

Educating Microwave Engineers in the United States

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Three knowledge areas in which a Microwave Engineer needs to be educated are reviewed, and implementation means discussed. It is shown that Microwave Engineering education in the U.S. occurs primarily after receipt of the (Bachelor's) engineering degree. The inevitability of specialized academic education within the field of Microwave Engineering is pointed out. Overall results from a broadly based survey U.S. Electrical Engineering departments' Microwave Engineering programs are presented. They include information on Master's and Doctorate degrees awarded, faculty, and sources and of research funding. Additional reference sources which contain information on U.S. Microwave Engineering are identified. Opportunities for making educational improvements on the graduate level of this multifaceted engineering specialization, which centrally regulated, are pointed out and illustrated by an example.

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