LEARNING OBJECTIVE

This course is intended to provide students with a good understanding of the fundamental principles underlying the theory of wireless communication systems, multipath fading effects and their mitigation techniques, with emphasis on cellular mobile and satellite communication systems and signal processing.

CONTENT


LEARNING OUTCOME

Students who have completed this course will be equipped with the fundamental knowledge of wireless communications, multiple access and multipath fading concepts, basic understanding of several important wireless communication systems link budget, multiple access schemes and fading mitigation techniques, and the ability to perform basic design and performance analysis of wireless communication systems using the techniques described above.

STUDENT ASSESSMENT

Continuous Assessment 20%

Final Examination 80%

TEXTBOOKS


REFERENCES
