Instructor: Prof. Adli H. Al Balbissi

References:

Course Evaluation:
Midterm (Monday 20/3/2017) 20 %
Paper proposal (deadline Monday 27/2/2017) 5 %
Paper (deadline Monday 17/4/2017) 15 %
Student lecture (Monday 3/4 & 10/4/2017) 10 %
Class participation 10 %
Final examination (To be announced later) 40 %

Course Contents:
Elements of traffic analysis:
- Basic traffic stream models
- Mathematical models of traffic flow
- Analysis of arrivals: deterministic and probabilistic queuing models
- Analysis of highway bottlenecks
- Analysis of signalized intersections
- Traffic delay models
- Shock waves in traffic streams
- Gap and gap acceptance models