

National Center of Excellence for Aviation Operations Research
University of California at Berkeley
Short Course
Berkeley California, November 2-5, 2009

Airport Systems Planning and Design
Program – 2009
(Updated 8/5/09)

MONDAY, NOVEMBER 2

8:30-9:00 Introduction / Gosling
9:00-10:00 Airport systems planning / Gosling
break
10:30-noon Airport strategic and master planning / Stewart
lunch break
1:00-2:30 Air traffic demand forecasting / Gosling
break
3:00-4:30 Airfield layout planning and design / Blanck

TUESDAY, NOVEMBER 3

8:30-10:00 Current and emerging issues in airport planning, design & construction / Fife
break
10:30-noon Landside simulation and modeling techniques / Bender
lunch break
1:00-2:30 NextGen technologies and ATM modernization / Oswald
break
3:00-4:30 Airspace and airport capacity / Dunlay

WEDNESDAY, NOVEMBER 4

8:30-10:00 Airline operations and economics / Nason
break
10:30-noon Passenger terminal planning / Blankenship
lunch break
1:00-2:30 Airport ground access / Gosling
break
3:00-4:30 Airport finance / Richardson
7:00 Dinner / Speaker: TBD

THURSDAY, NOVEMBER 5

8:30-10:00 Environmental planning and management / Full
break
10:30-noon Airport noise management / Fidell
lunch break
1:00-2:30 Airport land use compatibility planning / Ward
break
3:00-4:15 Planning air cargo facilities / Phillips
4:15-4:30 Course summary / Gosling