2023 DEN Department Orientation
Sonny Astani Department of Civil and Environmental Engineering
BEFORE WE START...

• Please direct your attention to the short presentation.

• At the end of the presentation, you may ask questions via the Q&A window.

• The chat window is reserved for announcements. Please do not use the chat window for questions.
AGENDA

1. General Orientation Reminders
2. Student Support Services
3. Civil and Environmental Engineering
4. Reminders and Resources
5. Q & A
DEN General Orientation Reminders

- USC Welcome Packet pdf + DEN General Orientation Recording
  - [https://viterbigrad.usc.edu/ms-denviterbi-new-student-information/](https://viterbigrad.usc.edu/ms-denviterbi-new-student-information/)
  - Both are mandatory, please review if you have not already

- USC Mandatory Online Trainings
  - Found in myUSC > Safety & Wellness, completion is required. Hold placed if not completed.

- Remember to Create DEN@Viterbi Profile Before Registration
  - [viterbi.usc.edu/denprofile](viterbi.usc.edu/denprofile)

- Limited Status Students
  - USC NetID and email will be created within 2 weeks of the start of the term or within 3 days after enrollment of you register after start of term.
  - General advisement for limited status students: [den@vase.usc.edu](mailto:den@vase.usc.edu)

- After Registration, Technical Support and Training is available for DEN@Viterbi Students
  - [https://viterbigrad.usc.edu/technical-support/training-options/](https://viterbigrad.usc.edu/technical-support/training-options/)
  - Much is covered in DEN general orientation, please review that first
Student Support Services at Viterbi

- **Academic Department Advising**
  Academic advising on course registration and planning for future semesters.

- **VASE DEN Student Services**
  General advisement and policies and procedures

- **DEN Technical Support Center**
  Technical support services for D2L, lecture posting, course notes support, and exams.

- **DEN Exams**
  Support and coordinate homework and exams on D2L.

  *Part of the Technical support team*
“What services can my Astani/CEE advisor help me with?”
DEN Programs

- MSCE Construction Engineering 28 Units
- MSCE Structural Engineering 28 Units
- Master of Construction Management 32 Units
Degree Requirements (General)

- Two-Thirds of Degree Credit Must Be At the 500-level or higher
- Continuous Enrollment (Fall/Spring)
- Complete Degree within 5 years
- 3.0 Minimum GPA
- Grades of a C or higher can count toward a degree
Tips

• If working fulltime – enroll in 4 units/semester
  o Many DEN students are part-time enrolled
• Focus on taking core courses first
• Only take courses that are listed are part of your program
Degree Requirements – by Major

cee.usc.edu
MSCE Construction Engineering

- Minimum of 28 Units

**Required Core (12 Units)**

- **CE 501**: Construction Practices (4 units)
- **CE 502**: Construction Accounting, Finance and Strategy (4 units)
- **CE 569**: Project Controls (4 units)

**Program Electives (at least 16 units)**
Core Courses

- **CE 501**: Construction Practices (4)
- **CE 569**: Project Controls (4)

*If full-time employed, please only choose 4 units. Speak with an advisor if you are interested in taking more than 4 units.*
## MSCE Structural Engineering

- **28 Units**

### Required Courses (12 Units)
- CE 507: Advanced Mechanics (4 units)
- CE 542: Dynamics of Structures (4 units)
- CE 599: UQ Concepts (2 units)
- CE 599: Data Analytics in Engineering (2 units)

### Elective Courses (16 Units)

The program offers a wide range of elective courses. If you are interested in the subfield of mechanics, design, or data science and forensic engineering, it is recommended to choose electives from those areas. If you would prefer a more diverse study, freely select any courses from the lists.

<table>
<thead>
<tr>
<th>Mechanics Electives</th>
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<tr>
<td>Design Electives</td>
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<tr>
<td>Data Science and Forensic Engineering</td>
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CORE COURSES

- **CE 529**: Finite Element Analysis (4)
- **CE 533**: Geotechnical Earthquake Engineering (4)
- **CE 537**: Advanced Reinforced Concrete (4)

*CE 529 will be offered in the summer (2023). Students who want to take a class in the summer should not take CE 529 in the spring.

If full-time employed, please only choose 4 units. Speak with an advisor if you are interested in taking more than 4 units.
Master of Construction Management (MCM)

• 32 Units

Core Courses (16 units)

All MCM students take these four courses:

• CE 501: Construction Practices (4 units)
• CE 502: Construction Accounting, Finance and Strategy (4 units)
• CE 564: Construction Planning & Preconstruction (4 units)
• CE 569: Project Controls (4 units)

Approved Program Electives (16 Units)

Beyond the required courses (above) the rest of your course work should be selected from the per-approved electives (below) to reach the minimum of 32 units to complete this degree. If you wish to take a course as an elective that is not listed here you must seek pre-approval.
MCM Spring 2023 Course Options

CORE COURSES

- **CE 501**: Construction Practices (4 units)
- **CE 569**: Project Controls (4 units)

*If full-time employed, please only choose 4 units. Speak with an advisor if you are interested in taking more than 4 units.*
DEN D-Clearance Request

1. Login to DEN Desire2Learn: [http://courses.uscden.net](http://courses.uscden.net)
2. Go to DEN@Viterbi Tools on the navigation bar
3. Select “Request D-clearance” link, select the term, and select a course

Important reminders:

- Approval process takes 1-2 business days. To view the status of a request, click on “Check D-Clearance Status”
- You can register once your request has been processed. D-clearances expire 7 days from when it is issued so register as soon as you obtain it to secure a seat in a course.

All DEN courses require D-clearance.

For questions on D-Clearance status, contact den@vase.usc.edu
Questions?

Please submit your questions in the Q&A box
Advising Contact Information

**Astani/CEE Advising**
- Email: [cee.advise@usc.edu](mailto:cee.advise@usc.edu)
  Please include USC ID number in emails
- Website: [cee.usc.edu](http://cee.usc.edu)

**VASE Advising**
- Email: [welcome@vase.usc.edu](mailto:welcome@vase.usc.edu)
- Website: [https://viterbigrad.usc.edu/](https://viterbigrad.usc.edu/)
- Virtual Walk-in Hours
  (Monday-Thursday, PST): 10:00 AM - 12:00 PM
## DEN CONTACT INFORMATION

**Location**: Olin Hall of Engineering (OHE), Rm. 106  
**Hours**: Mon. - Fri. 8:30 am - 5 pm (Pacific Time)  
[https://viterbigrad.usc.edu/academic-services/denviterbi-student-services/](https://viterbigrad.usc.edu/academic-services/denviterbi-student-services/)

<table>
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<tr>
<th>DEN@Viterbi Support</th>
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<th>Staff</th>
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| Technical support, Desire2Learn training, Homework | dentsc@usc.edu  
213-740-9356 | Daniel Cueva |
| DEN d-clearance inquiries | den@vase.usc.edu | |
| Exams | denexam@usc.edu  
213-740-9356 | Shirley Schutt |
| VASE Advisor  
• General advisement  
• Policies & Procedures | den@vase.usc.edu | Andrea Mora, Andy Chen, William Wences |
Please help us by submitting the survey after you leave the meeting.

THANK YOU!