

# ACADEMIC FOUNDATIONS PROGRAM

The Academic Foundations Program provides assistance to students who need additional background work in mathematics, reading, and/or writing. Courses in this program carry college credits, but only those numbered 100-level or higher count toward the 120 credit hours needed for graduation.

The placement of students into specific All University Requirement (AUR) courses is based upon performance on placement tests administered by the University Advisement Center. The tests measure skills in reading, composition, computation, elementary algebra, and college-level mathematics. The placement tests are designed to help students by providing information about individual skills in language arts and mathematics. This information is used to determine if students need help in particular areas in order to succeed in college-level work and to assist in placing students in particular courses suited to their skill levels.

All incoming freshmen seeking a degree are required to take the placement tests, as is any student who registers for a course that would result in the accumulation of 12 or more credits and any freshman transfer student who has not taken the tests. Some students may be exempt from parts of testing. Criteria for exemption from testing can be found at <http://www.njcu.edu/admissions/university-advisement-center/testing-services>. (<http://www.njcu.edu/admissions/university-advisement-center/testing-services/>)

There is no fee for taking the test. Students are tested only after they have been admitted to the University.

## **ENGL 95 Accelerated Learning Program Developmental Composition I (2 Credits)**

The Accelerated Learning Program Developmental Writing I course is a 2.0 credit companion to the 4.0 credit English 101 course. The ALP track is designed to move students swiftly through intensive, critically rigorous 6-hour versions of the required college level composition courses. The course reinforces college level writing skills introduced but not yet mastered in previous composition classes.

**Co-Requisite:** ENGL 101

## **ENGL 96 Accelerated Learning Program Developmental Composition II (2 Credits)**

The Accelerated Learning Program Developmental Writing II course is a 2.0 credit companion to the 4.0 credit English 102 course. The ALP track is designed to move students swiftly through intensive, critically rigorous 6-hour versions of the required college level composition courses. The course reinforces college level writing skills introduced but not yet mastered in previous composition classes.

**Pre-Requisite(s):** ENGL 101 and Co-Requisite ENGL 102

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## **INTD 101 Orientation to College (1 Credit)**

Incoming students are referred to this course on the basis of their placement test performance. All incoming students with two or more skill deficiencies are required to take this course. The purpose of the course is to provide students with a highly supportive environment in which to explore their personal and career goals and to obtain specific information about various aspects of the University including but not limited to academic advisement, registration, academic and student support services, academic programs, and financial aid.

## **INTD 105 Reading & Writing Across Disciplines (2 Credits)**

Reading and Writing Across the Disciplines (RWAD) is designed for students who enter the University in need of developmental work in reading and writing. Students whose Reading placement scores require them to take Reading for College and whose English placement scores indicate that they are not yet eligible for English Composition I are eligible to take this basic skills-building course.

## **INTD 106 Reading and Writing across the Disciplines II (2 Credits)**

An extension of RWAD I, RWAD II is designed for students who enter the university needing developmental work in reading and writing. Students whose placement scores indicate that they have passed RWAD I but are not yet eligible for English Composition I are required to take this basic skills-building course.

**Pre-Requisite(s):** INTD 105 Reading & Writing Across Disciplines

## **INTD 120 Computer as a Tool (1 Credit)**

All incoming students are required to demonstrate a basic, introductory level knowledge of the computer. This can be accomplished by passing a challenge exam, or taking this Computer as a Tool. This course is designed to present an overview of the capabilities of the computer and those applications with the most direct impact on the student's college experience. The following topics will be covered: word processing as an aid in writing; data bases and their uses; computer graphics generation and its use in graphic art and business, and the computer as a tutor/alternative tool for learning.

## **INTD 121 Computer as a Tool -English as a Second Language (2 Credits)**

This two credit course is designed to: 1) present an overview of the personal computer, 2) familiarize students with current versions of various software applications such as Microsoft Works, Netscape Navigator, and Eudora; and 3) introduce the Internet, e-mail, and the World Wide Web (the Web). The course helps English as a Second Language students develop their own overall language skills (reading, listening, writing and speaking) so they can function in an academic environment. Word processing, database, spreadsheet, e-mail and the Web are all covered in this course.

## **LTED 101 Reading & Study Skills (3 Credits)**

This course focuses on reading improvement and on the development of academic literacy. Students learn to use textbooks with both understanding and efficiency and receive instruction in such study strategies as note-taking and test-taking. Major emphasis is placed on preparing students for academic success. Both personalized and cooperative instruction techniques are employed.

## **LTED 102 Critical and Efficient Reading (3 Credits)**

This course helps students develop critical reading-thinking skills in order to analyze and evaluate printed materials encountered in an academic setting. Personalized and group instruction techniques are employed in this course.

## **LTED 109 Learning Strategies (3 Credits)**

This course offers strategies for systematic study in particular academic disciplines. There is a focus on addressing the needs of individual students enrolled in a paired core course.

## **MATH 90 Developmental Mathematics (4 Credits)**

Course develops the computational and algebraic skills that are necessary for success in college. Topics include operations and applications of whole numbers, integers, rational numbers, and percentages; operations with signed numbers; algebraic expressions; equations and inequalities; graphs of linear equations; basic geometry; and an introduction to descriptive statistics.

**MATH 91 Math Lab (1 Credit)**

**MATH 95 Basic College Mathematics (3 Credits)**

This course develops computational skills involving operations and applications of whole numbers, integers, and rational numbers, with an emphasis on use of calculators. Short introductions to the areas of algebra, geometry, statistics, and graphical interpretation are included. This is a 3-hour, 3 non-college credit course and the only grades earned are P (Passing) and R (Repeat).

**MATH 96 Beginning Algebra (2 Credits)**

This course develops the algebraic skills necessary for success in Algebra for College Students. Topics include: linear equations and inequalities in one and two variables and applications; basic operations with exponents and polynomials; linear functions, their graphs, and applications; square roots and radical expressions; solving quadratic equations.

**Pre-Requisite(s):** MATH 90 and Co-Requisite(s): MATH 106

**Co-Requisite(s):** MATH 106

**MATH 97 Math Express (1 Credit)**

This course is designed for students who received a grade of "R" in MATH 095 but almost passed. It has the same syllabus as 095. Instructor recommendation is required. This course can also be taken by other students who almost passed the placement exam. Recommendation from Testing Office and Math Academic Foundations Coordinator is required. This is an intensive (one-week) course which is usually offered during the Winter Intersession, the week before Summer Session I, and at the end of August.

**MATH 98 Algebra for College (4 Credits)**

This course is an introduction to algebra which concentrates on graphic representation, problem solving, and the use and manipulation of polynomials and other algebraic expressions to model and interpret real-life situations. The central themes are the applications of linear and quadratic relationships. This is a 4-hour, 4 non-college credit course and the only two grades are P (Passing) and R (Repeat).

**Pre-requisite:** MATH 095 Basic College Math or COMP EXAM

**MATH 99 Algebra Express (1 Credit)**

This course is designed for students who received a grade of "R" in MATH 098 but almost passed. It has the same syllabus as MATH 098. Instructor recommendation is required. This course can also be taken by other students who almost passed the placement exam. Recommendation from Testing Office and Math Academic Foundations Coordinator is required. This is an intensive (one-week) course which is usually offered during the Winter Intersession, the week before Summer Session I, and at the end of August.