P: H211 or C211. Honors version of C241. Credit given for only one H241 or C241. Induction and recursive programs, running time, asymptotic notations, combinatorics and discrete probability, trees and lists, the relational data model, graph algorithms, propositional and predicate logic. Honors participants will cover additional topics.

Professor Johnson earned his Ph.D. in computer science in 1983 at IU. His areas of interest include formal methods for systems, design derivation, parallel symbolic computation and scientific instrumentation.