2015학년도 2학기 강의정보

2015학년도 2학기 강의정보						
교과목명	무선네트워크		**교강사명**	이향원		
학점	3		**수강대상 학년**	4학년		
교재명	Introduction to Wireless and Mobile Systems	**구분**	주교재	**저자**	Agrawal and Zen	**출판사** Cengage Learning
강의목표	This course introduces underlying principles of wireless and mobile networks such as 3G/LTE and WiFi that are most common platforms for wireless Internet access. We are particularly interested in understanding the fundamentals of wireless networks both theoretically and practically. We use tools from probability theory and optimization theory to accomplish our goals. As we move toward the end of the semester, there will be a project that requires each student to implement some network algorithms on NS-3 network simulator.					
교과목 해설	This course introduces the architectures and protocols of IEEE 802.11 based WLAN, cellular networks, and mobile networks such as vehicular sensor networks. Students will conduct small projects of implementing the protocols or algorithms discussed in the class.					
강의진행 방법	- lecture slides and some handouts - a couple of NS-3 simulation projects - good understanding of network layering concept required - some knowledge of Linux and C++ required					