

## 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 hand-held, 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 Natalie Spray 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 Melanie Hatch at ([hatchm@central.edu](mailto:hatchm@central.edu)) least **10 days prior to the test date**.
- Application Deadline: **February 21, 2018**
- Administration Date: **February 24, 2018**
- Time: **8:30 AM** — please arrive early.
- Location: **Roe Center 145**

For the C-BASE on February 24, 2018 remember:

- |   |                              |
|---|------------------------------|
| ➔ | • a <b>photo ID</b>          |
| ➔ | • #2 pencils.                |
| ➔ | • <b>ARRIVE BY 8:15 A.M.</b> |

Central  
College  
— 1853 —

Education Department

# C-BASE

Registration Form

*(Application deadline: February 21)*

SATURDAY

February 24, 2018

8:30 AM

Roe Center  
Room 145

# Registration for C-BASE

This registration is for **February 24, 2018**

**Those requiring accommodations must make arrangements with Melanie Hatch ([hatchm@central.edu](mailto:hatchm@central.edu)) at least 10 days 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 \_\_\_\_\_ 1<sup>st</sup> \_\_\_\_\_ 2<sup>nd</sup> \_\_\_\_\_ 3<sup>rd</sup> time to take C-BASE

I am registering for: \_\_\_\_\_ the entire test (\$30) \_\_\_\_\_ a retake of only a section (\$15)

**If you require accommodations you must contact Melanie Hatch 10 days prior to the test date.**

(*Check which section*)

\_\_\_\_\_ English/Writing

\_\_\_\_\_ Math

Complete the above information and submit this form with a **check** payable to **Central College** or cash **in the exact amount** (no change is available at the office) to:

**Ms. Natalie Spray, Office Manager  
Education Department  
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:

- be early!
- bring #2 pencils
- have a photo ID with you!

## C-BASE – Feb. 24, 2018 – 8:30 AM

Location: Roe Center Room 145

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**. If a candidate fails one or more section of the CBASE exam, he/she may retake that section for a total of up to three attempts on each section. **If after three attempts on a specified section, the candidate still has not achieved a score of 235 or higher, the candidate will be counseled out of Education and advised in other relevant and desirable majors on campus.**

### 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.