# Computer Engineering - CS106

**Section:** CS106 816252S Online
**Credit Hours:** 4.00
**Course Description:** An introduction to digital design concepts including: number systems, Boolean algebra fundamentals, Karnaugh maps, gates, flop-flops, shift registers, memories, etc.; basic engineering aspects of computer architecture; introduction to hardware description languages and imbedded systems.
**Course Notes:** Student should enroll in CS111 Visual Basic Programming and/or CS203 Discrete Structures at the same time.
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**WHEN** Start Date: 01/20/2026 End Date: 05/07/2026
**Days:**
Arranged
Arranged


**INSTRUCTOR**
NABIL ABDULLAH
**BOOKS**
Title: DIGITAL FUNDAMENTALS 11TH Edition
Author: FLOYD
Required: Yes