TC 501: Foundations of Communications

TELECOMMUNICATIONS

A theoretical foundation for the analysis and design of communications systems. Fourier analysis, Nyquist sampling theorem, and the Shannon Channel Capacity theorem. Analog and digital modulation techniques, including amplitude, frequency, and pulse code modulation, etc.

3 Credits

Instruction Type(s)
- Lecture: Lecture for TC 501

Subject Areas
- Telecommunications Engineering
- Electrical and Electronics Engineering

Related Areas
- Electrical and Electronics Engineering
- Electrical, Electronics and Communications Engineering, Other
- Laser and Optical Engineering
- Telecommunications Engineering