Dear Sir/Madam,

First of all, I would like to thank you for giving me the opportunity to express myself in few words and illustrate how motivated I am to join the Modern Channel Coding course.

At the 6th semester of my bachelor study I took a Channel Coding course which contained an introduction to linear block codes and simple convolution encoders. I found the topic really interesting and then during the last two semesters of my bachelor study, I took two courses: Information Theory and Source Coding, so I knew some theoretical background about entropy and channel capacity. So I decided that Information Theory is one of the few topics I should learn more about it in my postgraduate study. Then, I got accepted at the Communication and Media Engineering (CME) Master program at FAU-Erlangen, and had the honour to attend the course of Information Theory given by Prof. Huber, which was one of the best courses I took. Prof. Huber was concentrating in his course on the basic and deep concepts of entropy and channel capacity which helped me getting a better understanding about the importance of representing the information with minimum redundancy. Channel coding is basically adding redundancy to detect and correct errors and although it seems that they are totally opposite processes, they aim to reach the channel capacity. And I am really interested to know more about channel coding to get a more complete picture of representing information and adding redundancy to it in order to achieve the capacity.

This semester we are having a Channel coding course which improves my understanding about the topic in general and would prepare me to understand the concepts of more sophisticated coding techniques, like Turbo Codes which will be explained at the Modern Channel Coding course.

Yours sincerely
Khalid Mahmoud