

Students and researchers interested in learning the fundamentals should take advantage of this *list of recommended classes* for understanding HS/RTHS outside and within earthquake/wind/hazard engineering:

**Inside a typical Civil  
Engineering curriculum**

Structural Dynamics  
Finite Element Methods  
Experimental Methods  
Earthquake Engineering  
Wind Engineering  
Numerical Methods

**Not typically in a Civil  
Engineering curriculum**

Digital Signal Processing  
Classical Control Theory  
Modern Control Theory  
Multivariable Robust Control,  
Nonlinear Control