



Your name: _____

Date: _____

	<h2 style="margin: 0;">Class of 2011 Secondary Transcript Analysis Worksheet - Mathematics</h2> <p style="margin: 0; font-size: small;">Enclose this form with one official, sealed copy of all of your transcripts and mail to AUSL.</p>
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The Mathematics field requires 32 semester hours. Please fill in course names and your grade for each in the spaces below.

12 SH:

Calculus (6 SH) _____

Geometry (6 SH) (Note: Only 3 SH can be Analytic Geometry or Trigonometry)

20 SH including course work in all of the following areas:

Abstract/Modern Algebra (3 SH) _____

Linear Algebra (3 SH) _____

Discrete Math (3 SH) _____

Math Electives (8 SH) _____

Probability & Statistics (3 SH) _____

Check one:

___ Based on my review of my transcripts, I believe I have met all of the academic course work requirements above.

___ Based on my review of my transcripts, I believe I have the following gaps relative to the requirements (list subject and number of hours missing):

1. _____
2. _____
3. _____

AUSL is eager to support applicants interested in teaching secondary math, but who do not yet have the full 32 semester hours of college-level mathematics course work required to meet the Illinois state standards for teacher certification and thereby qualify for admission to our program. For secondary math candidates who complete the interviewing portions of our admissions process successfully, AUSL will provide tuition and test fee reimbursement of up to \$3000 to repay you for your costs to enroll in courses and/or fees for placement tests. If you are interested in participating in this special program, call Kathy Sosa-Tandoc at 773-534-0129.



Your name: _____

Date: _____

Mark below & submit documentation of appropriate content area & basic skills test status

____ I am registered to take the Illinois Test of Basic Skills on _____ (date).
Enclosed is a copy of the email registration from the testing service which confirms my registration for the test.

____ I am registered to take the _____ Content Area test (Test # ____) on _____ (date). Enclosed is a copy of the email registration from the testing service which confirms my registration for the test.

____ **I have passed one or both of the required tests. A copy of my results is enclosed.**

**Test registrations and/or test scores are needed to complete your file.
Please send in copies of official test scores as you receive them. Note the last test date to take state tests and still be considered for the AUSL program is April 17, 2010.**

Mail transcript analysis form & all supplemental documents to:

Academy for Urban School Leadership
Attn: Admissions Department
P.O. BOX 34990
Chicago, IL 60634



Class of 2011 Secondary Transcript Analysis Notes

Thank you for your interest in the AUSL Urban Teacher Residency Program! Our program will prepare you to be eligible to obtain your Illinois professional teaching certificate Type 09 - Secondary, which is valid for teaching children from grades six through twelve. Mail all requested materials to us by the Supplemental documents deadline for your chosen review cycle.

- 1) To complete the worksheet, obtain a copy of your transcripts from all of your college or university course work, including any post-graduate work.
- 2) "SH" stands for "Semester Hours." For most colleges and universities on a semester calendar, 1 Semester Hour = 1 credit, so a typical 3 credit, one semester course is worth 3 Semester Hours.
- 3) If your college or university was on the quarter system, use the following formula to convert quarter hour credits to semester hour credits:
 - 5 quarter hours = 3 1/3 semester hours
 - 4 quarter hours = 2 2/3 semester hours
 - 3 quarter hours = 2 semester hours
 - 2 quarter hours = 1 1/3 semester hours.
- 4) A grade of "C" or higher is required to receive credit for a course. Courses in which you received a grade of "C-" or lower are not considered as evidence of meeting requirements, and therefore should not be included on this form.
- 5) Some content area worksheets specify that a portion of the SH requirement must be from "upper level" work. This means courses that are typically for junior/senior college-level students.
- 6) If you are missing coursework, National-Louis University will permit AUSL Secondary residents to fulfill certain requirements through online or other class work, which you can arrange to complete before the program begins in June 2010.
- 7) If any of your transcripts and credits are from educational institutions outside the United States, you must have your transcript evaluated by a special external provider. Credits from overseas study sponsored by your U.S.-based institution, and which appear on your U.S.-based transcript, are not subject to this special review. You are responsible for having your foreign credentials evaluated. A listing of state-approved evaluators can be found at www.isbe.net/certification/html/foreign_credential.htm. Educational Credential Evaluators and World Education Services are the organizations most used.
- 8) If you received Advanced Placement credits from pre-college work, you may only use these semester hours towards the requirements on the worksheet if you received college credit for them and it appears on your college or university transcript.



Guidelines for Coursework descriptions

1. CALCULUS (6 semester hours)

These courses should cover the topics of limits, continuity, differentiation and applications of integration and possibly some topics from analytic geometry. The courses meeting this requirement should be sequential in nature.

2. GEOMETRY (6 semester hours)

Courses within this area should contain the study of axiom and postulate-based deductive systems, Euclidean geometry transformations, non-Euclidean geometry transformations, tessellations, polyhedral and other related topics. Courses such as projective, affine and topology fit here. Three semester hours of an analytic geometry or trigonometry can be placed here. The remaining three semester hours of geometry must be upper (300/400/graduate) level.

3. MODERN/ABSTRACT ALGEBRA or NUMBER THEORY (3 semester hours)

Courses within this area should contain the analysis and explanation of procedures used for operations involving integers, rational, real and complex numbers. Courses can also contain number theory, comparisons of numbers and number systems, and representation/application of complex numbers. Courses with titles such as group theory, ring theory, differential equations, finite math, and field theory will also fit in this area.

4. LINEAR ALGEBRA (3 semester hours)

The content of the course should include matrices and their operations, solutions of systems and equations, vector spaces, linear transformation, eigenvalues and eigenvectors and applications of linear algebra. A course in matrix algebra or matrix theory will fit in this area.

5. DISCRETE MATHEMATICS (3 semester hours)

Coursework within this area will involve the elements of graph theory, recurrence relations, finite difference approaches, linear programming and combinatorics. Coursework can also contain discrete structures and the application of algorithms. Courses with titles such as finite math, symbolic logic, data structures and discrete structures would also fit in this area.

6. PROBABILITY & STATISTICS (3 semester hours)

Coursework in this area should contain the treatment of topics such as counting, permutations, combinations, sample spaces, relative frequency probability, random variables, confidence intervals, inferential statistics, distributions and correlation. A statistics in other areas (business, economics, etc.) may be placed here.

7. MATH ELECTIVES (8 semester hours)

Coursework in this area could vary greatly. Courses with titles such as applied math, differential equations, history of math, numerical analysis, computer science (must be math-based), multivariable calculus, modeling, math functions, complex structures and math structures will fit in this area.



Admissions Process Timeline	First Deadline	Second Deadline	Third Deadline	Fourth Deadline
Submit Complete online application	October 15, 2009	December 15, 2009	February 15, 2010	April 1, 2010
Submit all supplemental documentation postmarked by:	October 31, 2009	December 31, 2009	February 28, 2009	April 15, 2009
Attend an Information Session by:	November 1, 2009	January 1, 2010	March 1, 2010	May 1, 2010
Notification of application status by:	November 15, 2009	January 15, 2010	March 15, 2010	May 3, 2010
Date by which to call if application status is not received:	November 23, 2009	January 25, 2010	March 29, 2010	May 10, 2010
For those invited, notification of first interview by:	December 1, 2009	February 1, 2010	April 1, 2010	May 15, 2010
For those invited, notification of half-day second interview by:	December 15, 2009	February 15, 2010	April 15, 2010	June 1, 2010
Notification of FINAL acceptance status:	One to two weeks after half-day second interview			
Apply for 2010-2011FAFSA:	As soon as possible after January 1, 2010			