

# **Recruitment and retention challenges at a midsize engineering college**

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# PRESENTATION

- Background
- Recruitment
- Retention
- Conclusions



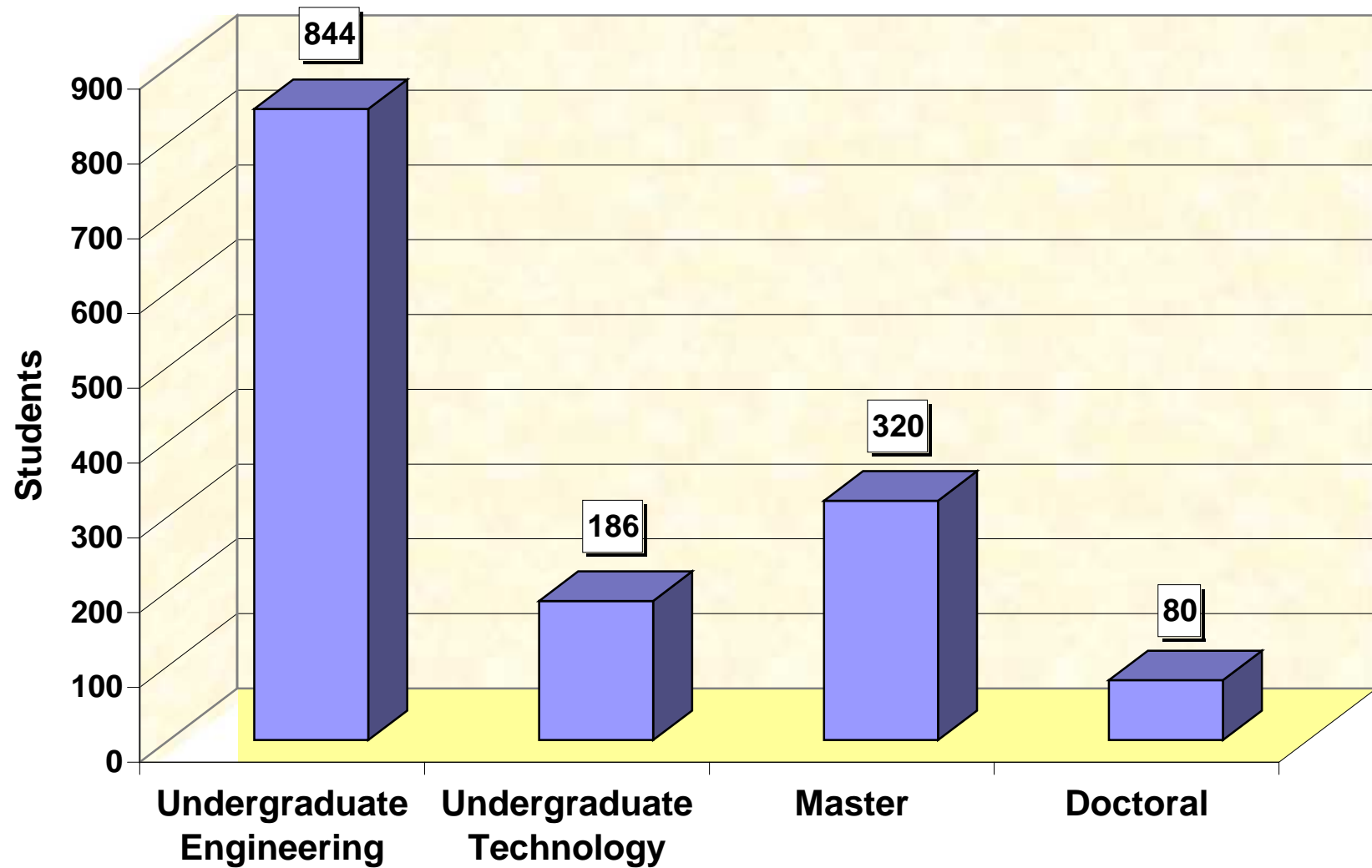


# **College of Engineering – SIUC**

## **Undergraduate Engineering Programs**

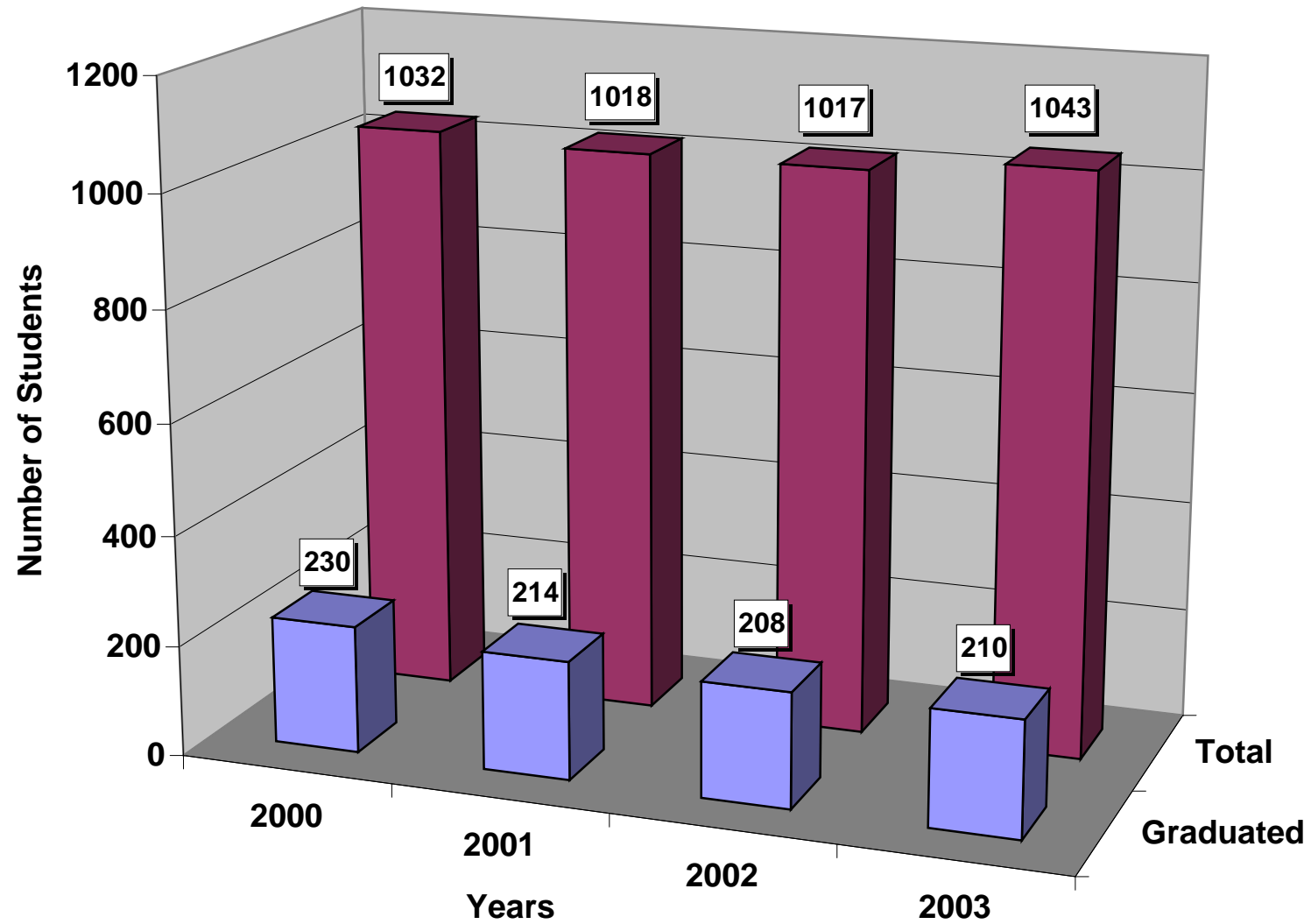
- **Civil Engineering**
- **Computer Engineering**
- **Electrical Engineering**
- **Mechanical Engineering**
- **Mining Engineering**

## Student Population at COE - Fall 2004





## Undergraduate Population and Graduation Statistics at COE



## ADMISSION TO COE

- FRESHMEN - ACT = 21, or SAT = 970
- TRANSFER - GPA = 2.0/4.0

## STUDENTS ENTERING COE

- AVERAGE MATH ACT SCORE = 25.64
- AVERAGE COMPOSITE ACT SCORE = 24.18



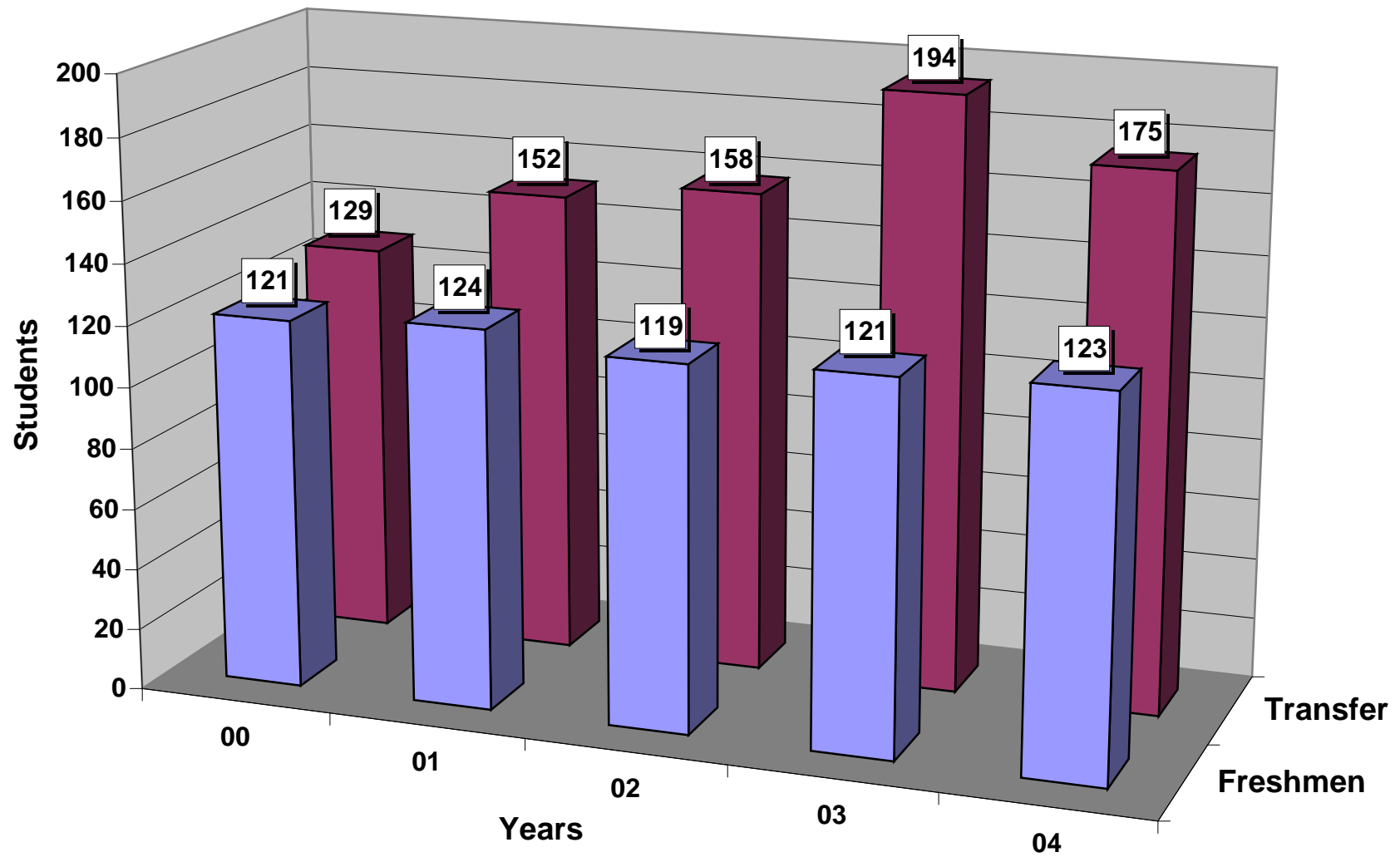
# RECRUITMENT TOOLS AND PROGRAMS

- Scholarship
- High School Outreach
- Women's Introduction to Engineering
- Freshmen Orientation
- Summer Bridge
- Engineering Residence Hall
- Student Design Projects

## COE SCHOLARSHIP DISTRIBUTION – Fall 2003

	Freshmen	Transfer	Continuing	Total
Number	95	8	104	207
Average	\$1,778	\$938	\$1,387	\$1,549
Total	\$168,875	\$7,500	\$144,275	\$320,650

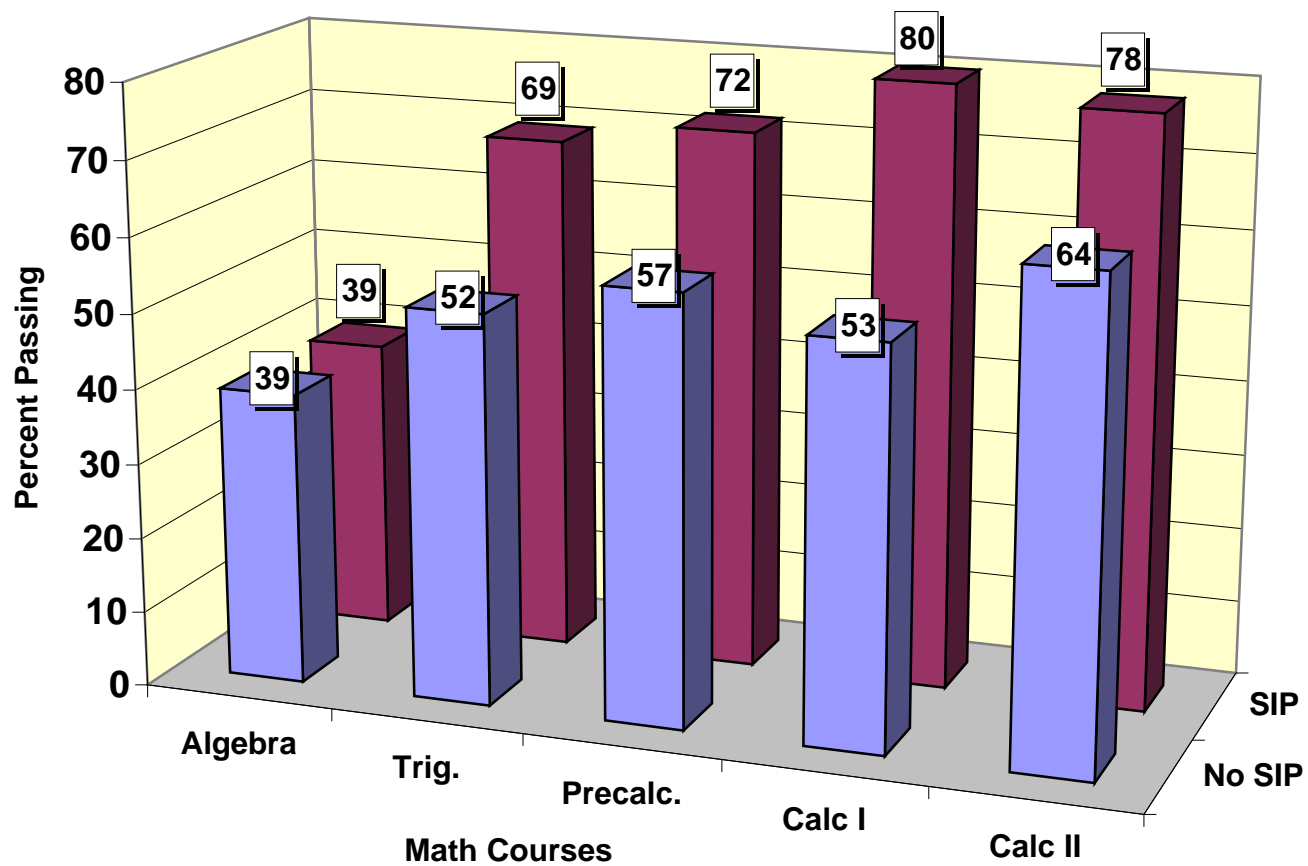
## Freshmen and Transfer Fall Enrollments at COE



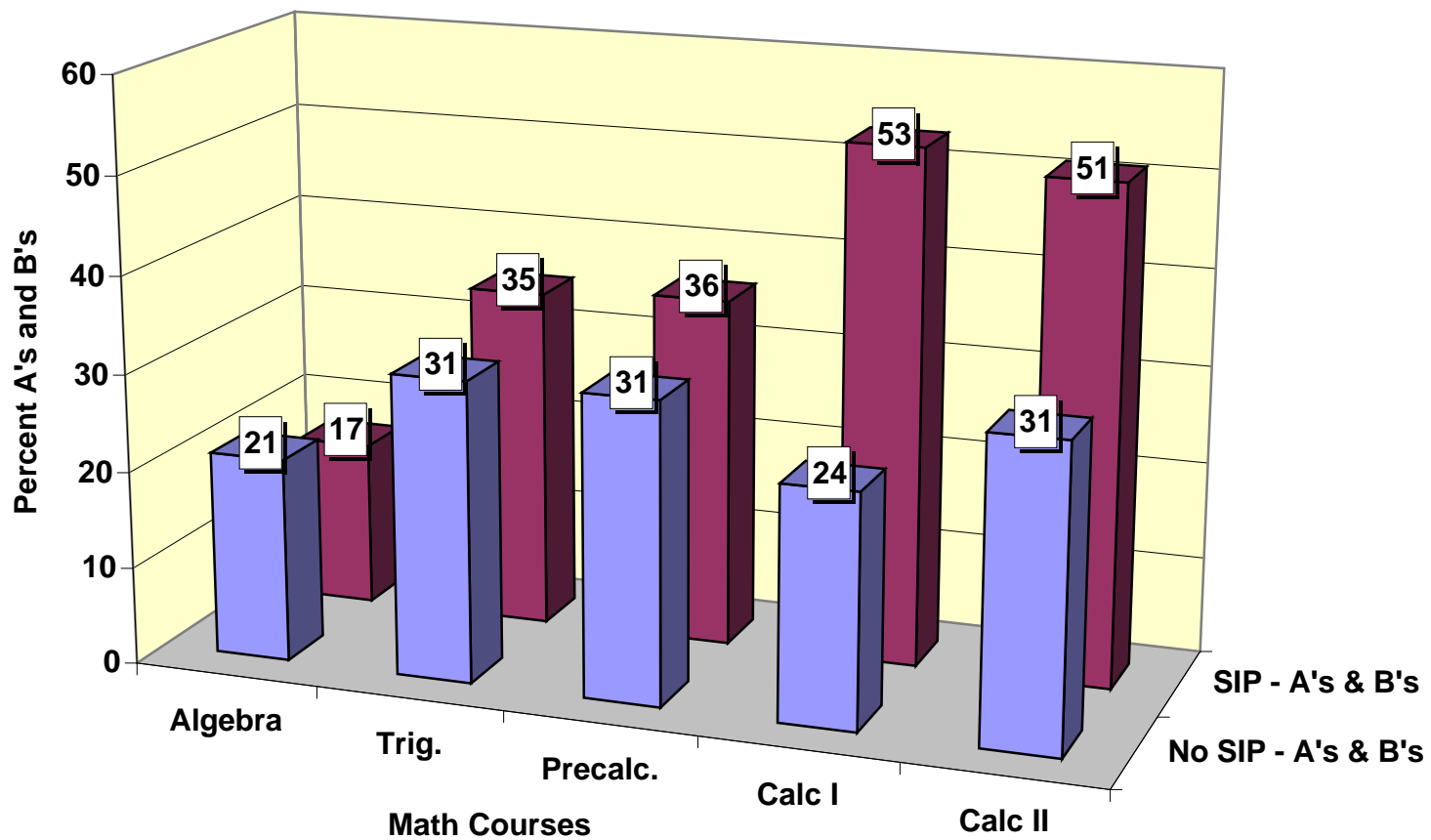
# RETENTION PROGRAMS

- Supplemental Instruction in math courses
- Residence Hall tutoring
- Early Intervention program

**Passing rates in math courses with and without SIP**



## Passing with grades A and B in math courses



# EARLY INTERVENTION PROGRAM

Feedback from the instructors of:

- Math
- Physics
- Chemistry

On the 4<sup>th</sup> week of each semester



# CONCLUSIONS

- Very successful programs

1. Scholarship
2. Supplemental Instruction
3. Freshmen Orientation

- Successful programs

1. High School Outreach
2. Residence Hall Tutoring
3. Engineering Hall
4. Summer Bridge

- Needs Improvement programs

1. Women's Introduction to Engineering
2. Early Intervention