Mathematics

College BASE divides mathematics into three clusters: general mathematics, algebra and geometry. The general mathematics cluster assesses computational skills, knowledge of basic mathematical concepts and notational systems, and the ability to use techniques of statistical reasoning. The algebra cluster assesses ability to solve linear equations, inequalities, and quadratic equations and to reduce numerical expressions to their lowest terms. The geometry cluster assesses knowledge of basic geometrical concepts and ability to use those concepts in calculations. Students may bring their own handheld, non-printing calculator and use it for any of the mathematics problems, but they may not share calculators or use any instructional material.

Application Procedure

Complete the attached form and submit it and the fee to Chris McConville at the Education Department Office. At the time of registration you will be given a copy of Student's Guide to College BASE: National Edition. This guide will provide you with additional information about College BASE, how to prepare for it, exam procedures, and what you will need for the exam.

Cost: $30.00 for all sections of test or $15 for retake of one section (personal check, cashier's check, or money order; cash in the exact amount only – no change is available in the office).

Payment is required at time of registration

******** Checks should be payable to Central College *******

NOTE –
• Those requiring accommodations must see Joy Prothero at least 2 wks prior to the test date.
• Application Deadline: September 13, 2013
• Administration Date: September 21, 2013
• Time: 8:30 AM — please arrive early.
• Location: Roe Center (Education Dept. on ground floor)

For the C-BASE on Sept 21, 2013 remember:

⇒ a photo ID & your social security number
⇒ #2 pencils.
⇒ BE ON TIME – no one will be admitted after 8:30 AM
Registration for C-BASE
This registration is for September 21, 2013

Those requiring accommodations must make arrangements with Joy Prothero (628-5130) at least 2 weeks before test date.

Name: _____________________________________________
Student ID#: ________________________________________
Campus PO Box #: ___________________________________
Home address: _______________________________________
  City__________________ State______ zip__________
e-mail: _____________________________________________
Central or a Cell phone #: ______________________________
Faculty Advisor: _____________________________________
This is my ___1st ___2nd ___3rd ___4th time to take C-BASE
I am registering for: ____the entire test ($30)    _____ a retake of
  only a section ($15) (Check which section)
    _____ English/Writing    _____ Math

If you require accommodations you must contact Joy Prothero 2 weeks prior to the test date.

Complete the above information and give this form and a check payable to Central College or cash in the exact amount (no change is available at the office) to:
  Ms. Chris McConville
  Central College
  Campus Box 0126, 812 University St.
  Pella, IA 50219

 ➩ Be sure to ask for your copy of the Student's Guide to C-BASE when you register.
 ➩ Remember on the day of the exam:
  ● to be on time!  ● bring #2 pencils
  ● have a photo ID with you & your Social Security number!

C-BASE – Sept. 21, 2013 – 8:30 AM
Location: Education Dept.–Roe Center ground floor

The state of Iowa require that all students entering teacher preparation programs pass a standardized test of basic skills. Central College reviewed several options and selected the College BASE testing program.

College BASE is a criterion-referenced academic achievement examination that evaluates knowledge and skills in English, mathematics, science, and social studies. The examination consists of 180 multiple-choice items in four subject areas. An essay prompt is also used to assess students' writing ability. Central College requires and administers only the English, writing, and mathematics sections. In addition to traditional subject scores, College BASE assesses competency in the higher order thinking skills. Student score reports are mailed directly to each student and are also sent to the College.

The administration time per subject is approximately 45 minutes, plus 40 minutes for the essay prompt. Thus the total administration time at Central College, including breaks, is approximately 2.5 hours.

Each of the subjects—English and mathematics—is organized into levels of increasing specificity. Each subject is divided into two or more clusters; each cluster is made up of several closely related skills; and each skill is defined by two to six highly specific subskills.

Interpreting College BASE Scores

College BASE numeric scores range from 40 to 560 points. This scale has been designed so that a score of 300 will always be the mean (average) for the entire group of examinees. The averages for a given institution, however, are likely to differ from the averages for the entire group. At Central College the required minimum score for each section is 235.

English

College BASE divides English into two clusters: reading and literature, and writing. The reading and literature cluster evaluates students' reading comprehension skills and students' knowledge of major literary terms, genres, figures, and works, with emphasis on British and American literature. The writing cluster evaluates students' prewriting, composing, and revising skills through a combination of multiple-choice questions and an essay.