COURSE DETAIL

DISCRETE MATHEMATICS

Country
Brazil

Host Institution
Pontifical Catholic University of Rio de Janeiro

Program(s)
Pontifical Catholic University of Rio de Janeiro

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Mathematics

UCEAP Course Number
130

UCEAP Course Suffix
E

UCEAP Official Title
DISCRETE MATHEMATICS

UCEAP Transcript Title
DISCRETE MATH

UCEAP Quarter Units
6.00

UCEAP Semester Units

4.00

Course Description
This course offers a study of discrete mathematics. Topics include: set theory, logic, functions, and relations; integers and the principle of induction; combinatory, basic counting rules; principle of inclusion and exclusion; discrete probability; graphs-- trees, flows in networks, pairings, Eulerian Hamiltonian, planar, and colored graphs.

Language(s) of Instruction
English

Host Institution Course Number
MAT 1310

Host Institution Course Title
MATEMATICA DISCRETA

Host Institution Course Details

Host Institution Campus
PUC-Rio

Host Institution Faculty

Host Institution Degree

Host Institution Department
Departamento de Matemática

Course Last Reviewed

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