

WHAT ARE FRESHPERSON STUDENTS LIKE?

SKILLS STUDENTS LACK/ poor math prep/study problems

Bad past experiences

Inexperienced

Ignorant of math time demands

Bad study habits

Lack of number sense

Bad past math instruction

Some students are just rusty

Cling to old, bad short cuts

Ignorant of success requirements

Poor reasoning skills

No confidence

OUTSIDE HELP STUDENTS NEED/ Emotional

Paranoid

Anxious

nervous

Emotional problems

learning disabilities

passive

embarrassed to admit ignorance

STUDENT'S OUTSIDE PROBLEMS WE CAN DEAL WITH/self

esteem/attitude/bad math

not self propelled

embarrassed to admit ignorance

lack of commitment

lack of motivation

lack of involvement

dislike math

intimidated

sure they will fail

lack of stick to it (quick to quit)

lack of interest

lack of self discipline

do not see a practical use for math

low expectations of self

peer pressure not to succeed in math

STUDENTS UNDERPREPARED/ prep issues

students ill prepared

overmotivated/underprepared

students out of high school not prepared

will we have enough patience

concern about standards coming out of DE060

student attitudes/confidence level

student motivation and study time

students preconditioned to memorize w/o understanding

students need good prep to do homework

factors needed for success

students unmotivated

loss of intellectual interest by students

students have not learned how to learn

DEMOGRAPHIC/CHARACTERISTICS/ diversity

Diverse

Out of school for a while

Slow starters/fast finishers

Wide age distribution

Some are just rusty

overly burdened outside

HETEROGENEITY/diverse student needs

concerned about variety of preparation in classes

complexity of reasons for being in a course

heterogeneity has increased (anxiety, ability, prep)

MOTIVATING FACTORS

Great positive feedback if you break through

Eager to succeed

Want to pass not learn

Want to better themselves financially

ADVISING/TESTING

advisor student relation not close here

how does math fit into college requirements

no time to deal with math anxiety

lack of communications with high schools

CPT tests not accurate

counseling staff needs more involvement

learning disability students(051) need more support/we need help teaching them

DISABILITIES

learning disabilities

inability to read with understanding

CONTENT TECHNIQUES/current student shortcomings

focusing on student learning

students misinterpret different teaching techniques

are we filling a pail or starting a fire

can students apply what they learn

few are mastering the material

problem solving vs content

students don't take DE courses seriously because they don't count

PROGRAM ISSUES/DEPARTMENT

lack of cohesion with the program/coordinating classes

reality/integrity of math standards

concern about standards coming out of DE060

little time to cover material

objectives unclear to ourselves

we teach a foreign language with math

PROGRAM ISSUES/ INSTITUTIONAL

Inability of students to complete courses in 15 weeks

how does math fit into college requirements

one size class fits all poorly

image problem with 4C's peers

Institution views itself as non-math or technical

one size fits all graduation requirements