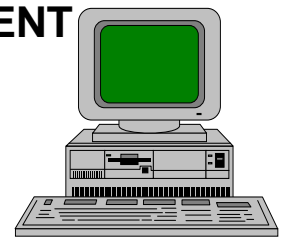


# FLORIDA COLLEGE ENTRY-LEVEL PLACEMENT ASSESSMENT PROGRAM



## COMPUTERIZED PLACEMENT TESTS

### Indian River Community College - Assessment Center

#### CPTS

The State of Florida has selected a common entry placement test for all students beginning college course work. The Accuplacer Online, a computer adaptive test, commonly referred to as CPT, is untimed and is given in the Assessment Center or at any IRCC Campus throughout the semester. As the name suggests, the student reads the instructions and questions on a computer monitor and selects answers using the computer. If the student answers correctly, the computer selects a question from a large data bank which builds on the skill of the previous correct answer. If the student answers incorrectly, it selects a question of equal or lesser difficulty. Computerized Placement Tests (CPTs) provide information about *reading comprehension, English, and mathematics* skill accomplishments. These tests help to determine the most appropriate courses for each student. Because these test scores determine initial course placement at IRCC, the test should be taken very seriously. **The Assessment Center is located in W Building, Room 109.**

#### READING

#### COMPREHENSION

This test measures how well the student understands what he/she reads. Some questions are of the sentence relationship type in which one must choose how two sentences are related. Other questions test recognizing distinctions between main and secondary points and making simple deductions from a series of facts. Specific skills to be tested are main ideas supporting details, words in context, author's purpose and tone, relationships within and between sentences, fact and opinion, inferences, and conclusions. **There are 20 items on the Reading Comprehension test.**

#### SENTENCE SKILLS

Two kinds of questions are given in this test. Sentence correction questions ask the student to choose a word or a phrase to substitute for an underlined portion of a sentence. Construction shift questions ask that a sentence be rewritten in a specific way without changing the meaning. Specific skills to be tested are word choice, sentence structure, grammar, and punctuation. **There are 20 items on the Sentence Skills test.**

#### ELEMENTARY ALGEBRA

The Elementary Algebra Test measures skills in three categories. The first, operations with integers and rational numbers, includes computations with integers and negative rationals, the use of absolute values, and ordering. The second category, operations with algebraic expressions, test skills with the evaluation of simple formulas and expressions, and adding and subtracting monomials and polynomials, the evaluation of positive rational roots and exponents, simplifying

algebraic fractions, and factoring. The third category tests skills in equation solving, inequalities, and word problems. These questions include solving systems of linear equations, the solution of quadratic equations by factoring, solving verbal problems presented in algebraic content, geometric reasoning, the translation of written phrases into algebraic expressions, and graphing. **There are 12 items on the Elementary Algebra test.**

#### COLLEGE-LEVEL MATHEMATICS

A score on the Elementary Algebra test of 90 - 120 is required in order to take the optional College-Level Mathematics test which assesses proficiency from intermediate algebra through precalculus. Six categories are covered. The first category, algebraic operations, includes simplifying rational algebraic expressions, factoring and expanding polynomials, and manipulating roots and exponents. The second category, solutions of equations and inequalities, includes the solution of linear and quadratic equations. Coordinate geometry asks questions about plane geometry, the coordinate plane, straight lines, conics, sets of points in the plane, and include complex numbers and series and sequences, determinants, permutations and combinations, fractions, and word problems. The last category, functions and trigonometry, presents questions about polynomial, algebraic, exponential, logarithmic and trigonometric functions. **There are 20 items on the College-Level Mathematics test.**

**See Reverse Side for Placement Scores**

## COST

Students who do not have current test scores on file (2 years or less) will register for the **full test battery (Reading Comprehension, Sentence Skills, Elementary Algebra, and optional College Level Mathematics) and pay a \$10 fee.** Students may retest every 45 days on individual subtests and pay \$10 each time they test. The student will register for the test at Student Services or at one of the IRCC Campus offices. Main Campus students must pay fees at the Cashier's Office, located in the "W" Building. The student will then take the validated receipt and photo ID to the Assessment Center in W-109 when he/she decides to take the test. A paid receipt is valid for one year. The tests will be administered based on space availability.

## ASSESSMENT CENTER HOURS

Main Campus - Fort Pierce

Monday - Thursday  
8:00 a.m. - 5:30 p.m.

Friday  
8:00 a.m. - 12 noon

Consult Chastain, Mueller, Dixon Hendry, and St. Lucie West campuses for test dates and times.

Testing under "special conditions" will be handled individually through the Office of Student Disabilities and the Assessment Office.

## RETEST POLICY

A student must wait for at least 45 days to elapse before retesting on the CPT or any individual subtest previously tested on during that 45-day period. Scores will be voided if a student retests before the 45-day retest period.

## SCORES FOR COURSE PLACEMENT

### English

**20 - 60**

- \* ENC 0080, Basic English Review  
or
- \*\* EAP 0380, Grammar and Writing I

**61 - 82**

- \* ENC 0001, Fund of Writing  
or
- \*\* EAP 0480, Grammar and Writing II

**83 - 120**

ENC 1101, English Composition I  
and  
REA 1204, Adv Col Reading I

### Reading

**20 - 57**

- \* REA 0001, Col Prep Reading I  
or
- \*\* EAP 0320, Reading and Writing I

**58 - 82**

- \* REA 0002, Col Prep Reading II  
or
- \*\* EAP 0420, Reading and Writing II

**83 - 120**

REA 1205, Adv Col Reading I  
Recommended, Not Required

- \* College Preparatory Credit (does not apply towards degree program)
- \*\* For Foreign born students who speak a native language other than English.

COURSE PLACEMENT SCORES ARE  
SUBJECT TO CHANGE

### Elementary Algebra

**20 - 42**

- \* MAT 0012, Pre-Algebra

**43 - 71**

- \* MAT0024 Intro to Algebra

**72 - 120**

MAT 1033, Intermediate Algebra

### College-Level Mathematics

**30 - 43**

MGF 2106, Math for Lib Arts I  
or  
MTG 2204, Elem Geometry

**44 - 59**

MAC 1105, College Algebra  
or  
STA 2023, Elem Statistics I

**60 - 89**

MAC 1140, Pre Calculus Algebra  
or  
MAC 2233, Business Calculus I  
or  
MAC 1114, Plane Trigonometry

**90 - 120**

MAC 2311, Calculus I with Analytic  
Geometry

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PSHOP/MISC/CPT NEWSLETTER