

Gain hands-on experience
to become a leading-edge
DSP engineer

Graduate Students
Are Welcome

EE4v95

Real-Time Digital Signal Processing

Fall 2000

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Prof. Murat Torlak (torlak@utdallas.edu)

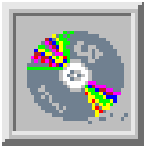
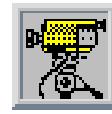
Unique Course Number 10617

You will gain hands-on experience with



Digital Signal Processing

signals, sampling, quantization, filters



Digital Communications

modulation, pulse shaping, modems



Digital Signal Processors

Harvard architecture, real-time high-throughput data processing

DSPs are key in modems, cellular phones, disk drives, CD players, and two-way pagers. You'll be programming DSP boards in C and assembly to build a

Real-Time Voiceband Data Modem in Software

<http://www.utdallas.edu/~torlak/courses/realtime/>

Lecture (EC 2.126): T 3:30-5:15

Lab (EC 3.120): R 2:00-4:45

