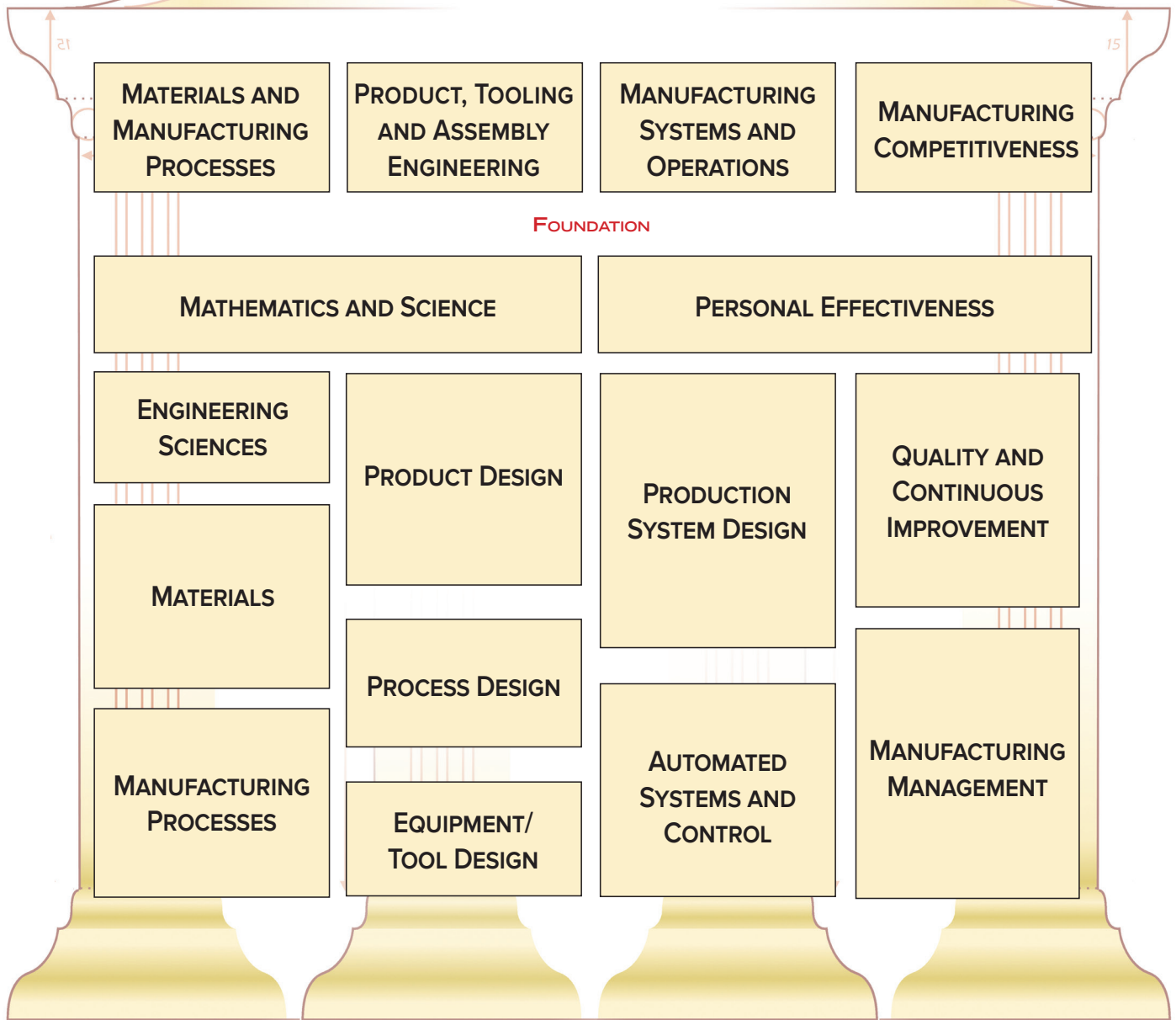


FOUR PILLARS OF MANUFACTURING KNOWLEDGE

PRODUCT PRODUCING ENTERPRISE



THE FOUR PILLARS OF MANUFACTURING KNOWLEDGE PROVIDES A MODEL OF FUNDAMENTAL KNOWLEDGE FOR MANUFACTURING PRACTITIONERS.

WHAT IS IT?

Visually presents breadth of manufacturing engineering and technology based on accreditation criteria and the SME Certification Body of Knowledge. Across the top are the four proficiencies of the ABET Program Criteria for Manufacturing Engineering and Manufacturing Engineering Technology. The topics from the SME Certified Manufacturing Engineer and Technologist Body of Knowledge are shown aligned under each proficiency.

WHO SHOULD USE IT?

Industry professionals and engineering and technology education program leaders and faculty.

HOW CAN YOU USE IT?

Help update manufacturing curricula. Review engineering and technology curricula for topics aligned to industry needs and determine depth of coverage needed. Encourage manufacturing content in non-named-manufacturing programs. Increase understanding of capabilities of manufacturing graduates. Describe manufacturing to attract students through better image. Communicate with media and the public about manufacturing programs.

THE EXTENT TO WHICH A CURRICULUM COVERS ANY INDIVIDUAL SUBJECT MATTER TOPIC DEPENDS UPON THE GOALS OF THE PROGRAM AND THE DEGREE LEVEL AT WHICH IT IS OFFERED.

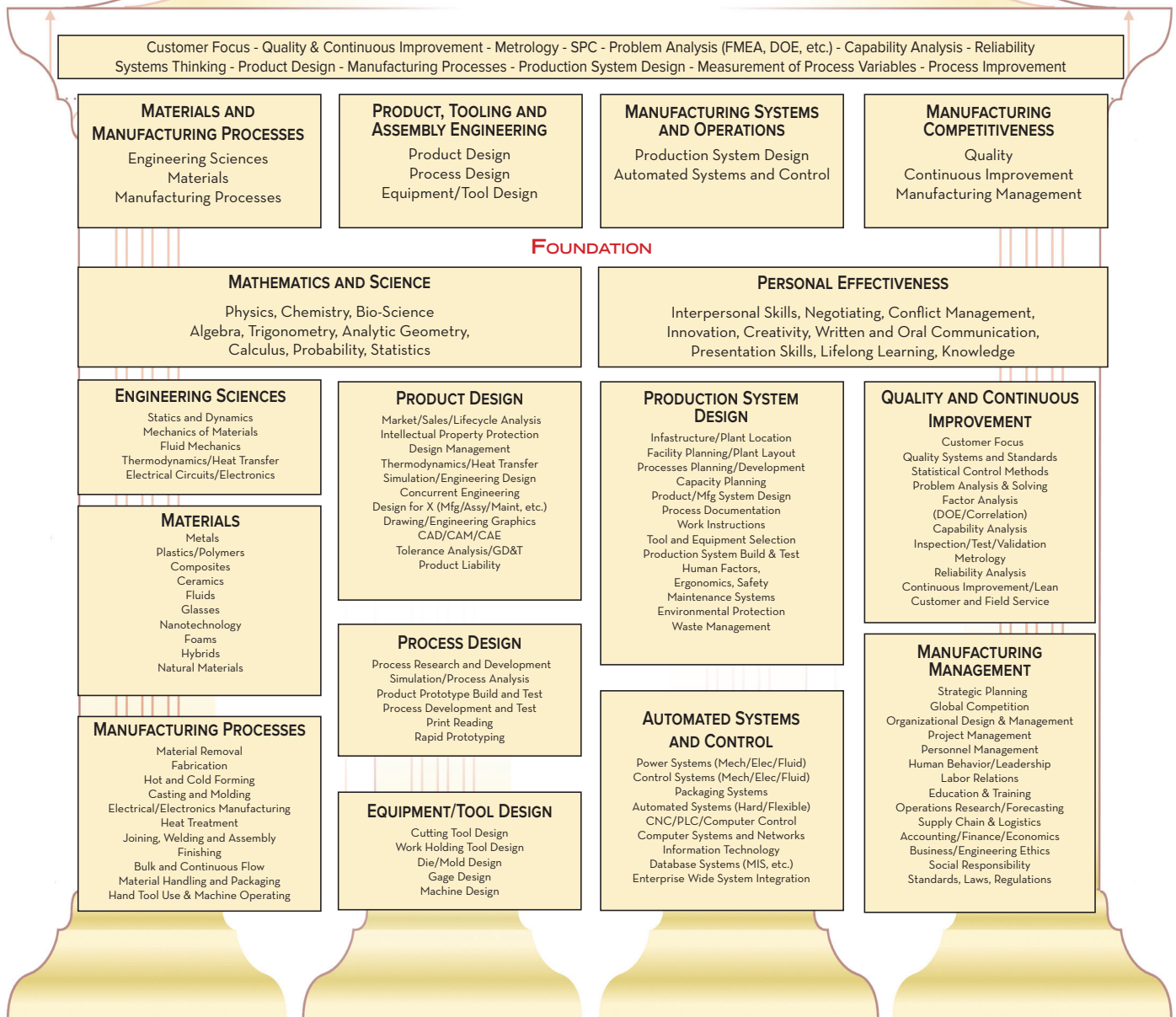
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