MME New Student Orientation

Wednesday, September 23

4.30 to 6 pm

Hosted by:

Jow Ding, Associate Director

Andrea Butcherite, Academic Advisor

Megan Comstock, Academic Advisor

Amy Johnson, Academic Advisor

Agenda

- Introduction by Prof. Indranath Dutta, Director of MME School
- Introduction to the Associate Director for Undergraduate Program: Prof. Konstantin Matveev
- Academic Advisors and Faculty Mentors (presented by Prof. Jow Ding)
- Introduction to the Academic Advisors
- Academics (presented by academic advisors)
  1. Schedules of Study for ME and MSE (websites)
  2. Course Planning, Registration, Finding and Meeting with Advisors
  3. Admission to Major: Criteria, when, and how (websites)
  4. Tips for Success from Advisors and Instructors
  5. Resources Available: Tutoring Service, Career Services, Scholarship (websites)
  6. Jr. Writing Portfolio (websites)
  7. Application for Graduation
  8. Academic Integrity
  9. Resources for Students
- Tips for Success from a student (presented by Undergraduate Peer Mentor, Anna Yurkin)
- VCEA Career Services (presented by Undergraduate Peer Mentor, Anna Yurkin)
- Student Clubs (presented by student club presidents or representatives)
- Q & A

Prof. Konstantin Matveev

- Associate Director for Undergraduate Program at MME School
- Professor
- Teaches classes in Thermo-fluids and Experimentation
- Carries out research on exotic boats and autonomous 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
- Since Fall 2020, we have formal concentrations in ME areas of advanced manufacturing, thermo-fluids, autonomous systems
- In Fall 2021, we expect to modify MSE curriculum to make it more engineering-oriented

ME Concentrations

	General Path (no concentration)	Thermo-fluids	Manufacturing	Autonomous Control
Sophomore year	EE221 or Cpt_S121 or Cpt_S131*	EE221 or Cpt_S121 or Cpt_S131*	EE221 or Cpt_S121 or Cpt_S131*	Cpt_S121 (C++) or Cpt_S131 Program Design & Development Java*
Base Concentration - Take one	ME310/311 or ME405 or ME401	ME405 Thermal System Design	ME 310/311 Manufacturing Processes	ME401 Mechatronics
Restrictive Elective - Take at least 1	ME310/311 or ME405 or ME401	ME 310/311 Manufacturing Processes or ME401 Mechatronics	ME405 Thermal System Design or ME401 Mechatronics	ME310/311 or ME405
Free electives - Take at least 2 (out of 3 total) for concentrations	Any electives allowed for ME program; see catalog.	ME419 Air Conditioning ME431 Design of Solar Thermal Systems ME436 Combustion Engines ME439 Applied Aerodynamics	ME474 Design for Manufacture and Modern Manufacturing Strategies ME475 Manufacturing Enterprise Systems – Automation and Product realization	ME485 Introduction to Robotics and Artificial Intelligence ME481 Control Systems Cpt_S122 Data Structures (C++) or Cpt_S132 (Java)*

Undergraduate Studies Committee

- Starting Fall 2020, the certification process is no longer in place
- To keep major in ME or MSE, several benchmarks must be maintained:
  - Must get C or better in all courses required for MME degrees
  - Maintain 2.6 average GPA in major courses
  - Each MME course can be repeated only once
  - Students failing these requirements have one probationary semester to correct the situation
- Already certified students are not affected by these changes

- Email/zoom me, if you have any concerns/questions

Academic Advisors and Faculty Advisors

- Q1: “My name is ---, and I'm not sure if you can help me with this but I didn't really know who else to ask. I'm currently enrolled in a Math 106 course, but I was able to retake the ALEKS placement test and received a new score that places me in Calculus 1, but I'm not sure how to drop a class and add a new one”

- Q2: “My name is --- and I am a junior here at WSU studying Mechanical Engineering. I have received your email about you being a faculty mentor and I appreciate you reaching out. I would like to ask for advice on writing a cover letter. I noticed that when applying to internships, many companies give the option to attach a cover letter. However, I am not entirely sure how to get started along with wondering what to write. I do not have much experience in the field for I have not had much luck gaining internships nor other opportunities.

Academic Advisors and Faculty Advisors

- Academic advisors provide advice and guidance on academic related issues such as scheduling, graduation requirements, etc.

- Faculty mentors provide advices on issues such as career options, graduate school, internships and employment, elective courses, clubs, and other issues the students may have besides academics.

- If not sure, academic advisors are always a good first point of contact

MME Academic Advisors

Butcherite, Andrea
Academic Coordinator
Pullman students 34-67

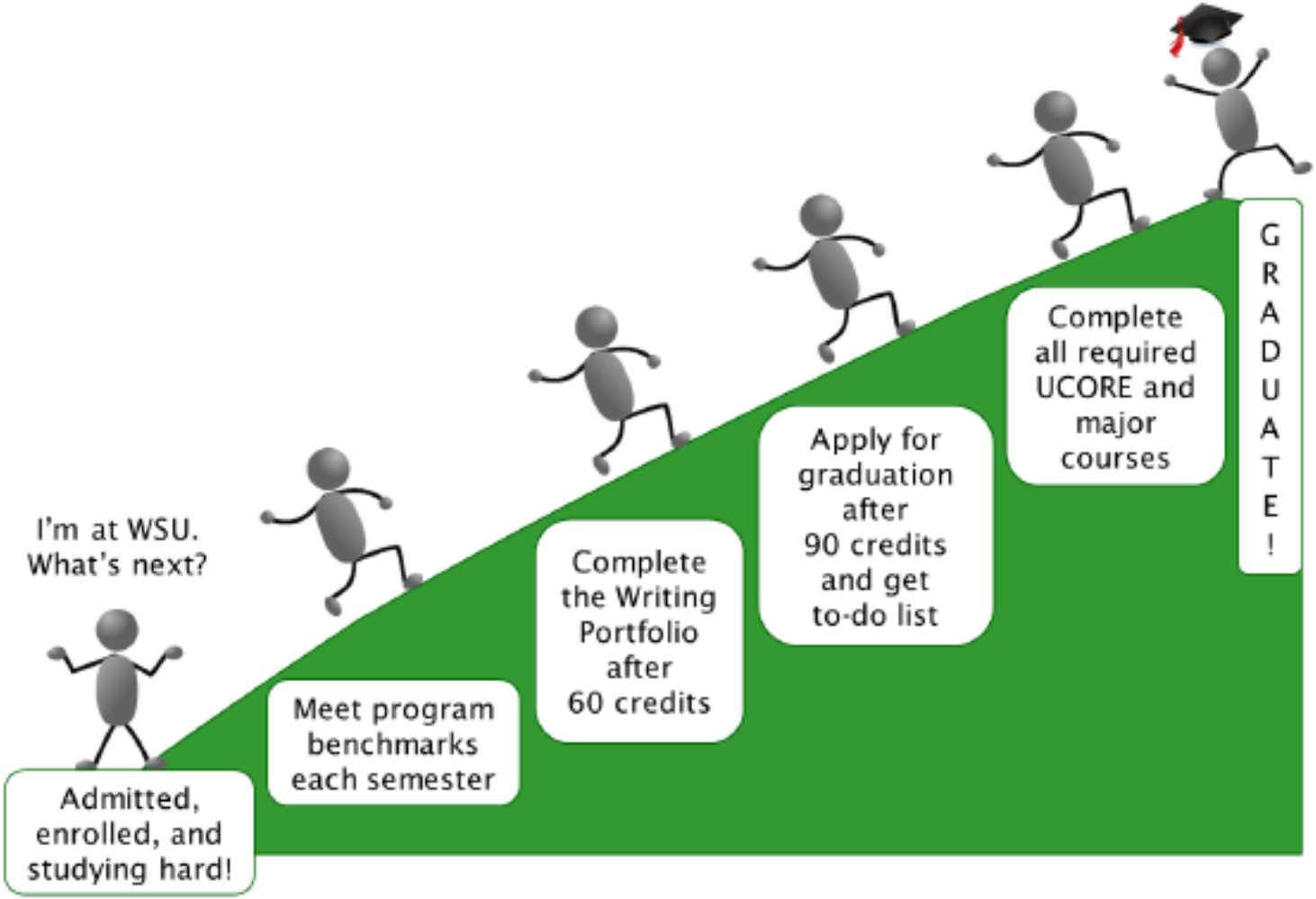
abpatterson@wsu.edu
509-335-2767
Sloan 209

Comstock, Megan
Academic Coordinator
Pullman students 68-99

meganc@wsu.edu
509-335-8582
Sloan 205

Johnson, Amy
Academic Coordinator
Pullman students 00-33

amy.johnson4@wsu.edu
509-335-7386
Sloan 207


I'm at WSU.
What's next?
Admitted, enrolled, and studying hard!
Meet program benchmarks each semester
Complete the Writing Portfolio after 60 credits
Apply for graduation after 90 credits and get to-do list
Complete all required UCORE and major courses
GRADUATE!

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!

WSU Academic Regulations:
https://registrar.wsu.edu/academic-regulations/

The student has the ultimate responsibility for meeting all graduation requirements.

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.

Schedules of Study

ME and MSE

Course Matrix

Where to access the course matrix?

- WSU MME website: https://mme.wsu.edu/

  Academics→ Undergraduate→ Mechanical Engineering (or Material Science Engineering) → Curriculum

ME https://mme.wsu.edu/undergraduate/mechanical-engineering/

MSE https://mme.wsu.edu/undergraduate/materials-science-and-engineering/

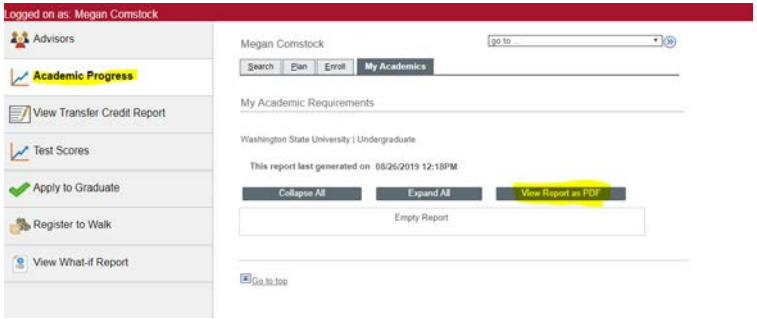
Course Planning

Finding & Meeting with your Academic Advisor

Registration

Course Planning Tools

Advisement Report



Mechanical Engineering 2020–2021 Undergraduate Curriculum

Total Credits: 123/125

1st Year	FALL 16 Credits	MATH 171 [3-3-4] (C) * Calculus I (ALEKS Placement = 83%)	CHEM 105 [3-3-4] (C) * Principles of Chemistry I (ALEKS Placement = 80%)	ENGR 120 [1-1-2] Innovation in Design (ALEKS Placement = 70%)	ENGL 101 [3-0-3] College Composition (Writing Placement)	[ARTS] [3-0-3] Any Course Under "ARTS" from UCORE[2]
	SPRING 15 Credits	MATH 172 [3-3-4] (C) * Calculus II (MATH 171)	ECONS 102 [3-0-3] Macro-Economics (ALEKS Placement = 40%)	ME 116 [0-6-2] (C) * Engineering CAD & Visualizations (MATH 171 or c//)	HIST 105 [3-0-3] Roots of Contemporary Issues	[BSCI] [3-0-3] Any Course Under "BSCI" from UCORE[2]
2nd Year	FALL 16/18 Credits	MATH 220 [2-0-2] (C) * Linear Algebra (MATH 171 or c//)	MATH 273 [2-0-2] (C) * Calculus III (MATH 172)	PHYSICS 201 [3-3-4] (C) * Physics for Scientists & Engineers I (MATH 172 or c//)	CE 211 [3-0-3] (C) * Statics (MATH 172 or c//, PHYSICS 201 or c//)	EE 221 [2-0-2] (C) * Numerical Computing for Engineers, CPT_S 121 [3-3-4] (C) * Program Design & Development C++, or CPT_S 131 [3-3-4] (C) * Program Design & Development Java (See Catalog)	MSE 201 [3-0-3] (C) * Materials Science (CHEM 105, PHYSICS 201 or c//)
	SPRING 16 Credits	MATH 315 [3-0-3] (C) * Differential Equations (MATH 273, MATH 220 or c//)	PHYSICS 202 [3-3-4] (C) * Physics for Scientists & Engineers II (PHYSICS 201)	CE 215 [3-0-3] (C) * Mechanics of Materials (CE 211)	ME 212 [3-0-3] (C) * Dynamics (CE 211)	ME 216 [0-6-2] (C) * Integrated CAD Design (ME 116, CE 215 or c//)	ME 220 [0-3-1] (C) * Materials Lab (CE 215 or c//)
3rd Year	FALL 16 Credits	STAT 370 [3-0-3] (C) * Statistics for Engineers (MATH 172)	EE 261 [3-0-3] (C) * Electrical Circuits I (MATH 315 or c//, PHYSICS 202)	EE 262 [0-3-1] (C) * Electrical Circuits Lab I (EE 261 or c//)	ME 301 [3-0-3] (C) * Fundamentals of Thermodynamics (PHYSICS 201)	ME 303 [3-0-3] (C) * Fluid Mechanics (ME 212)	ME 313 [2-3-3] (C) * Engineering Analysis (MATH 315 or c//, CE 215, ME 116, EE 221 or CPT_S 121 or CPT_S 131)
	SPRING 17 Credits	ENGL 402 [3-0-3] Technical Writing (Junior Standing [60 Credits])	ME 304 [3-0-3] (C) * Heat Transfer (ME 301, ME 303, MIE)	ME 306 [1-1-2] (C) * Thermal & Fluids Lab (ME 301, ME 303, STAT 370 or c//, MIE)	ME 316 [3-0-3] (C) * Mechanical Comp. Analysis & Design (CE 215, ME 216 or c//, ME 220 or c//, MIE)	ME 348 [3-0-3] (C) * Dynamic Systems (ME 212, ME 313, MIE)	ME Restricted Elective [3-0-3] (C) * ME 312, ME 401, or ME 405. See Concentrations
4th Year	FALL 15 Credits	[DIVR] [3-0-3] Any Course Under "DIVR" from UCORE[1]	ME 415 [3-0-3] (C) * Engineering Design (ME 316 or c//, MIE)	ME Restricted Elective [3-0-3] (C) * ME 312, ME 401, or ME 405. See Concentrations	ME Technical Elective [3-0-3] (C) * ME or MSE (400–500) BE 425, or EECS not in major. See List Below[4]	ME Technical Elective [3-0-3] (C) * ME or MSE (400–500) BE 425, or EECS not in major. See List Below[4]
	SPRING 12 Credits	[HUM] [3-0-3] Any Course Under "HUM" from UCORE[1]	ME 406 [1-6-3] (C) * Experimental Design (ENGL 402 or c//, ME 220, ME 304, ME 306, ME 348, MIE)		ME Technical Elective [3-0-3] (C) * ME or MSE (400–500), BE 425, or EECS not in major. See List Below[4]	ME 416 [1-6-3] (C) * Mechanical Systems Design (ME 304, ME 348, ME 415, MIE)	

Admit to Major Requirements: MATH 171 ready (A minimum of 83% ALEKS, AP Calculus test score of 2, or MATH 106 and 108 with a C)
Benchmarks to Stay in the Major: Earn a C or higher in all major classes and a maintain a 2.60 or higher major GPA[4]

Concentrations for Mechanical Engineering

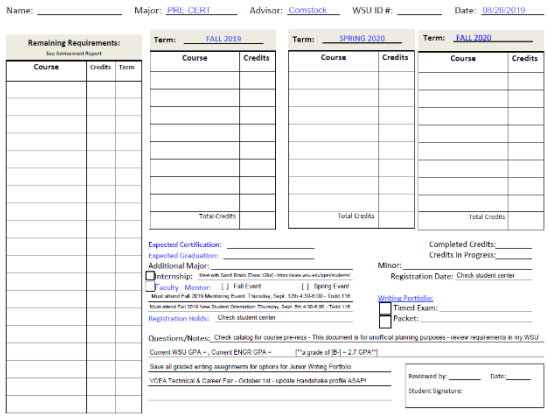
After taking general educational courses and required mechanical engineering (ME) core courses, students can follow a general path, or seek a concentration in thermo-fluids, manufacturing, or autonomous control. After taking two restricted electives, students need to take at least three technical electives. Additional courses that may be counted as ME technical electives are listed in the catalog.

	General Path (No Concentration)	Thermo-fluids	Manufacturing	Autonomous Systems
2nd/Sophomore Year: Take 1	EE 221, CPT_S 121, or CPT_S 131	EE 221, CPT_S 121, or CPT_S 131	EE 221, CPT_S 121, or CPT_S 131	CPT_S 121 or CPT_S 131
Restricted Electives: Take 2	ME 312, ME 401, or ME 405	ME 405, Thermal Systems Design (required), ME 312 or ME 401	ME 312, Manufacturing Engineering (required), ME 401 or ME 405	ME 401, Mechatronics (required), ME 312 or ME 405
Technical Electives: Take 3 for Concentrations	Any technical electives allowed for ME program; see catalog.	ME 419, Air Conditioning, ME 431, Design of Solar Thermal Systems, ME 436, Combustion Engines, ME 439, Applied Aerodynamics	ME 474, Design for Manufacture Intro to Robotics & Artificial Intelligence, ME 475, Manufacturing Enterprise Systems – Automation and Product Realization	ME 481, Control Systems, CPT_S 122, C++, CPT_S 132, Java

See next page for footnotes and table key. This document is for unofficial planning purposes.

Course matrix

Advising sheet



Name: _____ Major: PRE-CERT Advisor: Comstock WSU ID #: _____ Date: 08/26/2019

Remaining Requirements: See Advisement Report		
Course	Credits	Term

Term: FALL 2019	
Course	Credits
Total Credits	

Term: SPRING 2020	
Course	Credits
Total Credits	

Term: FALL 2020	
Course	Credits
Total Credits	

Expected Certification: _____
Expected Graduation: _____
Additional Major: _____
☐ Internship: Meet with Sandi Brazis (Dana 108d) - https://wsu.edu/cpe/students/
☐ Faculty Mentor: [ ] Fall Event [ ] Spring Event
Must attend Fall 2019 Mentoring Event: Thursday, Sept. 12th 4:30-6:30 - Todd 118
Must attend Fall 2019 New Student Orientation: Thursday, Sept. 5th 4:30-6:00 - Todd 118
Registration Holds: Check student center

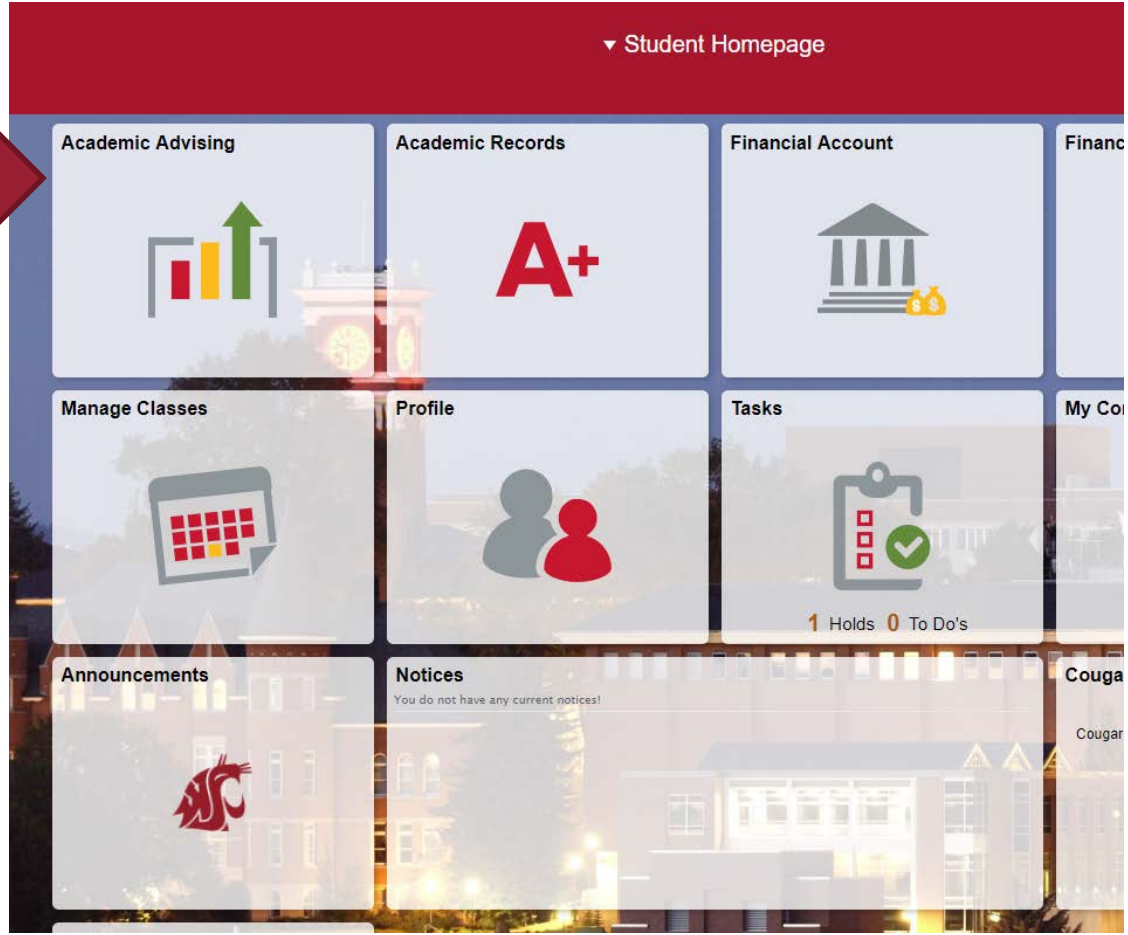
Completed Credits: _____
Credits in Progress: _____
Minor: _____
Registration Date: Check student center

Writing Portfolio:
☐ Timed Exam: _____
☐ 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 [B-] - 2.7 GPA**]
Save all graded writing assignments for options for Junior Writing Portfolio
VCEA Technical & Career Fair - October 1st - update Handshake profile ASAP!

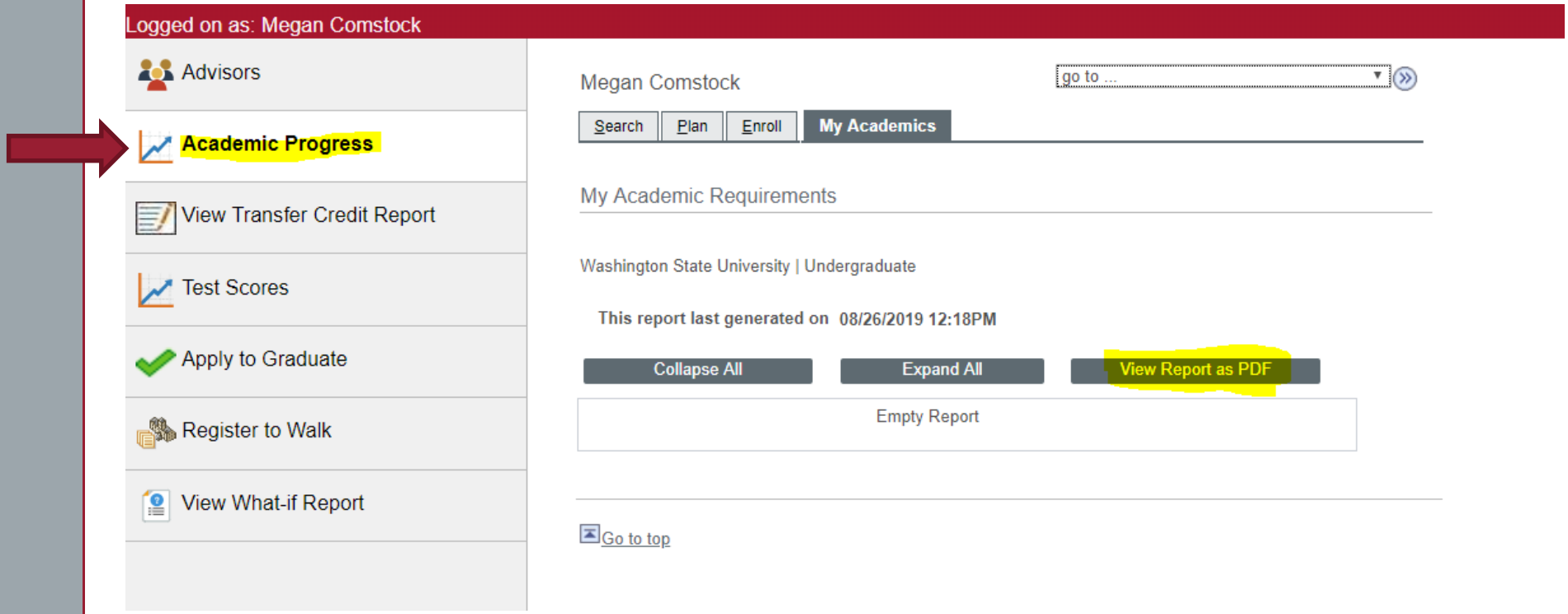
Reviewed by: _____ Date: _____
Student Signature: _____

ADVISEMENT REPORT



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



ENGINEERING GPA

The Academic Requirements includes a section for Admission to the Major, this is where you can find your ENGR GPA.

Admission to the Major Requirements - ME 2020 -

Satisfied: Admission to the Major Requirements - ME 2020 -

To be admitted into Mechanical Engineering major, students must have 83% or higher ALEKS placement score (MATH) or Completion of Math 106 and 108, 171 or higher calculus course with "C" or better or Calculus AP score of 2 (AB or BC exam)

Math 171 at WSU with a C or higher

Minimum 2.60 Math, Science, and Engineering GPA

Satisfied: Minimum 2.60 Math, Science, and Engineering GPA

- GPA: 2.600 required, 2.912 actual

The following courses were used to satisfy this requirement:

Personalize | View All | First 1-5 of 5 Last

Course	Description	Units	When	Grade	Transfer Equivalent Detail	Status
CHEM 105	Principles of Chemistry I	8.04	2020 Fall Semester	TB		✓
MATH 171	Calculus I	3.35	2020 Fall Semester	TB-		✓
MATH 172	Calculus II	4.00	2020 Fall Semester			◆
ME 116	Engr Computer-aided Design	2.00	2020 Fall Semester			◆
PHYSICS 201	Physics for Sci & Engrs I	4.00	2020 Fall Semester			◆

Advising Sheet:

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

Make a list of requirements that are not satisfied

Advising sheets are posted in Advising Notes

Name: _____ Major: _____ Advisor: Comstock WSU ID #: _____ Date: _____

Current Enrollment Term: FALL 2020

Course	Credits
Total Credits	

Term: SPRING 2021

Course	Credits
Total Credits	

Term: FALL 2021

Course	Credits
Total Credits	

Term: SPRING 2022

Course	Credits
Total Credits	

Map out your academic plan

Remaining Requirements:

See Advisement Report

Expected Graduation:_____ Apply Online:_____ Transfer Credit:___ Completed Credits:_____

Graduate School:_____ Credits in Progress:_____

MME Interest Area: _____ Additional Major: _____ Minor: _____

VCEA ProPEL – Dana 138 vcea.internships@wsu.edu

☐ Internship:_____ Registration Date: _____

☐ Mentoring Event: ☐ Fall ☐ Spring

Attend Fall Mentoring Event

Writing Portfolio: due upon completion of 60 credits

WSU Career Fair: ☐ Fall ☐ Spring Virtual - First week of October

☐ Timed Write: _____

Registration Holds: _____

☐ Packet: _____

Academic Regulation 108: **The student has the ultimate responsibility for meeting all graduation requirements.**

Questions/Notes: ***This document is for unofficial planning purposes – review academic requirements in my.WSU***

_____

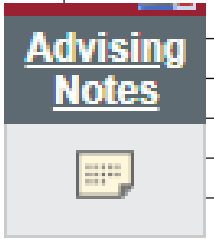
Complete FE Exam and Exit survey during dead week, final semester

WSU GPA:

Reviewed by: _____ Date: _____

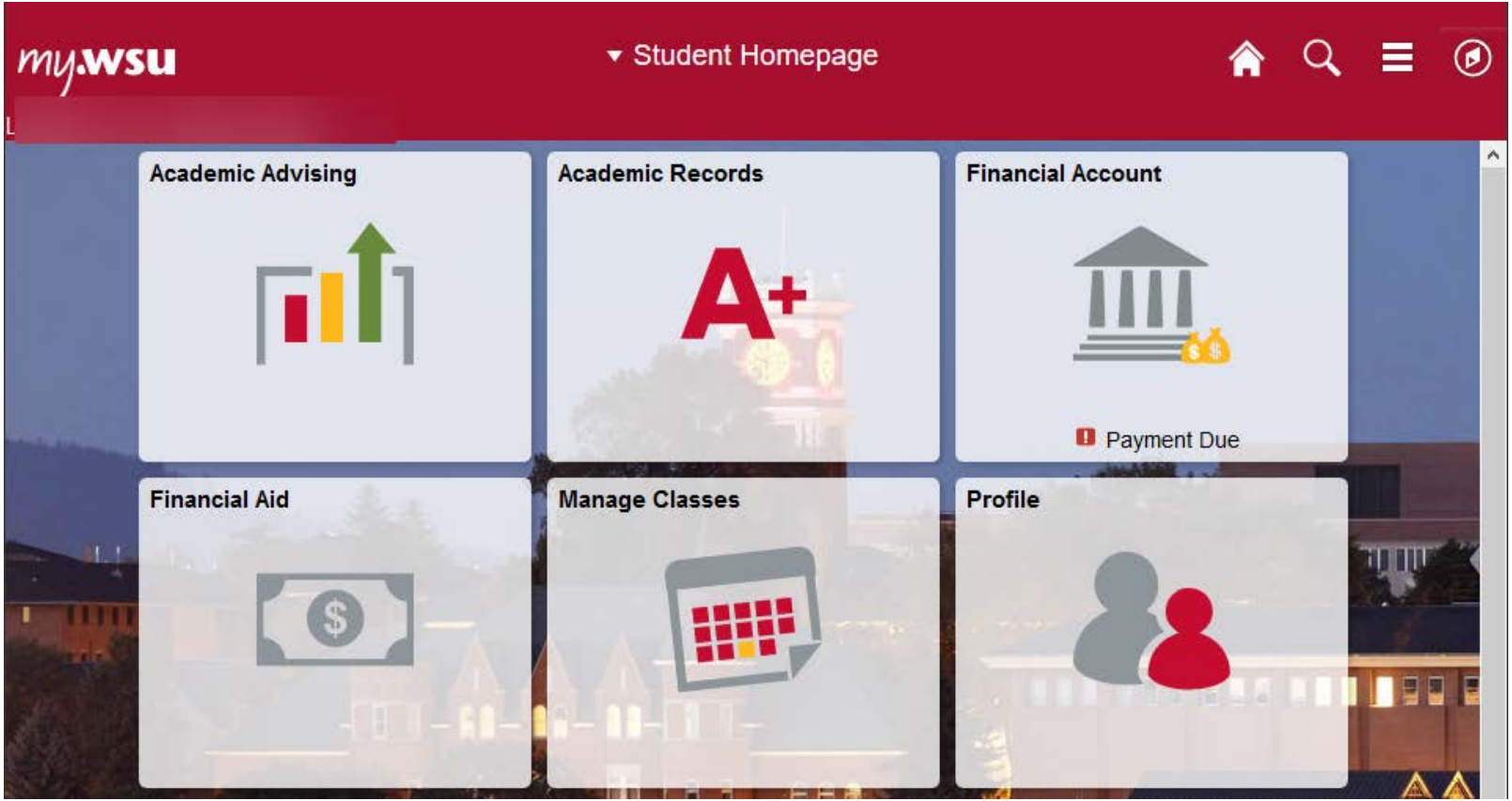
Student Signature:

_____



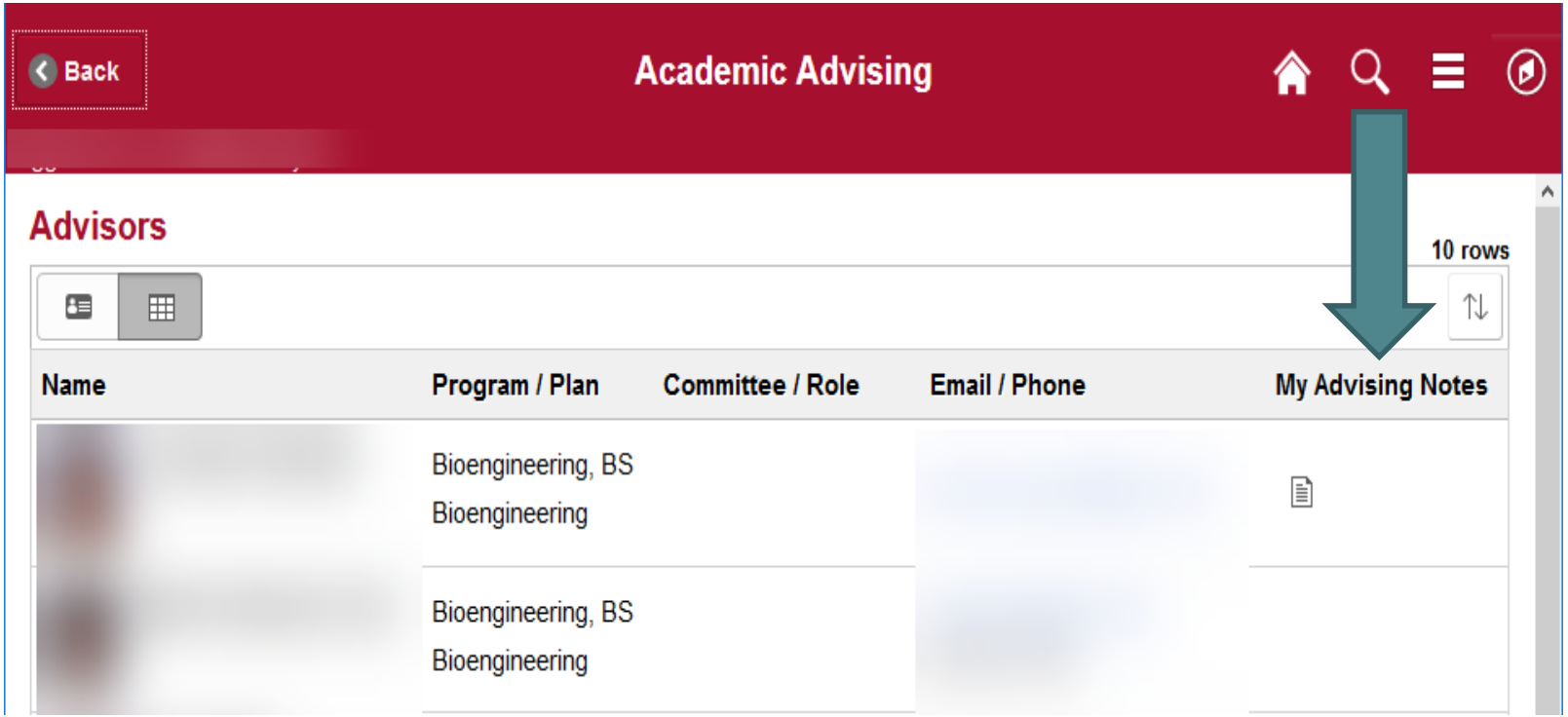
Advising Notes

From the Student Homepage, click the Academic Advising tile to access Advising Notes.



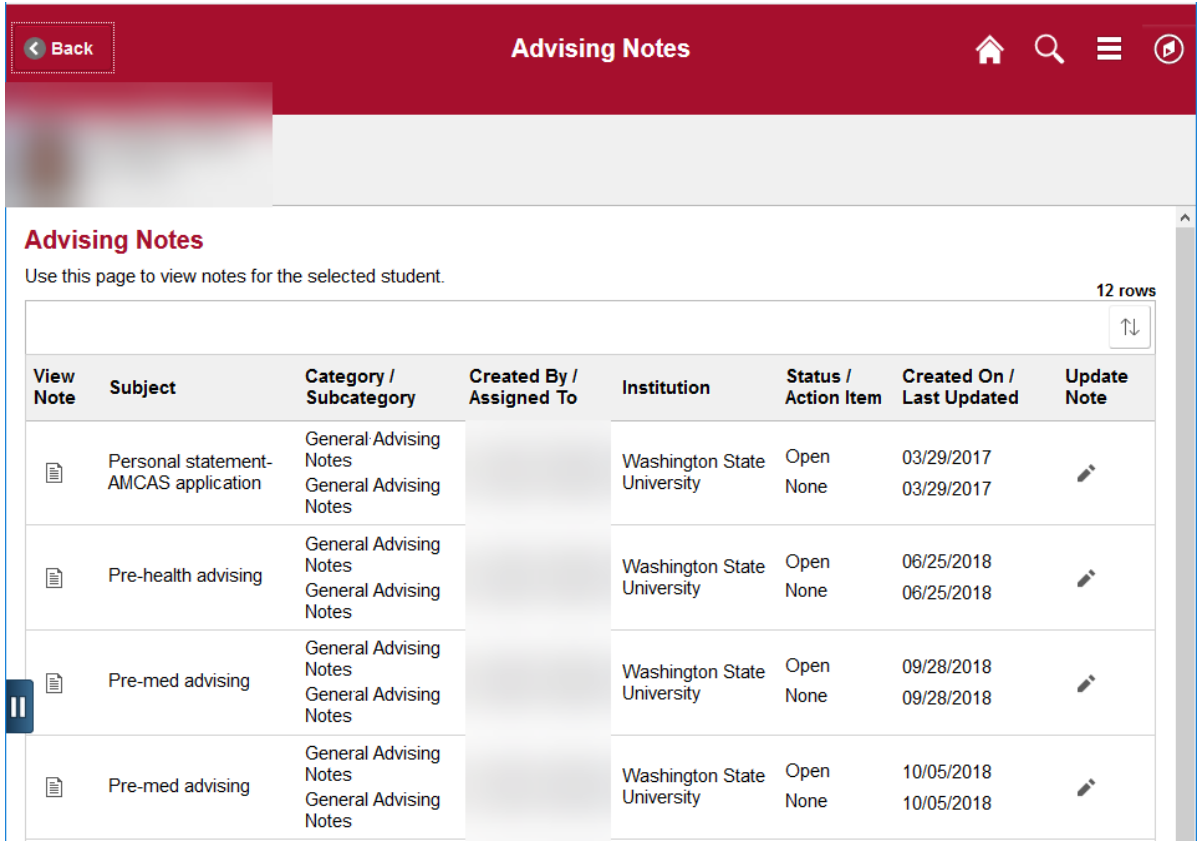
Advising Notes

This student has several advisors, however, only the first advisor has created notes that are available to the student.



Advising Notes

There are several notes for this student. The student may click to view or update the note.



View Note	Subject	Category / Subcategory	Created By / Assigned To	Institution	Status / Action Item	Created On / Last Updated	Update Note
	Personal statement-AMCAS application	General Advising Notes General Advising Notes		Washington State University	Open None	03/29/2017 03/29/2017	
	Pre-health advising	General Advising Notes General Advising Notes		Washington State University	Open None	06/25/2018 06/25/2018	
	Pre-med advising	General Advising Notes General Advising Notes		Washington State University	Open None	09/28/2018 09/28/2018	
	Pre-med advising	General Advising Notes General Advising Notes		Washington State University	Open None	10/05/2018 10/05/2018	

Finding and Meeting with Advisors

Who is my MME Advisor?

Check your student center in my.WSU

- Set up an appointment Advising Navigate
- Appointments over Zoom
- Be on time and be prepared!
  - Advising Sheet
  - A list of questions

Registration

- Registration: Be ready for your registration time!
  - Date and times for **Spring** should be available the week of October 19th
  - Priority Registration:
  - Winter Session – registration is open now!
  - Spring begins November 9th

- Meet with your advisor **before November 2nd**!
- Take care of any registration holds
  - There are 24 ways WSU can prevent students from registering
- Place courses in your Shopping Cart
- Validate Enrollment

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?

Department Consent/Permission:

Contact the Department offering the course.

MME Advisors only have access to ME and MSE courses.

Fall 2020 – Admission to Materials Science and Engineering

Materials Science and Engineering

Freshman, Transfer, and Current Students

To be admitted into the Materials Science and Engineering major, students must have one of the following:

- An 83% or higher ALEKS math placement score
- WSU enrollment in Math 171 or equivalent credit earned with a 'C' or higher grade
- An AP Calculus score of '2' or higher (AB or BC exam)

To maintain a Materials Science and Engineering major, students must complete the following benchmarks:

- Maintain a 2.60 GPA in major courses required for the MSE degree*
- Obtain a 'C' grade or better in all courses required for the MSE degree. No more than one repeat per course is allowed in all ME and MSE courses required for the degree.

*Major courses required for the MSE degree include all Engineering, Physics, Chemistry, and Math courses listed in the schedule of studies.

Fall 2020 – Admission to Mechanical Engineering

Mechanical Engineering

Freshman, Transfer, and Current Students

To be admitted into the Mechanical Engineering major, students must have one of the following:

- An 83% or higher ALEKS math placement score
- WSU enrollment in Math 171 or equivalent credit earned with a 'C' or higher grade
- An AP Calculus score of '2' or higher (AB or BC exam)

To maintain a Mechanical Engineering major, students must complete the following benchmarks:

- Maintain a 2.60 GPA in major courses required for the ME degree*
- Obtain a 'C' grade or better in all courses required for the ME degree. No more than one repeat per course is allowed in all ME and MSE courses required for the degree.

*Major courses required for the ME degree include all Engineering, Physics, Chemistry, and Math courses listed in the schedule of studies.

Tips for Success!

Time Management

1. Make a plan or schedule and stick to it, be consistent to keep the motivation. Routine is key!
2. Review the syllabus. Note deadlines and reminders.
3. Use a planner or calendar.
4. Plan ahead! Set reminders or to-do's ahead of time.
5. Avoid procrastination.
6. Develop organization and prioritization skills.
7. Take breaks and reward yourself!

Tips for Success!

Motivation

1. Set daily goals to challenge yourself.
2. Remember what motivates you--why are you doing this, what is your long term goal?
3. Put yourself into a positive mindset and believe in yourself to achieve the goals.
4. Get up and take action. If you have a daily goal or schedule this can motivate you to move forward.
5. Connect with peers, resources, and instructors for support. Get involved to keep you focused on your goals with learning.
6. Be engaged to be involved in the growth of learning. Participate in lectures, use office hours, peers, and resources to learn more.
7. Reward yourself for reaching the small and big wins of accomplishing goals.

Tips for Success!

Additional advice for in class experience:

Keep your camera on!

Advice from faculty while remote:

1. Carefully listen to lectures; answers to questions of quizzes, exams and HW may be explained during lectures, but you may not find the answers from notes directly.
2. Actively be involved in discussion during lecture time.
3. Preview the notes before lecture starts.
4. For quiz preparation: review the notes and the relevant book sections/chapters.
5. For exam preparation: review the notes/textbook/quizzes/ homework
6. Take more advantages of office hours of TA and instructor.
7. Prepare your questions before the class and office hours of TA and Instructor.
8. Ask the instructor if they can stay late to answer any questions.
9. Zoom chat may help to connect with peers for support.
10. Get involved and be engaged by using the raise hand feature to directly ask the instructor any questions, request clarification, or note a comment.
11. Getting involved in discussion or asking questions is important because the instructor needs to know if there should be clarification on material, or something you need in order to be successful in learning. Instructors may not know if you need help unless you ask.

Use Office Hours!

Review the syllabus for Instructor and TA office hours.

WHY?

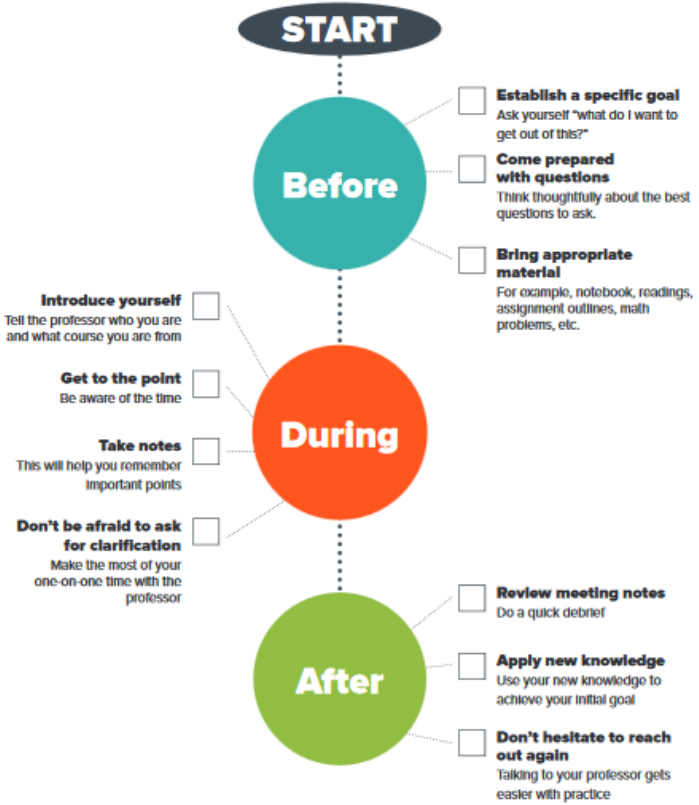
Higher levels of contact with faculty correlate positively with students'...

Academic performance

Satisfaction with academic experience

Retention of knowledge

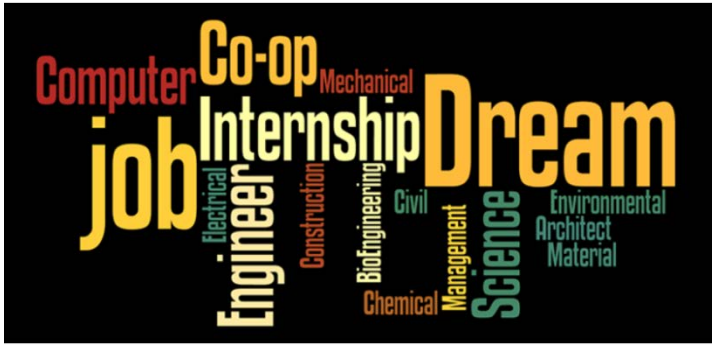
HOW?



https://learningcommons.lib.uoguelph.ca/item/make-most-out-office-hours

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://financialaid.wsu.edu/wsu-general-scholarship/
  - Deadline – January 31st [apply every year]
- https://vcea.wsu.edu/scholarships/
  - Watch for emails from your advisor about scholarship opportunities



https://vcea.wsu.edu/student-success/tutoring/tutoring-schedule/

Search: ME

VCEA Tutoring Fall 2020

Day	From	Until	Courses/Software	Tutor
Monday	1 PM	5 PM	ME 116, 216, MSE 201, CPTS 121, 122, 223, 260, 302, 317, 350, 360, 443	Matthias
Monday	3 PM	6 PM	EE 221, 261, 262, CE 211, 215, ME 116, 212, 216 220, MSE 201	Makenna
Monday	6 PM	8 PM	CPTS 121, ME 116, 212, 216, 220, 301, CE 211, 215, EE 221, 261, 262, MSE 201	Sean
Tuesday	9 AM	10:30 AM	CE 211, 215, 303, 315, 317, 330, 341, 351, 401, 416, 442, 460 463, CST_M 254, ME 212, 220, 301	Sara Gleason
Tuesday	10:30 AM	12 PM	ME 220, 216, 301, 303, 313, 401, 405, 415, 462, MSE 201, STAT 370, EE 261, 262. CPTS 121	Leif
Tuesday	1:30 PM	5 PM	CE 211, 215, 303, 315, 317, 330, 341, 351, 401, 416, 442, 460 463, CST_M 254, ME 212, 220, 301	Sara Gleason
Tuesday	2 PM	4 PM	EE 221, 261, 262, CE 211, 215, ME 116, 212, 216, 220, MSE 201	Makenna
Wednesday	10 AM	12 PM	ME 220, 216, 301, 303, 313, 401, 405, 415, 462, MSE 201, STAT 370, EE 261, 262. CPTS 121	Leif
Wednesday	1:00 PM	5 PM	ME 116, 216, MSE 201, CPTS 121, 122, 223, 260, 302, 317, 350, 360, 443	Matthias
Wednesday	4:30 PM	6:30 PM	CPTS 121, ME 116, 212, 216, 220, 301, CE 211, 215, EE 221, 261, 262, MSE 201	Sean
Thursday	9 AM	11:30 AM	CE 211, 215, 303, 315, 317, 330, 341, 351, 401, 416, 442, 460 463, CST_M 254, ME 212, 220, 301	Sara Gleason
Thursday	11 AM	4 PM	EE 221, 261, 262, CE 211, 215, ME 116, 212, 216, 220, MSE 201	Makenna
Thursday	1:30 PM	5 PM	CE 211, 215, 303, 315, 317, 330, 341, 351, 401, 416, 442, 460 463, CST_M 254, ME 212, 220, 301	Sara Gleason
Thursday	6 PM	8 PM	CPTS 121, ME 116, 212, 216, 220, 301, CE 211, 215, EE 221, 261, 262, MSE 201	Sean
Friday	1 PM	4 PM	CE 211, 215, 303, 315, 317, 330, 341, 351, 401, 416, 442, 460 463, CST_M 254, ME 212, 220, 301	Sara Gleason
Friday	3 PM	5 PM	CPTS 121, ME 116, 212, 216, 220, 301, CE 211, 215, EE 221, 261, 262, MSE 201	Sean

Jr. Writing Portfolio

Changes to the University Writing Portfolio in 2020

Online

Beginning in the fall term of 2020, students will submit their University Writing Portfolio (UWP) online. Students will no longer fulfill or submit any aspect of the UWP in person or in paper form. Additionally, the Writing Program has eliminated the Timed Write component of the UWP.

Important Update

We do not yet have a solution for the online submission site, but we are working overtime to figure it out. We will have a plan in place by October, and the submission will be online. My.Wsu will no longer be the submission site.

This page will be updated regularly with more information.

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.

Writing Portfolio Evaluation Criteria

DISCERNIBLE ARGUMENT	Does the writing have a purpose? Can the reader identify the purpose?
EVIDENCE/SUPPORT	Is the writing developed with evidence/support?
COHERENCE	Does the writing work as a whole?
USAGE	Is the language, word choice, and tone appropriate to the topic and context?
CONVENTIONS	Does the writing demonstrate control of surface features, such as: punctuation, spelling, and/or grammar?

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.

Virtual - Fall VCEA Technical Career Fair – October 5-7
Fall term is a heavy recruiting season for summer internships

Year-Round Academic Resources

Winter Session – Study Abroad – Summer Session - Internships

Study Abroad

Professional Practice
& Experiential Learning

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.

Speed up your academic career by earning three credits online during WINTER SESSION.

Registration is open for Winter Session 2020.

Earn three credits online during Winter Session!

3-week courses:
December 19, 2020 – January 10, 2021

6-week courses:
November 30, 2020 – January 10, 2021

09

Registration begins in April. Register early, and access your online course 6 weeks before it officially begins!

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/

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, . . .

WRIT 309

- **Plagiarism Labyrinth: The Complex Relationship between Culture, Language, and Academic Integrity**
- *Plagiarism Labyrinth focuses specifically on the part that culture plays for international students regarding academic integrity, especially plagiarism. The mechanics of citation and research are regularly addressed in classes, but the way students understand this through the lens of their own culture and prior educational experience is rarely considered.*
- *It is imperative that students understand the expectations of the university, and the consequences if they do not adhere to those expectations. As students confront the complexity of writing in their scholarly endeavors, their need for clear understanding of research and citation is essential.*

RESOURCES FOR STUDENTS

- Combined List of Resources
- 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!

How to be successful in school?

The Gimmes

- ✓ Go to class
- ✓ Do all the HW's
- ✓ Study for exams
- ✓ Ask questions

Some Effort

- ✓ Find the flow of study that is right for you
- ✓ Stay organized by using a planner

Full Success

- ✓ Develop study groups, but do not rely on them
- ✓ And always ask yourself "Am I doing everything on my end to do my very best?

What does it mean to be successful for you specifically?

How to be successful in a virtual environment?

The Gimmes

- ✓ Go to class
- ✓ Do all the HW's
- ✓ Study for exams
- ✓ Ask questions
- ✓ Stay organized and use a planner

Some Effort

- ✓ Break down tasks
- ✓ Create a social media free study blocks
- ✓ Distinguish spaces

"Here is where I study"
"Here is where I relax"

Full Success

- ✓ Use WSU provided resources such as tutors, office hours..
- ✓ Be proactive, ask for help!
- ✓ And always ask yourself "Am I doing everything on my end to do my very best?

Staying focused on your goals…job, internship, active club member?

Clubs

- ✓ Take a few minutes to search for which clubs you would be interested in
- ✓ Go to club
- ✓ Make friends

Internship

- ✓ Perfect your resume EARLY

Wondering how?

Go to workshops and have your resume reviewed

- ✓ Apply EARLY!!
- ✓ You MUST go to the career fair prepared
- ✓ Do things to stay competitive and relevant

Full-time Job

- ✓ Start the search early!

Internships & Career Services

Anna Yurkin, MME Peer Career Coach
Anna.Yurkin@wsu.edu
Calendly.com/anna-yurkin

V O I L A N D
Internships & Career Services
Internships | Co-ops | Jobs | Dreams

Services and Resources Provided

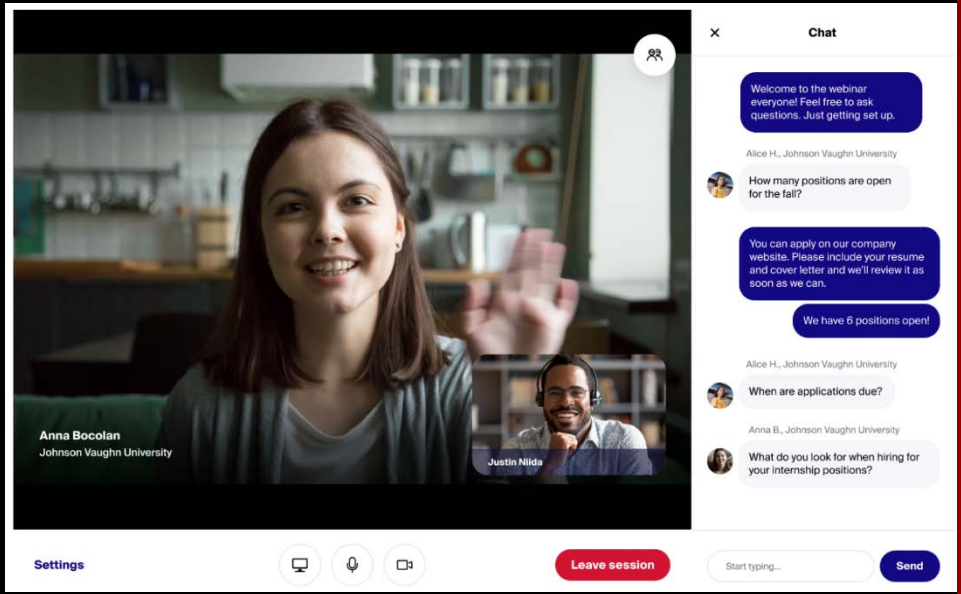
Services:

- Resume and Cover Letter Assistance and Review
- Interview Practice : Mock Interview
- Internship/Job Search Help

Resources:

- Career Coaches
- Weekly Internship/Job Opportunity Email
- Digital Displays & Jobs Board (EME 2nd Floor Hall)
- Social Media – Facebook, Twitter, Instagram
- MME Career Mentoring Meeting

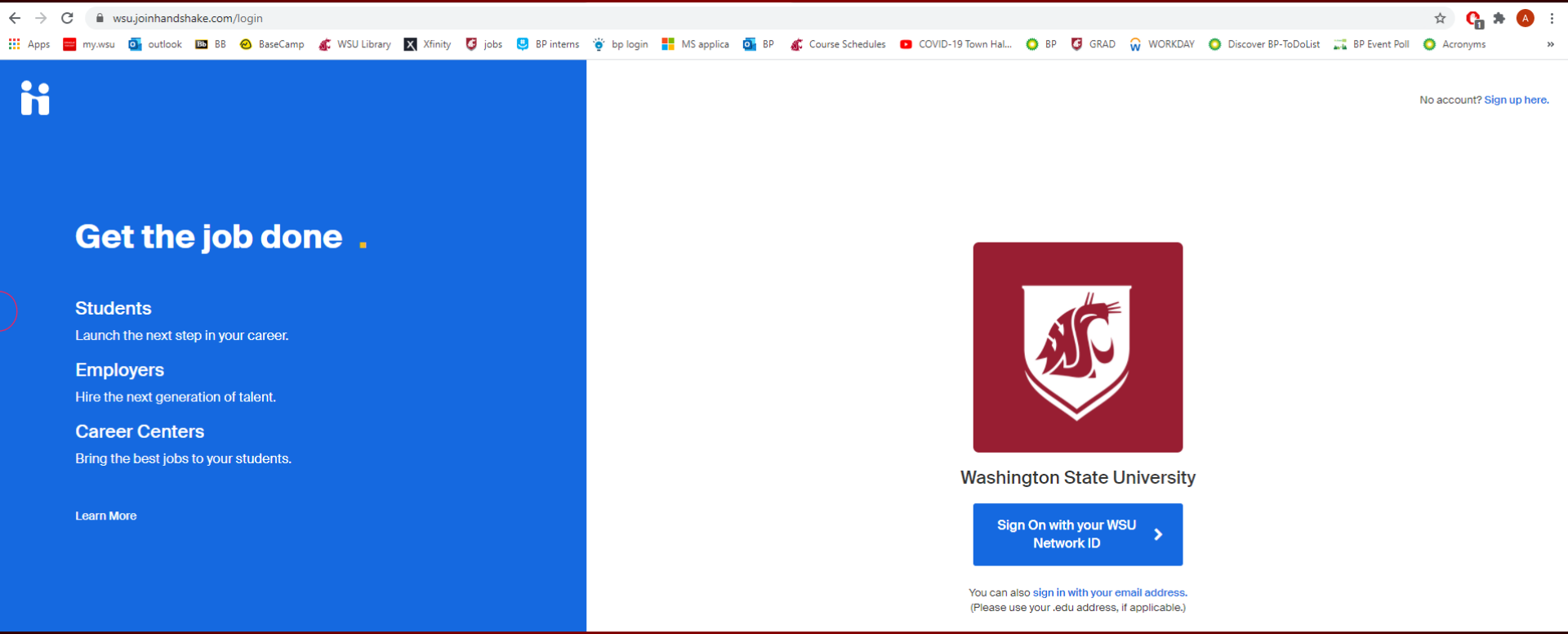
Zoom ID: 985 6075 0918



Career Events

- Virtual Career Fair – October 5-7
- Virtual Information Sessions/Tech Talks
- Virtual Career Development Workshops
- Virtual Interviews
- Industry Tours (spring)

- Handshake **wsu.joinhandshake.com**



- **wsu.joinhandshake.com**

Search

Jobs Events Q&A Students

Messages Career Center

What can we help you find today?

Jobs →
Find internships and full-time jobs

Employers →
Discover the right company for you

Community →
Learn from alumni and students

Career paths →
Explore roles and average salaries

Events →
Register for events and career fairs

Career center →
Connect with the experts

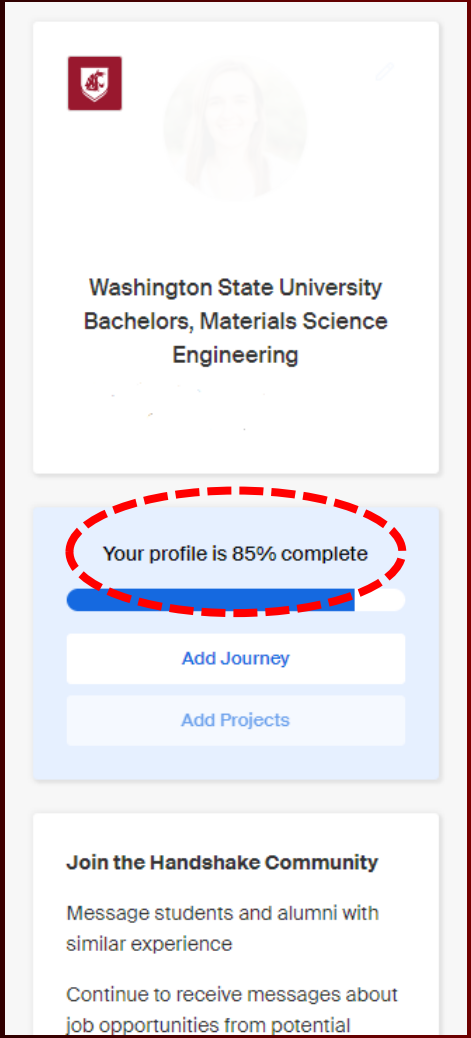
Suggested by your career center

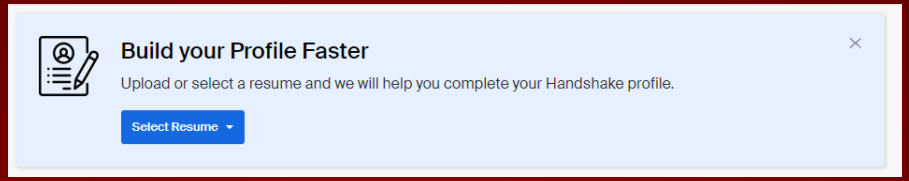
Oct. 6th WSU Virtual Career Expo &...
Oct 6, 2020 8-12 pm

Oct. 7th WSU Virtual Career Expo &...
Oct 7, 2020 8-12 pm

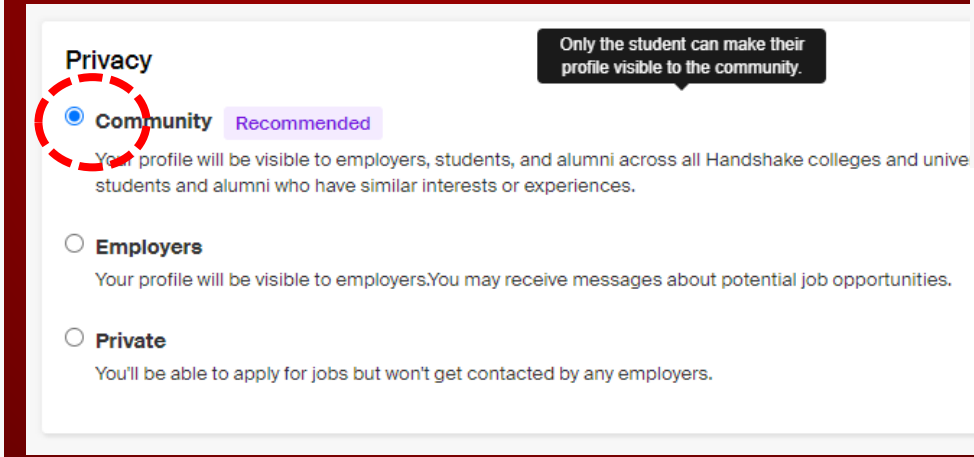
Oct. 5th WSU Virtual Career Expo &...
Oct 5, 2020 8-12 pm

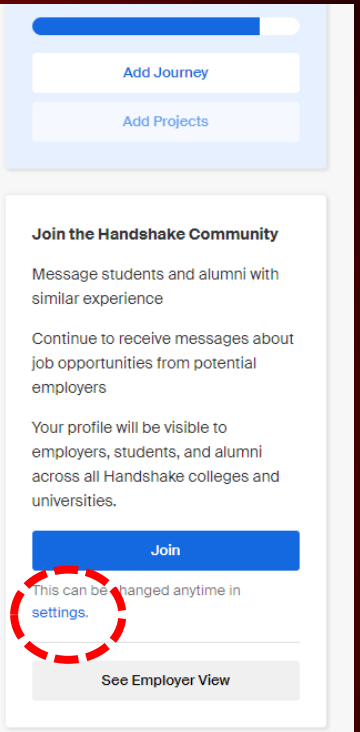
VCEA SWE Virtual Evening with Industry
Oct 2, 2020 3:00-6:30 pm



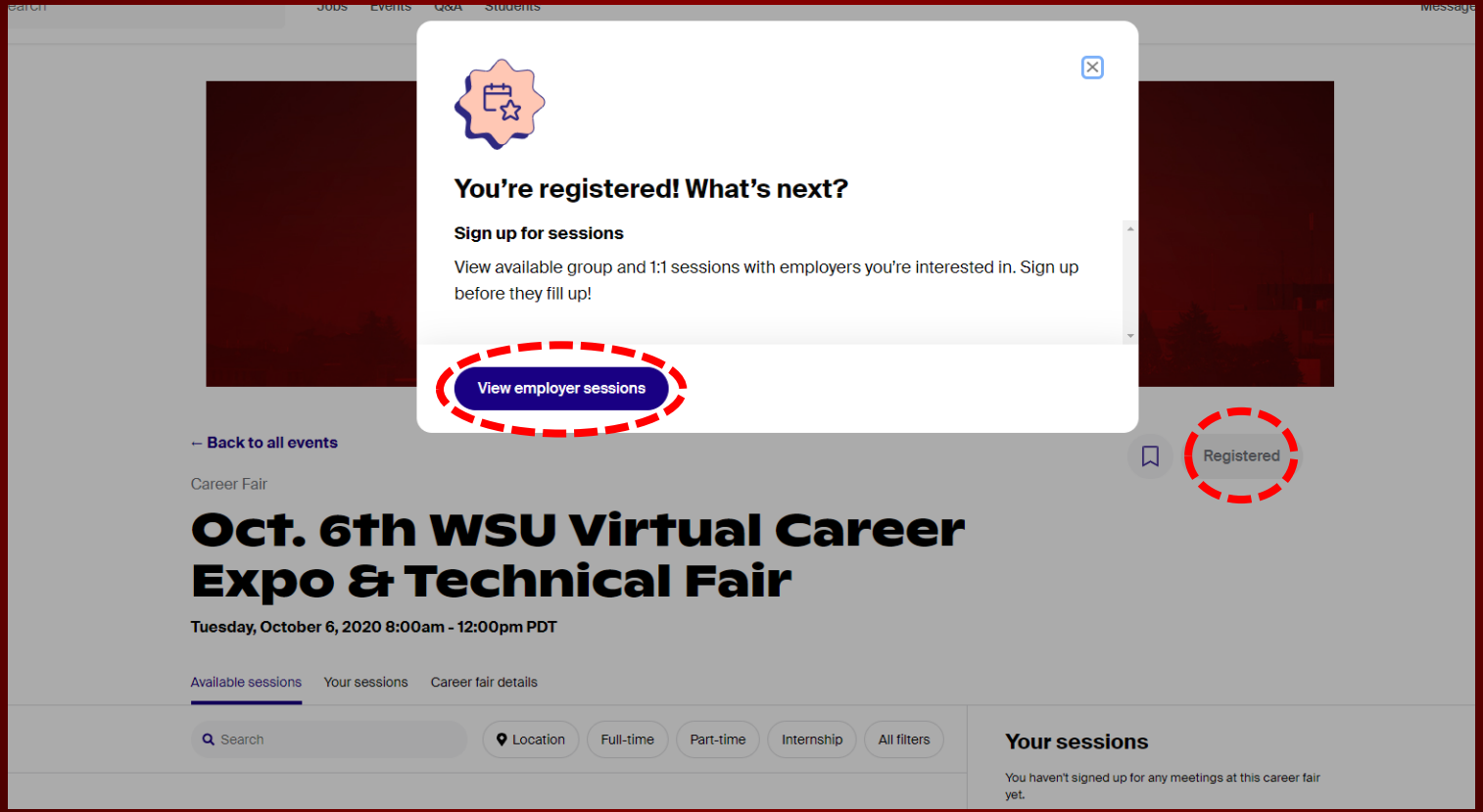


1. Profile needs to be at 100%
2. Privacy setting set to community!





EVENTS > CAREER FAIR OCT. 5-7



Employer

Enterprise Holdings
St. Louis, MO

About them

Who We Are A family-owned, world-class portfolio of brands. A global network that spans across more than 90 countries. Some 100,000 dedicated team members sharing common values. And more than 1.9 million vehicles taking our customers wherever they need to go. Any way you measure it, we've become a leader in the transportation service industry. How did we get here? By taking care of our customers, our communities and our employees – and staying true to our mission. Our Mission To be the best transportation service provider in the world. To exceed our customers' expectations for service, quality and value. To provide our employees with a great place to work. To serve our communities as a committed corporate citizen.

50 ppl max

Group Session • 10:30am - 11:00am PDT
Learn about the Management Training Program! →

Group Session • 9:30am - 10:00am PDT
Management Training Program Overview! →

Can only go to ONE representative

Group Session • 8:00am - 8:30am PDT
Management Training Program Overview! →

1 on 1 session
One on One with Enterprise Holdings →

ONE ON ONE

1 on 1 session

1 on 1 with Enterprise Holdings

Kassie Hinerman
Talent Acquisition Manager

8:30am PDT | 8:40am PDT | 8:50am PDT
9:00am PDT • | 9:10am PDT | 9:20am PDT •

Show all available times

Erin Terlesky
Talent Acquisition Specialist

8:30am PDT | 8:40am PDT | 8:50am PDT
9:00am PDT • | 9:10am PDT | 9:20am PDT •

Show all available times

What does the red dot mean?

Confirm

Career Fair

Oct. 7th WSU Virtual Career Expo & Technical Fair

Wednesday, October 7, 2020 8:00am - 12:00pm PDT

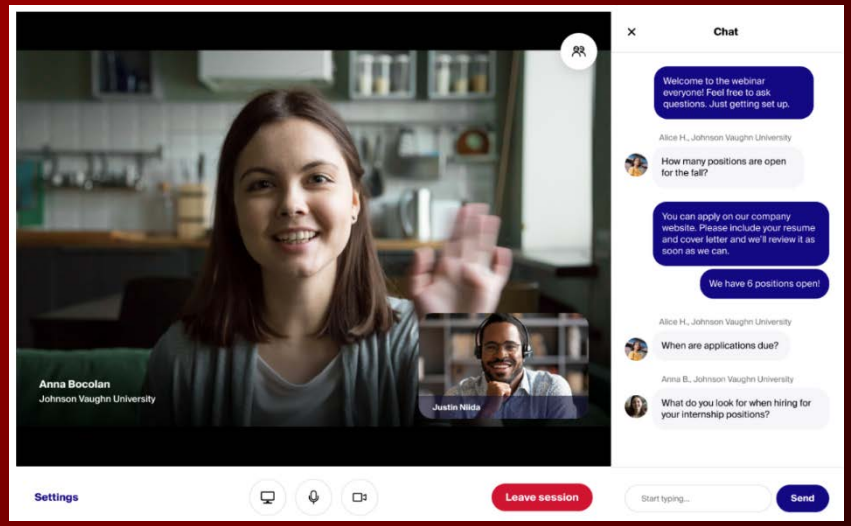
Available sessions | Your sessions | Career fair details

Search | Location | Full-time | Part-time | Internship | All filters

Academic Success and Career Center (ASCC) - WSU

Your sessions

Enterprise Holdings
One on One
8:40am - 8:50am PDT



VOILAND
INTERNSHIPS & CAREER SERVICES

Internships | Co-ops | Jobs | Dreams

Dana Hall 138
(509) 335-3740
VCEA.Internships@wsu.edu

ProPEL Workshops & Events Calendar

FALL 2020

*ProPEL=Professional Practice & Experiential Learning

ProPEL Workshops feature a presentation on strategies followed up with small group labs for interactive, engaging hands-on workshops.

***All workshops will be held virtually via Zoom, please sign up via Handshake**

Handshake: Gateway to Jobs & The Career Fair
Wed, 9/14 3:10-4:00

Résumé Building
Wed, 9/16, 3:10-4:00
Thu, 9/17, 5:00-6:00

Networking & Informational Interviews
Wed, 9/23, 3:10-4:00
Thu, 9/24, 4:05-5:00

Career Fair Prep
Mon, 9/28, 3:10-4:00
Wed, 9/29, 4:05-5:00

Virtual Interviewing
Wed, 10/7, 3:10-4:00
Thu, 10/8, 4:05-5:00

Develop your ePortfolio
Wed, 10/21, 5:00-6:00

Job Search Tools
Wed, 10/28, 3:10-4:00
Tue, 11/3, 4:05-5:00

Earn Tech Elective Credit for Your Internship
Tue, 11/10, 4:05-5:00

ProPEL Internships & Career Services Events

All events are virtual. See Events tab in Handshake for details, virtual links, and registration.

bp Virtual You
Connect with BP and learn about the technical and cultural sides of the company, plus learn about the recruitment process (link above).
9/23 – Embrace your diverse brand
9/24 – Reinvent bp: Trivia Night
9/30 – Stepping outside the box
10/7 – From dog tags to the desk
10/14 – LGBT + life at bp
10/15 – Recruiter coffee chat

Ball Aerospace Info Session
Wed, 9/9, 3:30-4:30 pm (PST)
Thu, 9/10, 3:30-4:30 pm (PST)

PNNL NNSA Graduate Fellowship Program Info Session
Thu, 9/17, 3-4:30 pm (PST)

ProPEL Internship Panel
Thu, 9/17, 4-5 pm (PST)

XM "Tech Prep 101: Prepare to standout in your technical interview"
9/22, 4-5 pm (MDT)

Lease Crutcher Lewis Info Session
Thu, 9/24, 3-4 pm (PST)

Boeing Mentorship Kickoff (by invitation)
Wed., 9/30, 12-2 pm (PST)

Kimley-Horn Info Session & Project Overview
Wed., 9/30, 4-5 pm (PST)

SWE Evening With Industry
Fri, 10/2, 3:30-6:30 pm (PST)

Virtual Career Expo & Technical Fair (registration required)
Mon., 10/5, 8 am-12 pm (PST)
Tue., 10/6, 8 am-12 pm (PST)
Wed., 10/7, 8 am-12 pm (PST)

Toyota Virtual Internship Information Sessions
9/ 8-22, Various times
(Listed in Handshake under job postings – linked here)

Slalom Information Session
Wed, 10/14, 4:30-5:30 pm (PST)

XM "What I wish I knew: Lessons from an Engineering Manager and Developer"
10/21, 4-5 pm (MDT)

Crush the Behavioral Interview Workshop hosted by Slalom
Wed., 10/28, 4:30-6:30 pm (PST)
Sign up early, attendees capped at 40.

School of Design Career Fair
Thu., 10/29, 5-7 pm (PST)

Contact Information

Social Media

Facebook: VCEAInternships

LinkedIn: Voiland College of Engineering and Architecture

Twitter: @WSUVoilandPPEL

Instagram: @Voiland.ppel

Email: vcea.internships@wsu.edu

Website:

vcea.wsu.edu/student-success/internships-careers/

Career Coaches: Calendly.com

Sandi Brabb: /brabb

Taylor Shewchuk: /taylor-shewchuk

Pinak Bhalerao: /pinak-bhalerao

Anna Yurkin (Peer): /anna-yurkin

Thank you

VCEA.Internships@wsu.edu
Office: Dana 138 | Virtual Drop-in: M-F 11 am to 4 pm

V O I L A N D

INTERNSHIPS & CAREER SERVICES

Internships | Co-ops | Jobs | Dreams

American Society of Mechanical Engineering – ASME Club

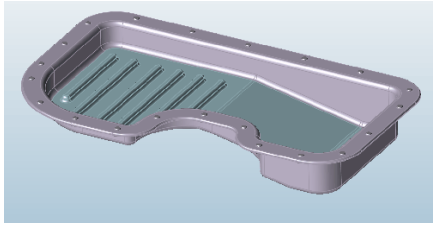
Meetings: Every Tuesday at 5:30pm
Join us on slack! **asmewsu.slack.com**

Membership Benefits:

- Tutoring
- Internships
- Jobs

ASME Activities?

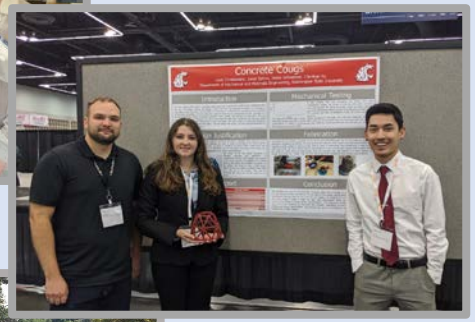
- ASME E-Fest project competitions
  - Manufacturing and Design Competition
- 3D printing & topology optimization workshops
- Mentoring
- Webinars



MATERIAL™ ADVANTAGE

The Student Program for Materials Science and Engineering

Industry Tours!



Competitions!

New Friends!

Material Advantage is a student organization for students interested in materials science and engineering (we take all majors!). We focus on professional development as well as gaining technical skills to excel in the materials engineering field.

We meet Tuesdays at 3pm via Zoom!

Please contact us for the zoom link or if you have any questions!

President: Jessie Schweitzer- jessie.schweitzer@wsu.edu

Vice President: Jessica Erickson- jessica.erickson@wsu.edu

3D Printing Club (3DPC)

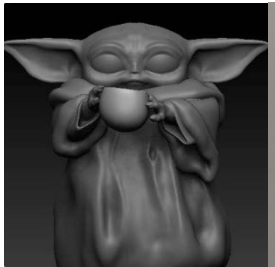
General Meeting: Mondays at 5:30 pm
Email joy.morin@wsu.edu for zoom link

ALL MAJORS WELCOME!

PROJECTS

Building a Conductive Silicone Printer

Building a Shredded Water Bottle Printer



BENEFITS

- ✧ Meet new people
- ✧ Add projects to resume
- ✧ Learn new skills
- ✧ Participate in competitions

WSU Aerospace Club

AIAA is the aerospace club for WSU, we basically have two groups rockets and plane. We usually try to go to a competition but this year we probably wont be able to.
Students can also do as much as they want in the club. Some of us are very committed and some just do little tasks for each group.
New students also don’t need any prior experience to join or work on any of the projects.

Rocket Group

- Usually competing in Spaceport America
- Currently preparing and getting new students ready

Plane Group

- Usually competes in DBF or on personal projects
- Currently working on a long distance plane
- Also teaching new students how to use solid works and other tools

Contact if interested: wsuaerospaceclub@gmail.com

Wazzu Racing (Formula SAE Team)

Formula SAE is a student design competition organized by the Society of Automotive Engineers. University teams across the world design, build, and test a small-scale formula-style race car based on a set of rules. This competition allows teams demonstrate creativity and engineering skills.

WAZZU Racing aims to educate and provide real-world experience for our members to prepare them for the workplace

For the 2020 – 2021 academic year, we have decided not to attend competition, as FSAE's plan is still uncertain. Therefore, We will be taking the year to produce new design to hopefully manufacture during the 2021 – 2022 academic year.

Meetings are at 11AM on Saturdays on discord
See QR Code, https://discord.com/invite/ZyyAnsW

WazzuRacing wazzu_racing

ROBOTICS CLUB

Advisor: John Swensen, john.swensen@wsu.edu, 509-335-1031
2020-2021 officers: TBD, as I dropped the ball at the end of spring semester with COVID
Contact Kaitlyn Lewis about upcoming nominations/elections, kaitlyn.n.lewis@wsu.edu

Past club activities:

1. Chess playing robot
2. BB8 robot
3. Tutorials on Arduino, sensors/actuators, PID control, vision-based control of robots, robot arm kinematics, neural networks, etc.

Future club activities:

1. This is really up to the club. Traditionally, each semester the club votes on 2-3 projects to work on and we have club-level and project-level meetings.
2. Club tutorials: either the same as before, or others that students are interested in.

Society for the Advancement of Material and Process Engineering (SAMPE-WSU)

Open to Students of All Majors

- Promote student participation in local, state and international SAMPE meetings and related contests;
- Expand students' knowledge and experience in the design and manufacturing of composite and advanced materials;
- Provide aid for students majoring in Mechanical and Materials Engineering at WSU with respect to academic curriculum, research and employment;

Plan in 2020-2021

Organize students to take participate in the SAMPE 2021 Conference (Long Beach, CA in May) and student contests (poster, additive manufacturing, bridge Contest).

Contact

President: Yi Chen yi.chen6@wsu.edu
Advisor: Lloyd V. Smith lvsmith@wsu.edu

MRS MATERIALS RESEARCH SOCIETY

Advancing materials. Improving the quality of life.

- Club President: Michael Faust
- Contact Information: wsu.mrs@gmail.com

Social and Professional group
- Material Science and Engineering
- Physics, Chemistry, and Engineering

Primarily Graduate Students (83%)
- Undergraduate Students welcome

Events
- Lab Tours
  - Fall 2019 Nuclear Reactor Tour
  - Spring 2020 Ferdinand's Tour
  - Spring 2020/Fall 2021 plans for PNNL Tour
- Social Events
  - Remote games (Jackbox.tv this week)
  - Cohort Nights (first year graduate students)
- Guest Speakers
  - GPSA Funds for Symposium (Nuclear Materials/Policy) (on hold, due to COVID)

National Fall and Spring Conferences
- Funding available for travel

Networking Opportunities

Q & A