2006-2059: PREPARING ENGINEERS FOR GLOBAL PRACTICE: A COMPARISON OF NORTH AMERICAN, ASIAN, EUROPEAN, AND LATIN AMERICAN APPROACHES

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Preparing Engineers for Global Practice: A Comparison of North American, Asian, European, and Latin American Approaches

Engineers practice their profession on a global scale. Thus, many engineering schools worldwide have developed programs of study to better prepare their graduates for global practice. The programs often reflect significantly different approaches that are driven by important national, regional, or local factors in the pre-college preparation of their students, the expectations for employment after graduation, or the general education requirements of the university or higher education system. This session presents four approaches to preparing engineering students for global practice from four corners of the world. A panel discussion follows the presentations comparing the commonalities and differences among the four approaches with the goal of developing a better transnational understanding of preparing engineering students for global practice.

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