

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

Airport Systems Planning and Design

Program -- 2017

MONDAY, JUNE 19

8:30-9:00 **Introduction** / Gosling
9:00-10:05 **Airport system planning** / Gosling
10:05-10:25 break
10:25-noon **Airport strategic and master planning** / Stewart
noon-1:00 lunch
1:00-2:35 **Current and emerging issues in airport planning, design & construction** / Fife
2:35-2:55 break
2:55-4:30 **Air traffic demand forecasting** / Gosling

TUESDAY, JUNE 20

8:30-10:35 **Airline operations and economics** / Diamond
10:35-10:55 break
10:55-12:30 **NextGen technologies and ATM modernization** / Oswald
12:30-1:30 lunch
1:30-3:05 **Airspace and airport capacity** / Dunlay
3:05-3:30 break
3:30-4:30 **Virtual design for airport planning, design and construction,
and operations/maintenance** / Neumayr

7:00 Dinner / Speaker: Jean Banker, Port of Oakland

WEDNESDAY, JUNE 21

8:30-10:05 **Airfield layout planning and design** / Cornell
10:05-10:25 break
10:25-noon **Passenger terminal planning** / Wilson
noon-1:00 lunch
1:00-2:35 **Airport finance** / Richardson
2:35-2:55 break
2:55-4:30 **Air cargo logistics and planning air cargo facilities** / Phillips

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THURSDAY, JUNE 22

8:30-10:05	Airport ground access / Gosling
10:05-10:25	break
10:25-noon	Environmental planning and management / Full
noon-1:00	lunch
1:00-2:35	Airport noise management / Fidell
2:35-2:50	break
2:50-4:25	Airport land use compatibility planning / Harmon
4:25-4:30	Course summary / Gosling