

# TEACHING PROBLEM SOLVING - A TUTORIAL

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This tutorial addresses the issues associated with teaching problem solving skills as part of the computing curriculum. Problem solving models that have been used in other disciplines are asserted to be inadequate for computing related subjects. A multi-tiered problem solving paradigm is presented and related to the principal process oriented topics and activities in the computing curriculum. Specific conceptual models for implementing the proposed problem solving model are provided as are recommendations for integrating the proposed model into the curriculum.