Computer Science in the Early Years

Dennis J. Frailey
Purdue MS CS 1968; PhD CS 1971
680. ADVANCED PROGRAMMING SYSTEMS I, Sem. 2, Class 3, cr. 3. Prerequisite: CS MA 511 or MA 251, and MA 441; corequisite: CS 200 or equivalent knowledge of programing systems. Course examines the design and implementation of advanced programming systems, focusing on the development of efficient and maintainable code. Professors: Mayhew and Conti.


615. NUMERICAL SOLUTION OF PARTIAL DIFFERENTIAL EQUATIONS, Sem. 2, Class 3, cr. 3. Prerequisite: CS 515. Desirable: MA 523 or MA 520. The numerical solution of partial differential equations by finite difference methods; iterative methods (Gauss-Seidel, over-relaxation); alternating direction for solving elliptic equations; discretization and round-off errors; explicit and implicit methods for parabolic and hyperbolic systems; the method of characteristics; the concept of stability for initial-value problems. Professors Maybeer and Conte.

616. THE THEORY OF APPROXIMATION, See MA 616.

682. NUMERICAL SOLUTION OF PARABOLIC DIFFERENTIAL EQUATIONS, See ME 622.

684. RECURSIVE FUNCTIONS II, Sem. 2, Class 3, cr. 3. Prerequisites: MA 553, MA 554. Kleene hierarchies, of recursive sets, advanced theory of computability, recursive unsolvability types, advanced topics on Turing machines. Professors Boule and Korfage.

685. MATHEMATICAL LOGIC II, See MA 585.

686. SEMINAR ON TOPICS IN COMPUTER SCIENCES, Sem. 1 and 2, Class 1-5, cr. 0-5.

698. RESEARCH, M.S. Thesis.


MECHANICAL ENGINEERING

OFFICERS OF INSTRUCTION
P. W. McFadden, Head of the School


Assistant Professors: R. D. Gustafson, Ph.D.; M. R. L'Ecuyer, Ph.D.; J. B. Luk, M.S.M.E.; J. G. Stirn, Ph.D.; H. D. Thompson, Ph.D.

A AREAS OF GRADUATE STUDY, Graduate students in mechanical engineering may select a primary area of concentration in one or more of the following areas: automatic control; kinematics; dynamics; vibration; stress analysis; design; di-
ENAD (a few back offices)  
1962-1967

We didn’t fit – needed more space!
Match Sciences Building 1967-1985
(4th & 7th floors + computer center in basement)

We still didn’t fit – needed more space!
Haas Hall (Old Gymnasium)
1985-2006

We still didn’t fit – needed more space!
Lawson (the whole building)  
2006 - present  

We still don’t fit – need more space!
The Future?

Purdue College of Computer Science?

Purdue Computer Science University?

Will they finally have enough room?