

# IK2555: Mobile and Wireless Network Architectures - Period 3 - G. Q. Maguire Jr.

**Main Goal:** To understand what Personal Communication Systems are + their basic architectures.

**Scope and Method:** • We are going to examine a number of different systems to understand both the details of the system(s) and to abstract from these details some architectural features.

- You will demonstrate your knowledge by writing a written report and giving an oral presentation describing your project.

**Prerequisites:** Internetwork (IK1550) **or** Equivalent knowledge

The course consists of 10 hours of lectures + a project of ~50 hours effort.

**Literature:** Mainly based on the book: .Yi-Bing Lin and Ai-Chun Pang, Wireless and Mobile All-IP Networks, John Wiley & Sons; 2005, ISBN: 0-471-74922-2. We will refer to other books, articles, and RFCs as necessary. A list of interesting literature will be available on the course web page:

<http://www.it.kth.se/courses/IK2555/Coursepage-Spring-2010.html>