroom**

RSVP through: <https://app.joinhandshake.com/events/147524>

**V O I L A N D**  
 INTERNSHIPS & CAREER SERVICES

Internships | Co-ops | Jobs | Dreams

## February 2019

02/04: 4:15pm-5:15pm, Lamb Weston Information Session, **Spark 339**



02/04: 6:00pm-8:00pm, AIChE Evening with Industry, **Chinook 150**



02/05: 10:00am-3:00pm, **Career Expo,**  
**Beasley Coliseum**

02/05: 4:00pm-5:30pm, NAVAIR Information Session, **Spark 335**

02/05: 5:00pm-6:00pm, Ceko Concrete Construction Information Session, **Spark 327**

02/06: 5:00pm-6:00pm, Boeing Resume and Interview Tips, **ETRL 101**

02/07: 5:30pm-6:00pm, ASCE Workshop: Interview Skills, **Sloan**

02/12-02/13: WSU Vancouver Career Fair, **Vancouver Campus**

02/12: 4:15pm-5:15pm, ProPEL Workshop: Cover Letter, **Spark 327**

02/13: 4:10pm-5:00pm, ProPEL Workshop: Salary Negotiation, **Spark 327**

02/13: 5:00pm-6:00pm, Astranis "Spacecraft 101" Tech Talk, **ETRL 101**

02/14: 4:15pm-5:15pm, ProPEL Workshop: Salary Negotiation, **Spark 327**

02/19-02/24: ACM Hack Week & Crimson Code Hackathon, **Spark**

02/19: 4:15pm-5:15pm, ProPEL Workshop: Job Search, **Spark 327**

02/20: 4:10pm-5:00pm, ProPEL Workshop: Job Search, **Spark 327**

02/21: 4:15pm-5:15pm, ProPEL Workshop: Job Search (International Focus), **Spark 327**

02/26: 4:15pm-5:15pm, ProPEL Workshop: Graduate School 101: Overview & Process, **Spark 327**

02/27: 4:10pm-5:00pm, ProPEL Workshop: Graduate School 101: Research,  
**Spark 327**

02/27: 5:00pm-6:30pm, Facebook Trivia Night and Info Session, **ETRL 101**

02/28: 12:00pm-1:00pm, Facebook Club Lunch Meeting w/ACM-W, SWE, NSBE,  
 SOLES, **ETRL 119**

02/28: 4:00pm-5:00pm, Boeing Speaker Series #4, **Todd 434**

02/28: 5:00pm-6:00pm, Atkinson Construction Information Session, **TBD**

02/28: 5:10pm-6:00pm, ProPEL Workshop: Graduate School 101: Online Tools & Resources,  
**Spark 327**



# Contact Information

## Social Media

Facebook: [VCEAInternships](#)

LinkedIn: [Voiland College of Engineering  
and Architecture](#)

Twitter: [@WSUVoilandPPEL](#)

**Website:** [vcea.wsu.edu/ppel](http://vcea.wsu.edu/ppel)

**Email:** [vcea.internships@wsu.edu](mailto:vcea.internships@wsu.edu)

## Career Coaches (Dana 138):

- Sandi Brabb, Drop-In M-F 1-2, or by appointment ([calendly.com/brabb](https://calendly.com/brabb))
- Paul Choi, MW 8-5
- Sabrina Ali, MME Peer Mentor:
  - Dana 138/136
  - M 1:30-2:30;
  - W 2-3;
  - Th 2-4;
  - F 1:30-2:30

# *Thank you*

VCEA.Internships@wsu.edu

Office: Dana 138 | Drop-in: M&W 8-5 | Appointment: [calendly.com/brabb](https://calendly.com/brabb)

V O I L A N D

INTERNSHIPS & CAREER SERVICES

Internships | Co-ops | Jobs | Dreams

**Q & A**



**Make sure you check in  
on the iPad.  
Use your Student ID#.**

Leading Zero not required

Confirm your name:

1:36 PM Thu Sep 27  
kiosk.ascc.wsu.edu  
ME Mentoring Event 9/27 9/27/2018  
Please enter your WSU ID:  
  
1 2 3  
4 5 6  
7 8 9  
0

kiosk.ascc.wsu.edu  
Thank you Megan! You've checked in successfully.  
Please click [Here](#) if the page is not redirecting in 3 seconds.