

**Report on Mathematics “Bridge” courses for proofs for IMPAC.
By Cynthia Stubblebine, Chabot College 2-18-05**

UC, Berkeley

MATH 74 Transition to Upper Division Mathematics (3 S)

http://sis450.berkeley.edu:4500/catalog/gcc_list_crse_req?p_dept_name=Mathematics&p_dept_cd=MATH

UC, Santa Cruz

MATH 100 Introduction to Proof and Problem Solving (5 Q)

http://reg.ucsc.edu/catalog/html/programs_courses/mathCourses.htm

UC, Irvine

MATH 13 Introduction to Abstract Mathematics (4 Q)

<http://www.editor.uci.edu/04-05/ps/ps.6.htm>

UC, San Diego

MATH 109 Mathematical Reasoning (4 S)

<http://www.ucsd.edu/catalog/MathCou.html>

UC, Santa Barbara

MATH 8 A Transition to Higher Mathematics (5 Q)

<http://www.catalog.ucsb.edu/index2.htm>

San Francisco State University

MATH 301 Exploration and Proof (3 S)

<http://www.sfsu.edu/~bulletin/courses/25787.htm>

CSU, Sacramento

Math 108 Introduction to Formal Mathematics (3 S)

<http://aaweb.csus.edu/catalog/04-06/PROGRAM/MATH.pdf>

CSU, East Bay

MATH Introduction to Abstract Mathematics and Proofs (4 Q)

<http://www.csuhayward.edu/ecat/20042005/u-math.html#section12>

CSU, Bakersfield

MATH 300 Sets and Logic (5 Q)

<http://www.csub.edu/03-05Catalog/math.htm>

CSU, Channel Islands

MATH 300 Discrete Mathematics (3 S)

http://www.csuci.edu/academics/catalog/2004-2005/CSUCI_2004-2005_catalog.pdf

CSU, Chico

MATH 330 Methods of Proof (3 S)

<http://www.csuchico.edu/catalog/cat05/pdf/7AcademicPrograms/math.pdf>

CSU, Dominguez Hills

MAT 271 Foundations of Higher Mathematics (3 S)

<http://www.csudh.edu/Catalog/200405/Catalog2004-05.pdf>**CSU, Fresno**

MATH 111. Transition to Advanced Mathematics (3 S)

<http://www.csufresno.edu/catoffice/current/mathcrs.html#anchor55966829>**CSU, Fullerton**

MATH 280 Strategies of Proof (2 S)

http://www.fullerton.edu/catalog/Course_Search/Results.asp**Humboldt State University**

MATH 240. Introduction to Mathematical Thought (3 S)

<http://www.humboldt.edu/~catalog/><http://www.humboldt.edu/~jh1/m240syl.htm> Instructor's syllabus**CSU, Los Angeles**

MATH 325 Mathematical Notation and Proof (4 Q)

[http://catalog.calstatela.edu/NXT/gateway.dll?f=templates\\$fn=default.htm\\$3.0\\$vid=calstate:current](http://catalog.calstatela.edu/NXT/gateway.dll?f=templates$fn=default.htm$3.0$vid=calstate:current)**CSU, San Bernardino**

MATH 345 Number Theory and Proof (4 Q)

<http://catalog.csusb.edu/cat04-05%20.pdf>**CSU, San Bernardino**

MATH 355 Analysis and Proof (4 Q)

<http://catalog.csusb.edu/cat04-05%20.pdf>**San Diego State University**

MATH 302 Transition to Higher Mathematics (3 S)

<http://coursecat.sdsu.edu/catalog/MATH.pdf>**San Jose State University**

MATH 108 Introduction to Abstract Mathematics and Proofs (3 S)

<http://info.sjsu.edu/web-dbgen/catalog/courses/MATH108.html>**California Polytechnic State University, San Luis Obispo**

MATH 248 Methods of Proof in Mathematics (4 Q)

<http://www.calpoly.edu/~acadprog/coursedescri2003-05.html>**CSU, San Marcos**

MATH 350 Foundations for Theoretical Mathematics (3 S)

http://www.csusm.edu/academic_programs/catalog/2004-[06_Catalog/CSUSM_2004_working_ver.pdf#pagemode=bookmarks&zoom=100&page=137](http://www.csusm.edu/academic_programs/catalog/2004-06_Catalog/CSUSM_2004_working_ver.pdf#pagemode=bookmarks&zoom=100&page=137)

Sonoma State University

MATH 220 Higher Mathematics: An Introduction (3 S)

<http://www.sonoma.edu/ar/catalog/math.html#description>

<http://www.sonoma.edu/users/f/fordb/M220F04/>

CSU, Stanislaus

MATH 3420 Set Theory and Math Logic (2 1-4-1)

[http://www.csustan.edu/Admin_Services/Catalog/Degrees-n-Majors/Arts-Letters-n-](http://www.csustan.edu/Admin_Services/Catalog/Degrees-n-Majors/Arts-Letters-n-Sciences/Departments/Mathematics/index.html)

[Sciences/Departments/Mathematics/index.html](http://www.csustan.edu/Admin_Services/Catalog/Degrees-n-Majors/Arts-Letters-n-Sciences/Departments/Mathematics/index.html)