

# NASA TECH BRIEF

*Langley Research Center*



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## FORTRAN Programming: A Self-Taught Course

The comprehensive Self-Taught Course in FORTRAN Programming begins with numerical systems and basic concepts, proceeds systematically through the elements of the FORTRAN language, and concludes with a discussion of programming techniques such as flow charting and debugging. The course is suitable either for individual study or for group study on an informal basis. Experience has shown that group study using the course is more effective when supplemented by periodic monitored reviews and a final exam.

Volume I is organized as a textbook, with frequent checkpoints and abundant examples. Parts I through IV cover the basic elements of the FORTRAN language and may serve as a course for the engineer or manager interested in acquiring a basic knowledge of the language without actually intending to program. Volume II is a workbook containing exercises and answers referred to in Volume I. While the manual is based on Control Data FORTRAN 2.3, it is generally applicable to other versions of the language.

### Note:

The following documentation may be obtained from:

National Technical Information Service  
Springfield, Virginia 22151  
Single document price \$3.00  
(or microfiche \$0.95)

### Reference:

NASA-CR-1478 (N70-25287, N70-25288),  
A Self-Study Course in FORTRAN Programming

### Patent status:

No patent action is contemplated by NASA.

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