

Engineering, Mathematics and Physical Sciences Division

TRANSFER DEGREES PROGRAM GUIDELINES

AAT Degree I7AB – Area of Concentration: Mathematics – Teaching in Secondary Math

**AREA OF CONCENTRATION:
MATHEMATICS – TEACHING IN
SECONDARY MATHEMATICS**

I. College Requirements[^]

II. General Education Requirements

A. Communication Arts9
 CMM 121 Fundamentals of Speech3
 ⊗ ENG 121 English Composition I3
 ⊗ ENG 122 English Composition II **or**
 ⊗ ENG 126 Advanced Composition: Scientific
 and Technical Composition3

B. Social Sciences.....16
 EDU 121 Introduction to Teaching3
 EDU 122 Observational/Clinical
 Experience in Education1
 EDU 222 The Exceptional Child3
 PSY 121 Introduction to Psychology3
 PSY 226 Adolescent Development3
 Social Science Elective* (non-PSY)3

C. Physical and Life Sciences9
 BIO 161 General Biology I4
 PHY 123 Physics for Science
 and Engineering5

D. Mathematics16
 MTH 145 Calculus and Analytic Geometry I5
 MTH 146 Calculus and Analytic Geometry II.....4
 MTH 225 Linear algebra3
 MTH 246 Calculus and Analytic Geometry III4

E. Humanities and Fine Arts9
 PHI 122 Logic3
 Fine Arts Elective*3
 Humanities or Fine Arts Elective*3

F. Computer Science.....3
 MCS 140 Computer Programming for
 Engineers and Scientists3

III. International/Multicultural Requirement (I/M)

Select one course from the I/M list on page 49. This course can fulfill both the I/M requirement and a Social Science, Humanities, Fine Arts or Elective requirement. A BA degree at many four-year colleges may require college-level foreign language.

IV. Total Hours Required for AAT in Secondary Math ..62

The Associate in Arts in Teaching Secondary Mathematics degree is not automatically accepted in whole for transfer at all participating IAI four-year colleges and universities in Illinois; therefore students must work with the institutions in which they intend to transfer to ensure transferability of specific courses.

Students must pass the Illinois Test of basic Skills (ITBS) in order to be awarded the AAT degree.

For more information on recommended courses or program specific advising, contact the following faculty or the EMPS Division at (847) 543-2044:

Amy Curry Tracey Hoy

**RECOMMENDED
COURSE OF STUDY**

Students are **strongly encouraged** to meet with a counselor or advisor to identify coursework that will meet both CLC and transfer requirements.

[^] See page 49 for College Requirements / ⊗ A grade of C or better is required for all English course requirements. / * See pages 52-61 for Course Selections