The School of Engineering and Applied Science briefing on

Engineers PRODUCED in Virginia
The Engineering Science Degree
Why Engineering Science?

• Builds seamlessly on the Associate of Science in Engineering degree.
• Includes an advanced project.
• Organized as an interdisciplinary degree.
• Facilitates customized programs of study.
• Represents a great starting point for distributed undergraduate engineering education.
Students in Engineering Science

• The degree was established in 1963.
• Students in Charlottesville currently enroll in and graduate from this program.
• The degree is flexible and has often attracted “out of the box” thinkers.
• Recent average starting salaries from UVA: $52,000+
Engineering Science (After Graduation)

- Afton Chemical
- BeltCollins
- BlackRock Asset Management
- Booz Allen Hamilton
- CFA Institute
- DC Energy Quantitative Trading
- “K” Line America
- Nortel Government Solutions
- Northrop Grumman
- Princeton University
- Raytheon
- Speath Engineering
- UPS
- U.S. Dept. of Transportation

- Albany Medical College
- Duke University
- Emory University / Georgia Tech
- Indiana University
- University of Maryland
- University of Virginia
- Virginia Commonwealth University
UVA Engineering Science Across Virginia

• Initially there will be three tracks of Engineering Science
  – Mechatronics
  – Materials Science and Engineering
  – Nanotechnology

• In time we will offer additional tracks, e.g. sustainable engineering, hardware computer engineering.
Why consider this pathway?

• Save money (20% or more).
• Tap into a rigorous, rewarding, quality education.
• Develop a highly sought after skill set.
• Demonstrate a desire to stay local.
• Earn a University of Virginia degree.
• Connect with local engineering needs and companies.
Tapping into UVA Engineering’s Distributed Learning Environment

• This environment is being developed more broadly for UVA engineering studies
• Same class sections as on-grounds UVA students, during the day…
• Technology-enabled learning
  – Tablet PC student platform
  – Elluminate Live! on-line classroom
  – Support by UVA Collab (Sakai) and virtual world