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Emergency Training: Mathematics for the Engineer during the Second World War.

During the Second World War, the US Department of Education offered emergency training courses through its Engineering, Science and Management War Training program. The program was meant to alleviate a shortage of engineers in defense related fields by providing the essential skills to new people entering the field or more advanced courses for those already in engineering. In the context of the war, the courses were condensed in format, essential in content, and free in tuition. This paper will analyze the ideology behind the program and how that impacted the mathematical training of engineers during the war. (Received February 20, 2018)