



## Effective learning and teaching in engineering /

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Monografía

Sumario: Introduction: Reflecting on effective learning and teaching in engineering education -- Part 1: Why do students learn what they learn? 1. Engineering education and the pedagogy of awareness -- Part 2: What do we want students to learn? 2. What outcomes is Engineering Education trying to achieve? 3. Capabilities-driven curriculum design -- Part 3: How can we help students learn? 4. Case Studies in Engineering 5. Effective engineering education at a distance -- Part 4: How can assessment help student learning? 6. Personal Development Planning and Portfolio Building -- Part 5: Leading the change 7. Integrated Learning: One University's Approach to Change -- Part 6: Reflecting on reflecting 8. Beyond Reflection - where next for curricula which concentrate on capability?

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