

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
	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
	Dinner on your own



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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

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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