

EE Core/Advanced Core Reality Check Questions (Jones)

We all agree that a four-year BSEE curriculum is simply too short for students to learn everything that **might** be useful in an electrical or computer engineering career, and that our core and advanced core courses (since they're required of all or the majority of our students) should focus only on basic, fundamental material essential to the success of **most** electrical or computer engineers in **most** EE career paths they might choose.

Here's a checklist I came up with for myself to help me decide whether or not any given material/course should be in the Core or Advanced Core, for students in my area.

- I believe that more than 85% (Core) or 55% (Advanced Core) of our students will be substantially hindered in their careers by not knowing/taking this material/course.
- I would/have myself **personally** been hindered or constrained in my career by lack of this material/course.
- Think of the top three people in industry in my area. How many of these would have been hindered in their career by lack of this material/course?

This page created by D.L. Jones on October 21, 2009; Last updated by D.L. Jones on October 21, 2009