

# College of Technology

## The Freshman Profile, Fall 2005

**NOTE: DUE TO SMALL SAMPLE SIZES, SOME STATISTICS MAY NOT BE APPROPRIATE FOR ANALYTICAL PURPOSES.**

The survey instrument administered to Fall 2005 Freshman Sycamore Advantage participants was the same one administered to the previous Freshman class. A separate report provides a profile of the entire Fall 2005 Freshman cohort. The purpose of this report is to provide a profile of freshmen enrolled in the College of Technology (Tech.). The following results are based on the 105 freshmen in Technology who went through Sycamore Advantage in June and August 2005. These students represent 6.4% of the 1,642 new freshmen and 8.2% of the Freshman Profile respondent pool.

Age	2005	2004
% age 17-19	97.1%	96.0%
% age 20-25	1.9%	2.4%
% age 26-30	0.0%	0.8%
% age 31-35	1.0%	0.8%
% age 36 and over	0.0%	0.0%

Graduated from High School	2005	2004
This year	93.3%	92.8%
Last year	4.8%	3.2%
Two years ago	0.0%	1.6%
Three years ago	1.0%	0.0%
Four or more years ago	1.0%	2.4%

**7.6% of Fall 2005 Technology freshmen are women**

Racial Background	2005	2004
Black or African American	3.8%	2.4%
Native American	0.0%	1.6%
Caucasian	90.4%	93.5%
International	0.0%	0.8%
Hispanic	1.0%	0.8%
Asian American/Pacific Islander	0.0%	0.8%
Multiracial	4.8%	0.0%

Estimated Family Income	2005	2004
Under \$25,000	21.0%	9.6%
between \$25,000 & \$39,999	15.2%	14.4%
between \$40,000 & \$59,999	21.0%	21.6%
between \$60,000 & \$79,999	19.0%	28.0%
Between \$80,000 & \$99,999	12.4%	8.8%
\$100,000 or more	11.4%	17.6%

Area Lived In During High School	2005	2004
Rural area	31.4%	24.8%
Small town	39.0%	41.6%
Moderate city	22.9%	14.4%
Large city	1.0%	3.2%
Suburban area outside city	5.7%	16.0%

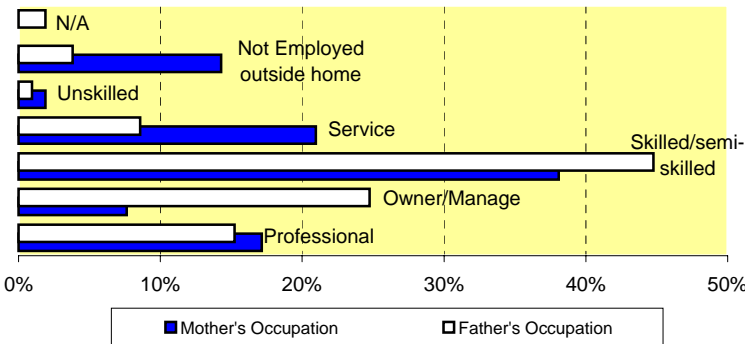
Are You the First of the Children in Your Family Going to College?	2005	2004
I am the only child	5.7%	5.6%
Yes, and I am the oldest	41.0%	29.6%
Yes, but I am not the oldest	6.7%	15.2%
No	46.7%	49.6%

**58.1% : somewhat concerned about paying for college**  
**22.9% : greatly concerned about paying for college**

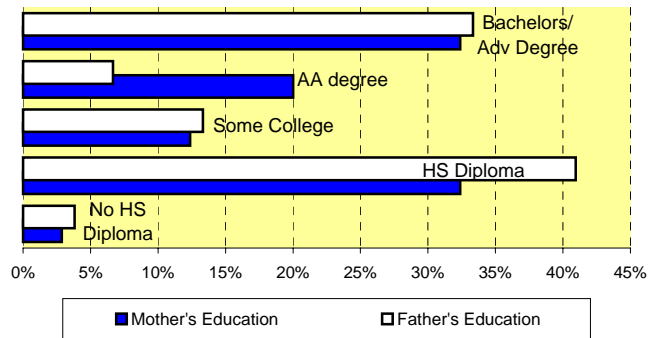
How Much Time Do You Spend Commuting from Your Home to ISU (one way)?	2005	2004
Live on campus	68.6%	74.4%
5 -30 minutes	23.8%	17.6%
More than 30 minutes	7.6%	8.0%

### Family Background

Parental Occupation



Parental Education



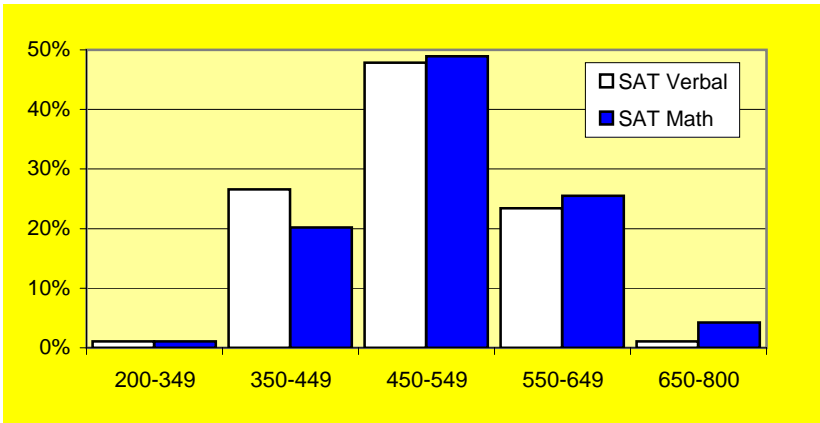
### Family Ties to ISU Students

**22%** : Parents attended ISU  
**34%** : Other close relative attended ISU  
**43%** : Either parent or relative attended ISU

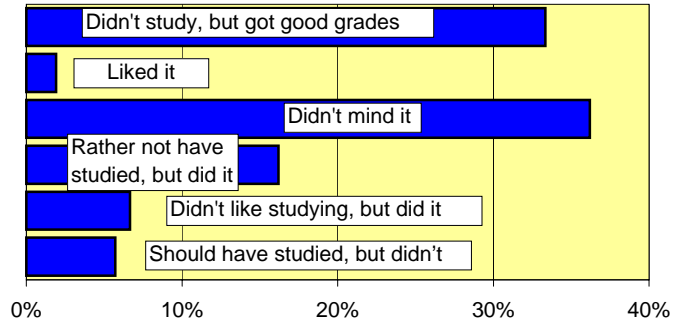
**15%** : Parents graduated from ISU  
**18%** : Close relative graduated from ISU  
**28%** : Either parent or relative graduated from ISU

## Academics

**Recentered Verbal & Math SAT Scores**



**Attitudes Toward Studying in High School**



**Which Academic Area Will Be Most Difficult for You?**

	2005	2004
Communication (speech)	6.7%	8.0%
English Composition	29.5%	37.6%
Lab sciences (e.g. biology)	11.4%	9.6%
Mathematics	35.2%	28.8%
Others (e.g. art, economics, etc)	17.1%	16.0%

### Academic Indicators

#### SAT SCORES

#### HS GPA

	Avg Verbal	Avg Math	Total Avg	Avg
2005	489	501	990	3.13
2004	476	505	982	3.04

**76.2% of respondents majoring in Technology ranked their high school as being above average.**

**73.3% of Technology freshmen predicted that their first year GPA would be B or better.**

#### High School Attitudes:

	Strongly Agree/Agree			Strongly Agree/Agree	
	2005	2004		2005	2004
I did well in a variety of subjects	92.4%	84.0%	I only tried hard in my favorite classes	28.6%	44.8%
I was interested in many subjects	55.2%	56.0%	I was only good at one or two subjects	33.3%	35.2%
I learned a lot from doing class assignments	67.6%	60.8%	A lot of what I learned in school can be applied to the real world	61.0%	52.0%
I enjoyed participating in social activities	79.0%	72.8%	I liked being in high school	67.6%	71.2%

#### (Percent Responding "Often"/"Very Often")

	2005	2004
In high school, how often could personal experiences confirm or verify ideas presented in class?	64.8%	49.6%
During high school, how often did you feel "stressed" or overwhelmed by all your responsibilities?	34.3%	28.8%
How often have you been in a leadership role in a class group, or a school or community activity?	47.6%	40.0%

### High School Time Allotment

**In a typical week during your senior year, how many hours did you spend...**

	% of Respondents Indicating Hours Spent					2004
	LT 1	1-5	6-10	11-15	16+	0-5 hrs
Studying or preparing for class on own	13.3	60.0	20.0	5.7	1.0	80.0
Studying or preparing for class with students	57.1	34.3	6.7	1.9	0.0	96.0
Socializing with friends	0.0	19.0	24.8	25.7	30.5	18.4
Working at a job for pay	18.1	8.6	10.5	14.3	48.6	31.2
Exercising or playing sports	16.2	20.0	16.2	19.0	28.6	32.8
Using computer/internet for recreation	17.1	31.4	24.8	15.2	11.4	47.2
Playing video games or watching T.V.	21.9	30.5	21.0	12.4	14.3	57.6
Participating in community activities	37.1	34.3	21.9	3.8	2.9	74.4

### High School Learning Experiences

	2005		2004
	A Lot or Higher	Little/none or nothing	A Lot or Higher
Percent of students reporting amount learned in high school by:			
Talking and working with high school teachers	48.6%	5.7%	52.0%
Interacting with student groups	33.3%	17.1%	24.0%
Percent of students reporting how much they enjoyed learning in student groups	43.8%	16.2%	40.8%
Percent of students indicating how much effort they put into high school work	41.0%	11.4%	43.2%
Percent of students indicating time spent planning for future during last year of H.S.	65.7%	1.9%	52.0%

## Student Confidence

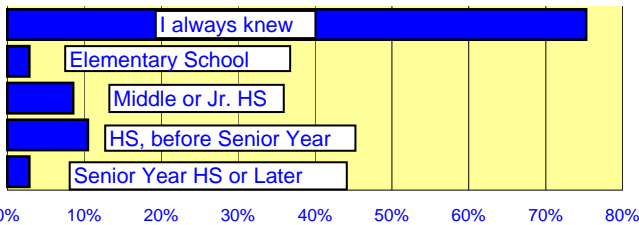
### Student Confidence in Their Ability To:

	Very Good/ or Good	Not Very/ Not Good	Very Good/Good Chg over 2004
Work with others on projects	80.0%	1.0%	6.4%
Use computers or the internet for school work or research	79.0%	2.9%	0.6%
Understand and respect cultures and attitudes of others	78.1%	2.9%	3.7%
Effectively plan and manage your responsibilities	73.3%	2.9%	12.5%
Evaluate opposing options or viewpoints	70.5%	1.0%	8.9%
Find new ways to think about problems or topics	69.5%	1.0%	-1.7%
Effectively communicate your ideas by speaking	61.9%	4.8%	6.7%
Organize, prioritize, and plan your time	56.2%	13.3%	5.0%
Intelligently discuss politics or current world events	52.4%	19.0%	11.6%
Effectively communicate your ideas in writing	49.5%	10.5%	7.1%
Solve complex problems	48.6%	12.4%	-0.2%

NOTE: Good and Not Good columns do not add up to 100% because a "Neutral" option was offered.

## Getting to College

### % Indicating When They Decided to Attend College

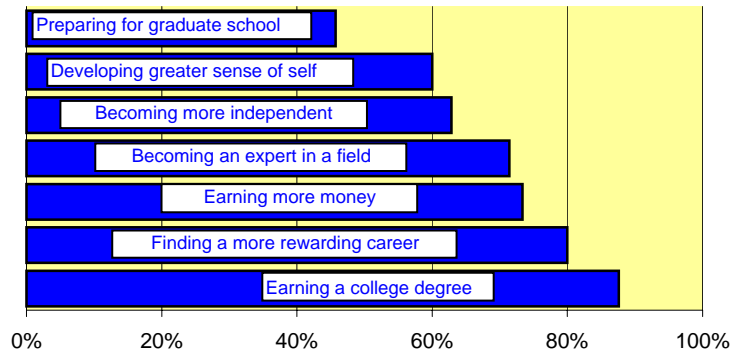


### Financial Preparation: Student Perceptions of When Parents Began Saving for College

	2005	2004
Before student entered high school	20.0%	28.8%
During H.S. or later	7.6%	5.6%
Don't know when they started saving	33.3%	28.8%
Don't know if they saved	16.2%	12.0%
Parents didn't save, but are contributing	11.4%	18.4%
Does not apply	11.4%	6.4%

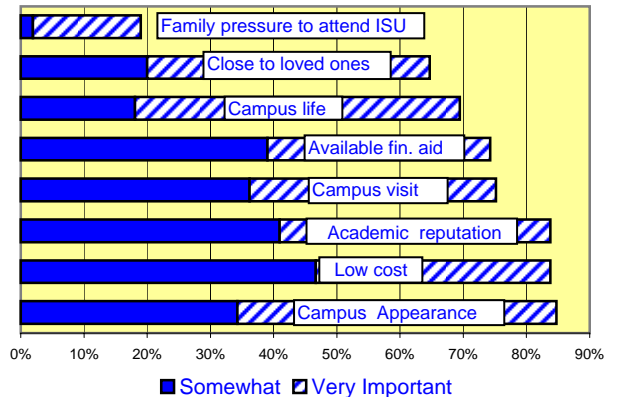
### The College Decision

% of respondents indicating factors are a **very important** reason for deciding to go to college



### The ISU Decision: Top Reasons for Deciding on ISU

% of respondents indicating somewhat or very important



**66%** of freshmen indicate most of their close friends from high school are attending college this year

**19%** of ISU freshman applied to institutions out of Indiana

**47%** indicate that 2 or more of their close friends are attending Indiana State this year

**74%** of freshmen indicate that their family is very supportive of their decision to attend ISU

	Top Choices of Tech. Freshmen	% Applied
ISU	67.6%	100.0%
Purdue	15.2%	32.4%
Non-Indiana Schools	4.8%	19.0%
Other Hoosier 4-year	1.0%	13.3%
Hoosier 2-year	3.8%	11.4%
Ball State	0.0%	8.6%
IU	1.9%	5.7%

**Closer Look:** About **44%** of Tech. freshmen applied to other schools. About **19%** applied to schools outside Indiana. Purdue remains ISU's greatest competitor in terms of applicants, with about 32% sending applications to both schools, followed by Non-IN schools. After ISU, Purdue was also considered the first choice of Tech. students who enrolled at ISU this year.

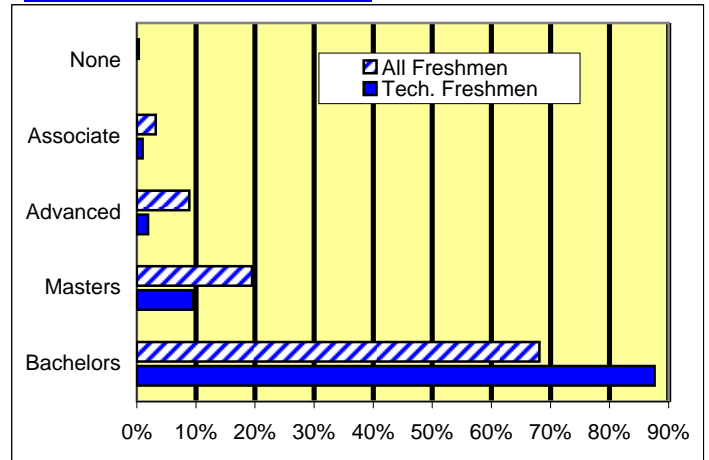
## College Expectations

### Academic Expectations

I expect college to help me improve my ability to:

	% Agree	
	Tech. Freshmen	All Freshmen
Find new ways to think about problems	93.3%	92.1%
Organize, prioritize, and plan my time	92.4%	92.8%
Solve complex problems	92.4%	88.3%
Effectively plan and manage my responsibilities	92.4%	91.8%
Evaluate opposing points of view	90.5%	90.4%
Work with others on projects	86.7%	84.2%
Effectively communicate my ideas by speaking	85.7%	91.3%
Intelligently discuss politics or current events	84.8%	80.7%
Understand and appreciate other cultures	84.8%	87.6%
Effectively communicate my ideas in writing	83.8%	89.3%
Use computers or the internet	82.9%	77.2%

### Highest Degree Aspirations



### Time Allocation Expectations

Hours Students Expect to Spend During their First Year of College:

						2004	
	0-5 hrs	6-10 hrs	11-15 hrs	16-20 hrs	20+ hrs	0-5 hrs	20+ hrs
Studying, researching, doing homework	2.9%	22.9%	37.1%	22.9%	14.3%	11.2%	22.4%
Meeting with students to prep for class	47.6%	27.6%	19.0%	3.8%	1.9%	51.2%	1.6%
Meeting with professors or instructors to discuss preparing for class	71.4%	20.0%	4.8%	1.0%	2.9%	65.6%	2.4%
Going to campus events	50.5%	29.5%	16.2%	2.9%	1.0%	51.2%	2.4%
Participating in campus organizations	65.7%	21.9%	9.5%	1.0%	1.9%	63.2%	1.6%
Socializing with:							
friends who are ISU students	21.9%	33.3%	23.8%	8.6%	12.4%	25.6%	10.4%
friends who are <u>not</u> ISU students	52.4%	24.8%	14.3%	2.9%	5.7%	47.2%	3.2%
Using a computer/internet for recreation	36.2%	29.5%	20.0%	8.6%	5.7%	38.7%	12.1%
Playing video games or watching T.V.	61.0%	24.8%	9.5%	1.9%	2.9%	65.6%	1.6%
Participating in sports or exercising	41.9%	30.5%	17.1%	8.6%	1.9%	45.6%	5.6%
Participating in community activities	80.0%	14.3%	3.8%	1.9%	0.0%	79.2%	2.4%
Working:							
in an off-campus job	66.7%	7.6%	5.7%	8.6%	11.4%	64.8%	8.8%
in an on-campus job	48.6%	21.9%	17.1%	11.4%	1.0%	66.9%	0.8%

### Expectations That There is Some Chance of the Following Happening at ISU

	2005 Tech.	2005 All Freshmen		2005 Tech.	2005 All Freshmen
Join a fraternity or sorority	45.7%	46.0%	Transfer to another college	18.1%	29.5%
Fail one or more classes	9.5%	7.6%	Drop out permanently	2.9%	2.0%
Get tutoring help	71.4%	82.5%	Be satisfied with your college	97.1%	98.3%
Need extra time to complete degree	31.4%	50.2%	Be gainfully employed during first year	84.8%	85.5%
Graduate with honors	67.6%	65.1%			



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