**Epidemiology Course**  
**Meeting place:** Epidemiology Conference Room (AD Williams Clinic)

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<th>Date</th>
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| November 18| 1- Introduction  
2- The Dynamics of disease transmission                                   | 3-13, 15-30   | Edmond      |
| December 2 | 3- Measuring the occurrence of disease  
4- Assessing the validity and reliability of diagnostic and screening test | 32-47, 48-70  | Bearman     |
| December 16| 6- The Natural History of Diseases: Ways of Expressing Prognosis         | 95-114        | Edmond      |
| January 13 | 5- Assessing the Validity and Reliability of Diagnostic and Screening Tests  
7- Assessing the efficacy of preventive and therapeutic measures: Randomized trials | 71-92, 115-129 | Bearman     |
| January 27 | 8- Random trials: Some further issues  
9- Cohort studies                                                      | 130-145, 149-158 | Edmond     |
| February 10| 10- Case-control and cross-sectional studies  
11- Estimating risk: Is there an association                            | 159-176, 177-189 | Bearman    |
| February 24| 12- More on risk: Estimating the potential for prevention  
13- A pause for review: Comparing cohort and case-control studies  
14- From association to causation: Deriving inferences                      | 191-198, 199-202, 203-222 | Edmond     |
| March 10  | 15- More on causal inference: Bias, confounding, and interaction  
17- Using Epidemiology to Evaluate Health Service                    | 224-239, 265-280 | Bearman    |