



---

University of California Berkeley  
Institute for Transportation Studies

**Airport Systems Planning and Design (AV12) Short Course**  
Program – 2024 (updated 2.20.24)

**MONDAY, JUNE 24**

|             |  |
|-------------|--|
| 8:30-9:00   | Course Overview and Attendee Introductions - Gosling |
| 9:00-10:35  | Aviation System Planning - Gosling                   |
| 10:35-10:55 | (break)  |
| 10:55-12:30 | Airport Strategic and Master Planning - Stewart      |
| 12:30-1:30  | (lunch)  |
| 1:30-3:05   | Airport and Aviation Sustainability - Cooke          |
| 3:05-3:25   | (break)  |
| 3:25-4:30   | Overview of group assignments - Gosling & Hanowsky   |
| 6:30        | Optional Dinner, depart from course hotel            |

**TUESDAY, JUNE 25**

|             |  |
|-------------|--|
| 8:30-10:05  | Advanced Air Mobility - Cohen                      |
| 10:05-10:25 | (break)  |
| 10:25- noon | Aviation Traffic Demand Forecasting - Gosling      |
| Noon-1:00   | (lunch)  |
| 1:00 -2:35  | Airline Operations and Economics - Nason           |
| 2:35-2:55   | (break)  |
| 2:55-4:30   | Airport Finance - Richardson                       |
| 4:30-5:00   | Group assignment discussions<br>Dinner on your own |

**WEDNESDAY, JUNE 26**

|             |   |
|-------------|---|
| 8:30-10:05  | Airfield Planning and Design - Cornell                              |
| 10:05-10:25 | (break)   |
| 10:25-noon  | Airspace and Airport Capacity - Hanowsky                            |
| Noon-1:00   | (lunch)   |
| 1:00-2:35   | Airport Passenger Terminals - Thurber                               |
| 2:35-2:55   | (break)   |
| 2:55-4:30   | Air Cargo Logistics and Facilities - Phillips<br>Dinner on your own |



University of California Berkeley  
Institute for Transportation Studies

**Airport Systems Planning and Design (AV12) Short Course**  
Program – 2024 (Continued)

**THURSDAY, JUNE 27**

|             |  |
|-------------|--|
| 8:30-10:05  | Airport Ground Access - Mandle               |
| 10:05-10:25 | (break)                                      |
| 10:25-noon  | Environmental Planning and Management - Full |
| Noon-1:00   | (lunch)                                      |
| 1:00-2:35   | Airport Noise Management - Mestre            |
| 2:35-2:55   | (break)                                      |
| 2:55-4:30   | Airports and Land Use Compatibility - Harmon |
| 4:30-5:00   | Group assignment discussions                 |
| 6:30        | Course Dinner / Speaker: TBD                 |

**FRIDAY, JUNE 28**

|             |  |
|-------------|--|
| 8:30-10:05  | From Planning to Construction - Oswald |
| 10:05-10:25 | (break)                                |
| 10:25-noon  | Airport planning group presentations   |
| Noon-12:15  | Course Wrap-Up - Gosling               |
| 12:15       | Adjourn                                |



### **Faculty member in charge**

**Mark Hansen**, Professor of Civil Engineering, Department of Civil and Environmental Engineering, University of California, Berkeley

### **Course coordinators**

**Geoffrey Gosling**, Principal, Aviation System Consulting, Berkeley, California

**Michael Hanowsky**, Director, Practice Lead for Data Analytics and Operational Planning, Woolpert, Oakland, California

### **Instructional staff**

**Adam Cohen**, Research Associate, Innovative Mobility Research Group, Transportation Sustainability Research Center, University of California, Berkeley

**Erin Cooke**, Sustainability Director, San Francisco International Airport, San Francisco, California

**Thomas Cornell**, Vice President, Landrum & Brown, San Francisco, California

**David Full**, Vice President Aviation – Environmental Service Group Leader, RS&H, San Francisco, California

**Geoffrey Gosling**, Principal, Aviation System Consulting, Berkeley, California

**Michael Hanowsky**, Director, Practice Lead for Data Analytics and Operational Planning, Woolpert, Oakland, California

**Lisa Harmon**, Project Planner - Aviation, Mead & Hunt, Sacramento, California

**Peter Mandle**, Executive Vice President, InterVISTAS Consulting, Burlingame, California

**Vincent Mestre**, Retired, Vice President Emeritus, Landrum & Brown, Port Townsend, Washington

**Scott Nason**, President, SDN TT&H Consulting, Dallas, Texas

**Christopher Oswald**, Senior Vice President, Safety & Regulatory Affairs, Airports Council International – North America, Washington, DC

**Thomas Phillips**, Chief Executive Officer, Keiser Phillips Associates, Seattle, Washington

**Nora Richardson**, Director, Frasca & Associates, Houston, Texas

**Burr Stewart**, Aviation Strategic Planning & Sustainability Consultant, Seattle, Washington

**Byron Thurber**, Senior Aviation Planner, Arup, San Francisco, California

### **Dinner Speaker**

**TBD**