SOFTWARE ENGINEERING (SOFT)

SOFT 423  Software Requirements  Units: 3.00
An integrated approach to discovering and documenting software requirements. Identification of stakeholders; customer, operator, analyst, and developer perspectives. Requirements elicitation. Transition from initial (informal) requirements to semi-formal and formal representations. Requirements analysis process; analysis patterns. Requirements specification techniques. Relation to architecture and user interface design; traceability of requirements. Alternately offered as CISC 423.
(Lec: 3, Lab: 0, Tut: 0)
Requirements: Prerequisites: CMPE 223 Corequisites:
CMPE 322 Exclusions: CISC 423
Offering Term: W
CEAB Units:
Mathematics 0
Natural Sciences 0
Complementary Studies 0
Engineering Science 24
Engineering Design 12
Offering Faculty: Smith Engineering

SOFT 437  Performance Analysis  Units: 3.00
(Lec: 3, Lab: 0, Tut: 0)
Requirements: Prerequisites: CMPE 324 (CISC 324) or ELEC 377, or permission of the instructor Corequisites:
Exclusions:
Offering Term: F
CEAB Units:
Mathematics 0
Natural Sciences 0
Complementary Studies 0
Engineering Science 24
Engineering Design 12
Offering Faculty: Smith Engineering