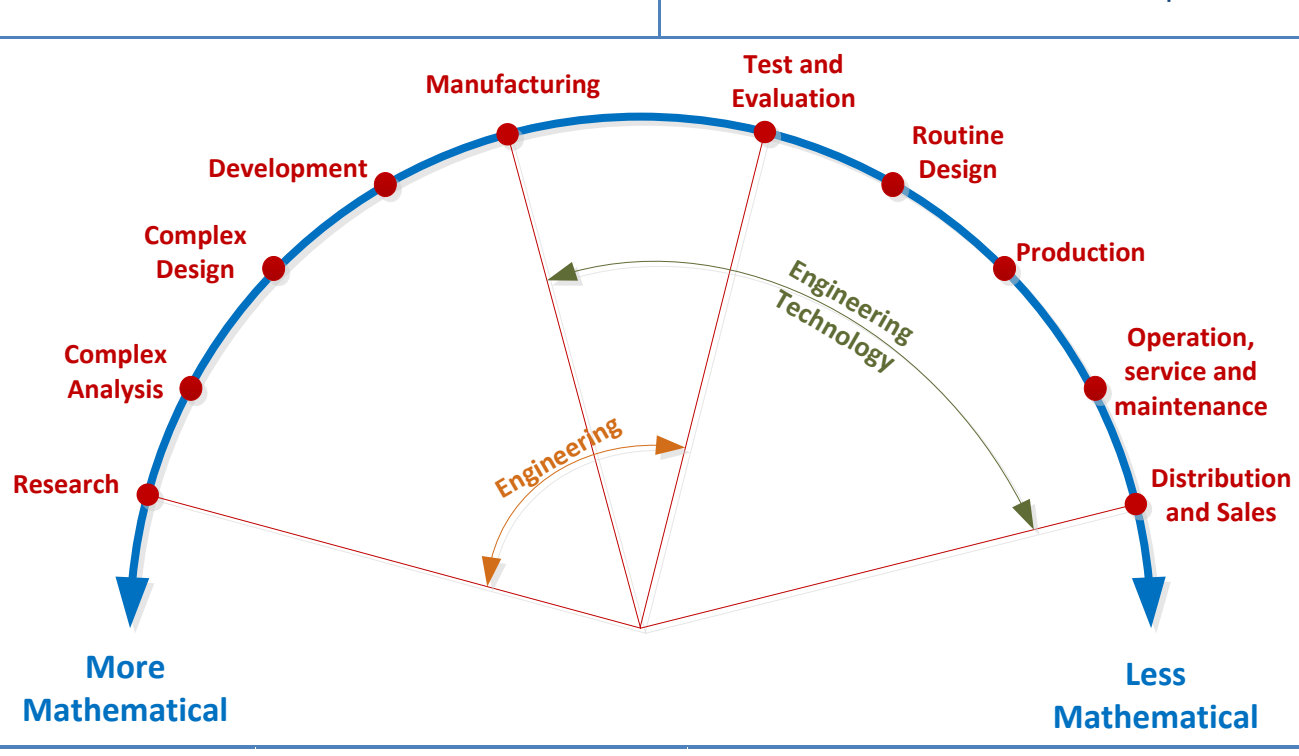
	ME PROGRAMS	MET PROGRAMS
Program Basis	The equivalent of one full year of mathematics and basic science courses provides the foundation for the program that is calculus based.	Associate programs and baccalaureate programs require the equivalent of one-half of a year and three-quarters of a year, respectively, of applied courses in mathematics and basic sciences. Although both programs are algebra based, calculus usage is required at both levels.
Emphasis of Technical Courses	Engineering courses stress the underlying theory as well as current and potential applications in business and industry.	Technology courses stress the application of technical knowledge and methods in the solution of current industrial type problems.
Emphasis of Laboratory Courses	Laboratory courses provide an intensive overview of experimental methods and of the related underlying theories.	Laboratory courses, an integral component of MET programs, stress practical design solutions as well as manufacturing and evaluation techniques appropriate for industrial type problems.
Technical Design Emphasis	General design principles and tools applicable to wide variety new problem situations are heavily stressed.	Current design procedures of a complex but well-established nature are developed and applied to problems in a specialized technical area.
Transfer Potential	Transfer to a technology program from an engineering curriculum is possible with a minimum loss of credits and time.	It is generally not possible to transfer to an engineering curriculum from a technology program without a significant loss of credits and time.
Typical Aspersions of the New Graduate	The ME graduate entering industry would most likely aspire to an entry-level position in conceptual design, systems engineering, manufacturing, or product research and development.	The MET graduate entering industry would most likely aspire to an entry-level position in product design, development, testing, technical operations, or technical services and sales.
Technical Interest	The ME graduate is relatively broad and has an analytical, creative mind challenged by open-ended technical problems.	The MET graduate is often specialized and has an application orientation, challenged by specific technical problems.
Mobility	Many MEs move into management positions.	METs can move into industrial supervisory positions.
Professional Registration	MEs are eligible to become registered professional engineers in all states by a process of examination and documentation of experiences.	Technicians and technologists may become professionally certified in their specific areas of expertise. Technologists may become registered professional engineers in many states; however, the requirements are usually different than those for engineers.
Graduate Education Opportunities	Graduate study in engineering as well as other areas is available for qualified students having a B.S. in engineering.	Graduate study in technology is limited and entrance to graduate engineering programs is most often difficult. Advance degrees in technical education and business are also possible.
Summary		
CT Recruiting Companies	• United Technologies: Pratt & Whitney, UTC Aerospace Systems • General Dynamics • Connecticut Tool & Manufacturing • Stanley Black & Decker • Polamer Precision, Inc. • QuEST Global • Barnes Group • Parker Hannifin • Trumpf • Covidien • Sikorsky • Bauer Inc. • GKN Aerospace	

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