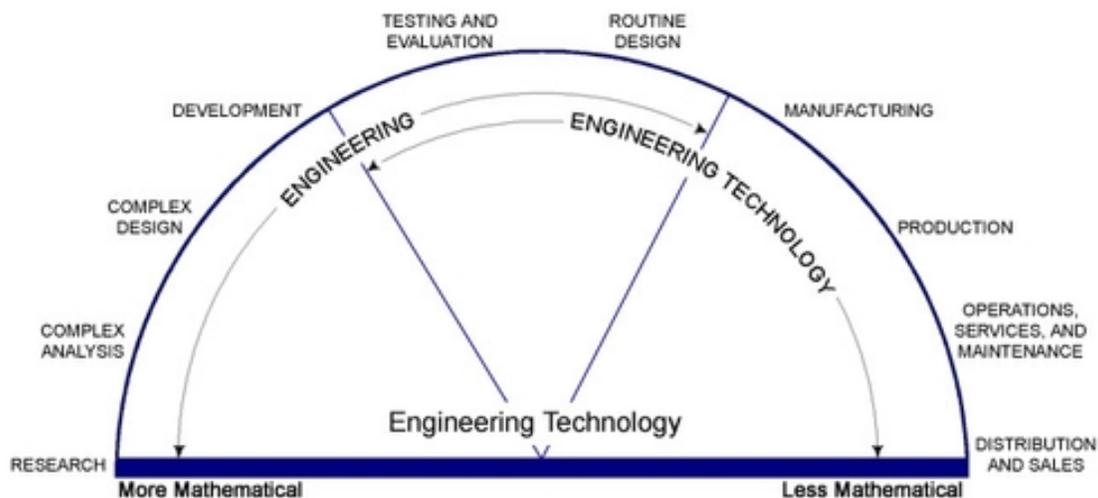


Engineering vs. Engineering Technology

	Engineering Technology	Engineering
Curricular Focus	Application and Implementation	Theory and Conceptual Design
Math Coursework	Algebra, Trigonometry, Calculus I and algebra-based science courses	Multiple semesters of Calculus, Differential Equations and calculus-based theoretical science courses
Technical ("Hands-on") Coursework	Most engineering technology courses have a technical component.	During the first two years there are no technical courses.
Job Title	Graduates with an Associate's degree in engineering technology are called technicians. Graduates with a Bachelor's degree in engineering technology are called technologists.	Graduates with a Bachelor's degree in engineering are called engineers.
Career Paths	Most likely to enter positions in sectors such as construction, manufacturing, product design, testing, or technical services and sales	Pursue entry-level work involving conceptual design or research and development
Further Study	Many consider engineering, facilities management, or business administration	Many continue on to graduate-level work in engineering
Major at NVCC	Mechanical Engineering Technology, Electronic Engineering Technology, Manufacturing (Automated) Engineering Technology, CAD Engineering Technology, or Engineering Technology	Engineering Science (Pathway degree – covers first two years of the engineering curriculum)

(modified from <http://www.abet.org/accreditation/new-to-accreditation/engineering-vs-engineering-technology/>)



(<http://www.ds.psu.edu/Documents/Academics/EngineeringTechnology.jpg>)