

Introduction to Languages
Standardization and Internationalization
Language Translation and Grammar
Regular Grammar
Recursive Descent Parsing
Introduction to LISP
Perl
Parameter Transmission
Heap Storage
Garbage Collection
Overview of C and C++
Introduction to Java

6. References. *[Provide 3 - 5 references on which this course is based and/or support it.]*

Sebesta, *Concepts of Programming Languages*, Addison-Wesley 5th edition ISBN: 02017529536
Pratt and Zelkowitz, *Programming Languages - Design and Implementation*, Prentice-Hall 4th edition,
ISBN: 0130276782

7. List Faculty Qualified to Teach This Course.

All Computer Science faculty.

8. Frequency.

a. Projected semesters to be offered: Fall Spring Summer

9. New Resources Required.

a. Computer (data processing), audio visual, broadcasting needs, other equipment

Use of existing computer lab.

b. Library needs

none

c. Facility/space needs

none

10. Consultation.

Attach consultation sheet from all program areas, Library, and others (if necessary)

11. If this new course will alter any degree, credential, certificate, or minor in your program, attach a program modification.

Proposer of Course

Date