



National Center of Excellence for Aviation Operations Research
University of California at Berkeley Short Course

Airport Systems Planning and Design
Final Program – 2023

MONDAY, JULY 10

8:30-9:00	Course Overview and Attendee Introductions/Gosling
9:00-10:35	Airport 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	Airline Operations and Economics/Nason
6:30	<i>Optional Dinner, depart from course hotel</i>

TUESDAY, JULY 11

8:30-10:05	Overview of group assignments/Gosling & Hanowsky
10:05-10:25	break
10:25- noon	Aviation Traffic Demand Forecasting/ Gosling
Noon-1:00	lunch
1:00 -2:35	Airport Ground Access/ Mandle
2:35-2:55	break
2:55-4:30	Airport Finance/ Richardson
4:30-5:00	Group assignment discussions
	<i>Dinner on your own</i>

WEDNESDAY, JULY 12

8:30-10:05	From Planning to Construction / Oswald
10:05-10:25	break
10:25-noon	Airfield Planning and Design / Cornell
Noon-1:00	lunch
1:00-2:35	Airport Passenger Terminals / Thurber
2:35-2:55	break
2:55-4:30	Airport and Land Use Compatibility/ Harmon
7:00	Dinner / Speaker: <i>William Dean Donovan, DiamondStream Partners</i>



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THURSDAY, JULY 13

8:30-10:05	Advanced Air Mobility/ Cohen
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	Air Cargo Logistics and Facilities / Phillips
4:30-5:00	Group assignment discussions
	<i>Dinner on your own</i>

FRIDAY, JULY 14

8:30-10:05	Airspace and Airport Capacity/ Hanowsky
10:05-10:25	break
10:25-noon	Airport planning group presentations
Noon-12:15	Course wrap-up
12:15	<i>Adjourn</i>

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

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