

# TELEMETRY - GRADUATE CERTIFICATE

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Telemetry is an applied discipline that uses concepts from communications, DSP, and computing to facilitate the transfer of sensed/measured data from one place to another over a typically wireless channel. This certificate introduces students to the basic theory as well as the application of that theory.

A 3.0 minimum cumulative GPA in four courses (12 credits) as described below will be required for award of this certificate. Dr. Laura Boucheron, Professor, Klipsch School of Electrical & Computer Engineering, (575) 646-7420.

Prefix	Title	Credits
<b>Required Courses</b>		<b>6</b>
E E 545	Digital Signal Processing II	
E E 581	Digital Communication Systems I	
<i>Electives (six credits from the following):</i>		<b>6</b>
E E 565	Machine Learning I	
E E 571	Random Signal Analysis	
E E 572	Modern Coding Theory	
E E 573	Signal Compression	
E E 583	Wireless Communications	
E E 586	Information Theory	
E E 590	Selected Topics (Telemetry)	
E E 596	Digital Image Processing	
<b>Total Credits</b>		<b>12</b>