

Math/Humans, Software, Hardware: Same Ability

What we usually tell our first-year ECE students:

Any problem that we can solve,
we **can solve with** ...

- **math** / analysis / human computation, or
- **software** executing on a computer, or
- **hardware** (digital and/or analog circuits), **or**
- **any combination** of the above.

Being a good engineer means knowing how to pick the right combination (and do the design work!).