PURDUE UNIVERSITY | Office of Summer and Winter Sessions

Welcome to Purdue!

# Developing Tomorrow's Infrastructure: An Introduction to Civil and Construction Engineering

June 21-26, 2026

| **Sunday, June 21** | |
|---|---|
| 3:00pm – 5:00pm | Check-in<br>*Meredith South Residence Hall* |
| 5:00pm – 5:15pm | Say "see you soon" to families<br>*Parents will depart after student is checked in and **before** program orientation.* |
| 5:15pm – 5:45pm | Program Orientation for **Developing Tomorrow's Infrastructure, Atoms at Work, and Scrubs and Skills**<br>*Meredith South Residence Hall – Multipurpose Room (off main lobby)* |
| 5:45pm – 6:15pm | Program Orientation for **Agricultural Science Research Institute, Discover Pharmacy, AI and You, Code Explorers, and Game On**<br>*Meredith South Residence Hall – Multipurpose Room (off main lobby)* |
| 5:45pm – 7:00pm | **After Orientation for Developing Tomorrow's Infrastructure, Atoms at Work, and Scrubs and Skills:** Walk to dinner and eat with your peer mentor group<br>*Wiley Dining Court* |
| 6:15pm – 7:00pm | **After Orientation for Agricultural Science Research Institute, Discover Pharmacy, AI and You, Code Explorers, and Game On:** Walk to dinner and eat with your peer mentor group<br>*Wiley Dining Court* |
| 7:00pm –10:00pm | Peer Mentor Group Activities/Free Time<br>*Various Locations* |
| 9:00pm – 10:00pm | Check-in for curfew by 9:30 pm<br>*Meredith South Residence Hall – On your floor* |

| **Monday, June 22** | |
|---|---|
| 7:00am – 8:15am | Breakfast<br>*Wiley Dining Court* |
| 8:15am – 8:30am | Walk to Class – Peer Mentors<br>*WALC 2051* |
| 8:30am – 10:00am | Introduction and Syllabus<br>- CCE Department representative welcomes students<br>- Geoffrey welcome students<br>- General introduction to the course (team members, content, course structure, syllabus)<br>- Pre-course survey<br>*WALC 2051* |
| 10:00am – 10:10am | Break |
| 10:10am – 10:30am | Ice Breaker<br>*WALC 2051* |
| 10:30am – 11:05am | Project Introduction<br>*WALC 2051* |
| 11:05am-11:55am | The Role of a Civil Engineer<br>*WALC 2051* |
| 11:55am – 12:10am | Walk to Lunch – Peer Mentors<br>*Wiley Dining Court* |
| 12:10am – 1:15pm | Lunch & Break – Peer Mentors<br>*Wiley Dining Court* |

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|---|---|
| 1:15pm – 1:30pm | Walk to Class – Peer Mentors<br>*HAMP 3153* |
| 1:30pm – 2:45pm | Soil Classification (Satish)<br>*HAMP 3153* |
| 2:45pm – 2:55pm | Break |
| 2:55pm – 4:00pm | Introduction to Sustainability (Jenna)<br>*HAMP 3153* |
| 4:00pm – 5:00pm | Photos and Material |
| 5:00pm – 5:10pm | Walk to Dinner – Peer Mentors |
| 5:00pm – 7:00pm | Dinner & Break – Peer Mentors<br>*Wiley Dining Court* |
| 7:00pm – 9:00pm | Board Games, Video Games and All Class Social – Peer Mentors<br>*Meredith South Lobby and Glass Conference Room* |
| 9:00pm – 10:00pm | Course Work / Free Time / Check-in for curfew by 9:30 pm<br>*Meredith South – On your floor* |

| **Tuesday, June 23** | |
|---|---|
| 7:00am – 8:15am | Breakfast<br>*Wiley Dining Court* |
| 8:15am – 8:30am | Walk to Class – Peer Mentors<br>*WALC 2051* |
| 08:30am - 10:00am | Introduction to Building Materials (Satish)<br>*WALC 2051* |
| 10:00am - 10:10am | Break |
| 10:10am - 12:00pm | Introduction to Travel Demand Modeling: Trip Generation and Distribution (Rishika)<br>*WALC 2051* |
| 12:00pm – 12:15pm | Walk to Lunch – Peer Mentors<br>*Wiley Dining Court* |
| 12:15am – 1:15pm | Lunch & Break – Peer Mentors<br>*Wiley Dining Court* |
| 1:15pm – 1:30pm | Walk to Class – Peer Mentors<br>*HAMP 3153* |
| 01:30pm - 03:20pm | Engineering Decision-making (Jenna)<br>*HAMP 3153* |
| 03:20pm - 03:30pm | Break |
| 03:30pm - 05:00pm | Team Project Time<br>*HAMP 3144* |
| 5:00pm – 5:10pm | Walk to Dinner – Peer Mentors |
| 5:00pm – 7:00pm | Dinner & Break – Peer Mentors<br>*Wiley Dining Court* |
| 7:00pm – 9:00pm | Outdoor Games and Co-Rec Time – Peer Mentors<br>*Intramural Field 3 and Co-Rec* |
| 9:00pm – 10:00pm | Course Work / Free Time / Check-in for curfew by 9:30 pm<br>*Meredith South – On your floor* |

| **Wednesday, June 24** | |
|---|---|
| 7:00am – 8:15am | Breakfast<br>*Wiley Dining Court* |
| 8:15am – 8:30am | Walk to Class – Peer Mentors<br>*WALC 2051* |
| 08:30am - 08:45am | Instructions for the Visit<br>*WALC 2051* |
| 08:45am - 09:00am | Walk to Bus |

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| | Departing: *BHEE* |
| 09:00am - 09:15am | Transportation to Bowen Laboratory |
| 09:15am - 10:30am | Visit Bowen Laboratory |
| 10:30am - 10:45am | Transportation to Purdue Campus<br>Arriving: *PHYS* |
| 10:45am - 11:00pm | Walk to *HAMP* |
| 11:00am - 12:00pm | Visit Materials Laboratory<br>*HAMP* |
| 12:00pm – 12:15pm | Walk to Lunch – Peer Mentors<br>*Wiley Dining Court* |
| 12:15pm – 1:15pm | Lunch & Break – Peer Mentors<br>*Wiley Dining Court* |
| 1:15pm – 1:30pm | Walk to Class – Peer Mentors<br>*HAMP 3153* |
| 01:30pm - 03:50pm | More on Travel Demand Modeling: Mode and Route Choice (Rishika)<br>*HAMP 3153* |
| 03:50pm - 04:00pm | Break |
| 04:00pm - 05:00pm | Team Project Time<br>*HAMP 3144* |
| 5:00pm – 5:10pm | Walk to Dinner – Peer Mentors |
| 5:00pm – 7:00pm | Dinner & Break – Peer Mentors<br>*Wiley Dining Court* |
| 7:00pm – 9:00pm | Movie Night and Crafts – Peer Mentors<br>*Meredith South Lobby and Glass Conference Room* |
| 9:00pm – 10:00pm | Course Work / Free Time / Check-in for curfew by 9:30 pm<br>*Meredith South – On your floor* |

| **Thursday, June 25** | |
|---|---|
| 7:00am – 8:15am | Breakfast<br>*Wiley Dining Court* |
| 8:15am – 8:30am | Walk to Class – Peer Mentors<br>*WALC 2051* |
| 08:30am - 10:00am | Coordination among CCE concentrations (Bruno)<br>*WALC 2051* |
| 10:00am - 10:10am | Break |
| 10:10am – 10:40am | Presentation Best Practices (Rishika and Jenna)<br>*WALC 2051* |
| 10:40am – 10:45am | Break |
| 10:45am - 12:00pm | Introduction to Types of Foundations (Satish)<br>*WALC 2051* |
| 12:00pm – 12:15pm | Walk to Lunch – Peer Mentors<br>*Wiley Dining Court* |
| 12:15pm – 1:15pm | Lunch & Break – Peer Mentors<br>*Wiley Dining Court* |
| 1:15pm – 1:30pm | Walk to Class – Peer Mentors<br>*HAMP 3153* |
| 01:30pm - 02:50pm | Seeing Systems (Jenna)<br>*HAMP 3153* |
| 02:50pm - 03:00pm | Break |
| 03:00pm - 04:00pm | Team Project Time<br>*HAMP 3144* |
| 04:00pm - 04:10pm | Break |

| | |
|---|---|
| 04:10pm - 05:00pm | Team Project Time<br>*HAMP 3144* |
| 5:00pm – 5:10pm | Walk to Dinner – Peer Mentors |
| 5:00pm – 7:00pm | Dinner & Break – Peer Mentors<br>*Wiley Dining Court* |
| 7:00pm – 9:00pm | Fountain Runs – Peer Mentors<br>*Start at Loeb Fountain* |
| 9:00pm – 10:00pm | Course Work / Free Time / Check-in for curfew by 9:30 pm<br>*Meredith South – On your floor*<br>***Plan to use a portion of this time to begin to pack your belongings. |

| **Friday, June 26** | |
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| 7:00am – 8:15am | Breakfast<br>*Wiley Dining Court*<br><br>***Plan to use a portion of this time to check out of the residence hall and place your luggage in the **Meredith South Multipurpose Room** for storage while you finish sessions throughout the morning and afternoon. (The Meredith South Multipurpose Room is where you had orientation on Sunday evening.)<br><br>**You will turn in your room key to Conference Services staff at this time.**<br><br>**You will check out with Office of Summer and Winter Sessions staff before leaving campus.** |
| 8:15am – 8:30am | Walk to Class – Peer Mentors<br>*WALC 2051* |
| 08:30am - 09:40am | Purdue Engineering Discussion<br>*WALC 2051* |
| 09:40am - 10:25am | Week in Review<br>*WALC 2051* |
| 10:25am - 10:55am | Purdue Engineering Walking Tour<br>*WALC to ARMS* |
| 10:55am - 11:55am | Presentation Practice<br>*ARMS Atrium* |
| 11:55am - 12:10pm | Walk to Lunch – Peer Mentors<br>*Wiley Dining Court* |
| 12:10pm - 1:15pm | Lunch & Break – Peer Mentors<br>*Wiley Dining Court* |
| 01:15pm - 01:30pm | Walk to Class – Peer Mentors<br>*ARMS Atrium* |
| 01:30pm - 02:45pm | Project Presentations<br>*ARMS Atrium* |
| 02:45pm - 03:15pm | Post-Class Survey and Final Class Activities<br>*ARMS 1021 & 1028* |
| 3:00pm – 3:10pm | Walk to Check out– Peer Mentors<br>*MRDS Lobby* |
| After 3:00pm | *** Retrieve belongings from luggage storage (**Meredith South Multipurpose Room**), check out with Office of Summer and Winter Sessions staff, and depart campus no later than 5:00pm |

**Information presented is tentative and may change

WALC = Wilmeth Active Learning Center
HAMP = Delon and Elizabeth Hampton Hall of Civil Engineering
ARMS = Neil Armstrong Hall of Engineering
PHYS = Physics Building

**What Students Need to Bring to the Course**

Please bring a basic calculator, pencil, eraser, something to take notes with during class (notebook, etc.), and appropriate gear to be outside and tour Bowen Laboratory including closed-toe walking shoes, long pants, shirt covering the torso and shoulders (no crop-tops, tank tops, halter tops, etc.), sunscreen, hat, water bottle, etc. If possible, please also bring a laptop, tablet, or other device that can access the internet, but note this is ***not required***.