



Part-II Description of the Curriculum Change

1. New Syllabus of Record

I. Catalog Description

COSC 420 Modern Programming Languages

3c-01-3cr

Prerequisite: COSC 310

A comparative survey of programming language paradigms. Includes an examination of the properties, applications

and semantics of selected object-oriented, functional and declarative programming languages.

TEST 1

one class period

VIII. Special Resource Requirements:

None

IX. Bibliography:

Franklin, W. 1974. *Programming Language Design and Implementation (1/e)*. Prentice Hall

Sethi, Ravi *Programming languages: Concepts and Constructs (2/e)*, Addison-Wesley, 1996, ISBN #0-201-59065-4

Tucker, Allen and Noonan, Robert *Programming Languages: Principles and Paradigms*, McGraw Hill, 2007, ISBN #0-07-286609-8

Wilson, Leslie B. and Clark, Robert G. *Comparative Programming Languages (3/e)*, Addison-Wesley, 2001, ISBN #0-201-71012-9

2. Summary of the proposed revisions

Changes in this syllabus are indicated by a shaded background. Changes in this syllabus are indicated by a shaded background.