

Gordon Associates, LLC

Ronald J. Gordon, EdD
16382 Lawrence 2170
Aurora, Missouri 65605
Phone: 417-678-0946
FAX:417-678-0491
rgordon@docgord.com
<http://www.docgord.com>
Taxpayer ID: 74-3086543

Cerro Coso College

Background questions and weights for multiple measures.

Math Department

All Math Students

How many years has it been since you were enrolled in a formal mathematics course?

- Less than 1 year +.01
- 1 to 3 years +.01
- More than 3 but less than 5 years.....0
- At least five but less than 7 years..... -.01
- More than 7 years..... -.01

This question will be used to identify the Young and Mature students shown below

Please select from the list below the highest math class that you intend to take.

- Not enough to meet the graduation requirement..... -.02
- Enough to meet the graduation requirement.....0
- Trigonometry +.01
- Precalculus +.01
- Beginning Calculus..... +.01
- Advanced math beyond beginning calculus +.02

Math Students Out of School Less Than 5 Years Only

Please select from the list below the highest math class you have completed with a grade of “C” or higher.

- Basic math or pre-algebra -.02
- Elementary Algebra (algebra 1)..... -.01
- Geometry.....0
- Intermediate Algebra (Algebra 2).....0
- College or AP Algebra..... +.01
- Trigonometry, pre-calculus, or calculus +.02

What was the grade in your last formal math class?

- A..... +.01
- B..... +.01
- C or Credit.....0
- D..... -.01
- F or No credit..... -.01

Mature Math Students Only (5 years or more)

How much do your work or personal life require you to use math?

- I use math daily +.02
- I use math at least weekly +.01
- I use math only once in a while.0
- I seldom or never use math.0

Which of the following best describes you when you encounter the need to do mathematical calculations such as computing a discount by percentage or figuring the tip on a restaurant check?

- I do those kinds of calculations in my head..... +.01
- I can do those kinds of calculations with pencil and paper..... +.01
- I need a calculator for those kinds of calculations.....0
- I can't do those kinds of calculations at all..... -.01

Both Math and English Students

Which of the following best describes you as a student?

- I have clear educational goals and a plan to achieve them +.02
- I have educational goals but I need help with a plan to achieve them..... +.02
- I don't have clear educational goals, but I enjoy learning and doing well in classes . +.01
- I don't have clear goals, and I am taking classes to help set them0
- I am taking classes hoping I will find something I like to do0

Which action below best describes you when you have trouble in a class?

- I've never had trouble in a class..... 0 (was +.02)
- I seek help from the instructor during office hours +.03 (+0.02)
- I go to the tutoring center..... +.02**
- I get help from someone I know is doing well in the class..... +.01
- I try to get help from friends or family members..... -.02 (-.01)
- I struggle through on my own, knowing that eventually I will catch on..... -.01 (-.02)
- I drop the class..... 0

Typically, successful students spend about 2 hours on study and homework for each hour they spend in class. For example, a student enrolled in 15 units (15 hours of class per week) would spend about 30 hours per week on homework and study.

How many hours per day can you commit to study for each unit you are enrolled?

- 1 hour or less -.02
- 1 to 1-1/2 hours +.01
- 1-1/2 to 2 hours +.02

| | |
|--|-----|
| 2 to 2- ¹ / ₂ hours | +02 |
| More than 2- ¹ / ₂ hours | -01 |

Please select the answer below which best describes your work and school situation.

| | |
|---|-----|
| Work 10 hours per week or less and enroll in 6 units or less | +01 |
| Work 10 hours per week or less and enroll in 7 to 12 units | +02 |
| Work 10 hours per week or less and enroll in more than 12 units | +01 |
| Work 11 to 24 hours per week and enroll in 6 units or less | +01 |
| Work 11 to 24 hours per week and enroll in 7 to 12 units | +01 |
| Work 11 to 24 hours per week and enroll in more than 12 units | 0 |
| Work more than 24 hours per week and enroll in 6 units or less | +01 |
| Work more than 24 hours per week and enroll in 7 to 12 units | 0 |
| Work more than 24 hours per week and enroll in more than 12 units | -02 |

English/Reading Students Only

How many hours per week do you spend reading in English material other than newspapers, magazines, and textbooks?

| | |
|--|-----|
| Less than 1 hour per week | -02 |
| 1 to 3 hours per week | -01 |
| More than 3 but less than 5 hours per week | 0 |
| More than 5 but less than 7 hours per week | +01 |
| More than 7 hours per week | +02 |

Which choice below best describes you when you read textbooks or other complex information?

| | |
|--|-----|
| I seldom really understand what I read no matter how many times I read it..... | -01 |
| I usually need to read material several times before I understand it well..... | -01 |
| Sometimes I understand what I read the first time through, but often I must reread it. ... | 0 |
| I usually understand what I read if I take notes or highlight passages | +01 |
| I always understand what I read the first time through..... | +02 |

Younger Students (Less than 5 years out of school) English/Reading

What was the highest level of English you completed with a grade of “C” or higher?

| | |
|---|-----|
| Sophomore English or lower | -02 |
| Junior English | -01 |
| Senior English..... | +01 |
| AP or Honors English..... | +02 |
| Advanced writing or literature course beyond Senior English | +02 |

What grade did you receive in your last formal English class?

| | |
|----------------------|-----|
| A..... | +01 |
| B..... | +01 |
| C or Credit..... | 0 |
| D..... | -01 |
| F or No Credit | -01 |

Mature students Only (5 or more years out of school)

Mature students, English Only

How often do you write multiple-paragraph communications (messages, letters, reports, etc.) that must be read and understood by others, excluding close friends?

| | |
|---|-------|
| Almost daily in my work and daily routine | + .02 |
| Several times per week | + .02 |
| A few times per month | + .01 |
| Several times per year | 0 |
| I do not write items others must read | - .01 |

Mature students, Reading Only

How confident are you when you must discuss with others something you have read, such as a technical report, an article in a journal or magazine, or a memo?

| | |
|---|-------|
| I don't feel confident enough to participate in such discussions | - .01 |
| I can participate sometimes, but often I am not confident doing so | - .01 |
| I usually can participate with confidence, if I've had time to review or reread | + .01 |
| I always feel confident in such discussions. | + .01 |