

1 in 4 frosh deemed fit for soph. status

Students with many credits from high school weigh benefits of offer

By Amy Wang
STAFF REPORTER

This year, 27 percent of the freshmen class has been offered early sophomore standing, comparable to last year's 28.4 percent. Out of the 282 eligible students, 128 have accepted their offers so far.

Senior Associate Dean for Undergraduate Education Julie B. Norman sent out early sophomore standing offers in December to qualified freshmen, many of whom had accumulated college credit in high school. They have until Add Date on March 6 to accept, though most students who accept the offer do so by mid-January. Norman anticipates that another 50 to 60 students will take up the offer before the deadline.

Freshmen who accept early sophomore standing may declare a major and receive a faculty advisor within their department. They can also remain "undesignated" and continue to be advised by their freshman advisors.

Diana Dimitrichenko '18 was

motivated to take early sophomore standing in order to get closer to the Department of Electrical Engineering and Computer Science. "I already knew I wanted to declare course 6-1 and was eager to get in contact with a departmental advisor."

In addition, freshmen who accept early sophomore standing are no longer subject to the 57-unit limit and can take advantage of flexible grading options like "Sophomore Exploratory" and "Junior-Senior P/D/F" a semester earlier than most.

"Since I am already active in student organizations and am also interested in a volunteer UROP, I have not tried to exceed the freshman credit limit, nor have I designated any of my classes as sophomore exploratory," said Dimitrichenko.

Sarah Shader '18, who recently accepted early sophomore standing and declared Course 18, is taking six 12-unit classes. "I took sophomore standing mainly to

Academics, Page 11



DANIEL MIRNY—THE TECH

New England Patriots players (from right) Tim Wright and Rob Gronkowski smile to the fans during Wednesday's victory parade following their Superbowl win.

NEW ENGLAND PATRIOTS' VICTORY PARADE

SEE PAGE 6

New authentication service on Touchstone

MIT's IS&T has added a new two-factor authentication system to Touchstone that will provide more secure access to important MIT services such as Atlas. With "Duo," knowing a person's username and pass-

word will not be enough to log in with Touchstone.

IS&T manager Garry Zacheiss made light of the fact that MIT's online services have

Touchstone, Page 9

IN SHORT

Registration must be submitted to the Registrar's Office by 5 p.m. on Friday, Feb. 6. Failure to do so may result in a \$50 late fee.

The deadline for final-term seniors to submit the HASS Concentration Completion Proposal Form is Friday, Feb. 6. Failure to do so may result in a \$50 late fee.

Friday, Feb. 6 is the degree application deadline for June SB and advanced degrees. Applying after Feb. 6 may result in a \$50 late fee.

Friday, Feb. 6 is the last day of the APO Book Exchange in the Mezzanine Lounge (W20-307), which runs from 10 a.m. to 5 p.m.

Quarter 3 PE classes start Monday, Feb. 9.

Students can browse GratRat rings next week from Monday to Wednesday between 11:30 a.m. and 4:30 p.m. in the E62 lobby.

The Class of 2017 Ring Premiere is next Friday, Feb. 13 in Kresge Auditorium. Doors open at 7 p.m. The first day of sales is the day after.

Send news information and tips to news@tech.mit.edu.

MASLAB pits bot against bot



TRISTAN HONSCHIED—THE TECH

Team 7, consisting of Aarshavi Shah, Alberto Mulero '17, Michelle Sit, and Vahid Fazel-Rezai '17, prepares its robot "Stack Overflow" for the next round at the the 2015 MASLAB competition.

Senior House gets a new housemaster

Professor Jay Scheib has been named the new housemaster of Senior House, one of MIT's oldest dormitories. He will replace Agustín Rayo PhD '01, associate professor in the Department of Linguistics, and Carmen Saracho, a novelist and restaurant critic, who had both served as housemasters since May 2010.

Scheib has been a member of the MIT Music and Theater Arts Section faculty since 2003 and is currently director of theater arts. He has received numerous awards for his work, including MIT's 2008 Edgerton Award for Faculty Achievement, a 2011 Guggenheim Fellowship for Creative Arts, and an OBIE award for best direction, according to the MIT News Office.

As housemaster, Scheib will be collaborating closely with Senior

House's Residential Life Area Director, graduate resident tutors, and residents.

According to MIT's press release, Scheib was drawn to the creative atmosphere promoted by the community in Senior House. The dorm is famous for its murals, and its website documents artwork created by residents over the years.

The committee that selected Scheib as the new housemaster included Senior House residents Rodrigo Lopez Uricoechea '16 and Adrianna Rodriguez '16, Simmons Hall housemaster Professor John Essigmann PhD '76, members of the Division of Student Life Henry Humphreys, Michael Barcelo, and Camille Romney, and several other MIT affiliates.

—Patricia Z. Dominguez

FINISHED BUSINESS

Photos from the Super Bowl victory parade.
NEWS, p. 6

OUR UNSUNG WATCHMEN

Not AlliedBarton. OPINION, p. 4

MIT WAS WRONG

Lewin's lectures should have stayed up on OCW. OPINION, p. 4



MIT BECKONS

It's nice to be away, until it isn't. FUN, p. 5

IT'S NOT QUITE OVER YET

I'm dreaming of a white Valentine's.
WEATHER, p. 8

SECTIONS

Opinion4
Fun Pages5
Weather.8

Sudoku I

Solution, page 10

7				9		1	2	
9		3				8		
			6			9	7	
3			9	6				8
6				1				7
4				2	3			9
	6	4			9			
		9				4		5
	3	8		5				2

Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

Sudoku II

Solution, page 10

			5		6	3	8	
		5	4					
7	6				2	4	5	
				6			1	
9			7		8			5
	3			4				
	4	9	8				7	2
					4	8		
	7	8	9		1			

Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

Techdoku I

Solution, page 10

48x		3	20x		
2÷		15x			2
	48x			5-	30x
4		5			
19+				8x	
	10x		6		3

Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–6. Follow the mathematical operations for each box.

Techdoku II

Solution, page 10

32x		90x			15x
6÷			6x		
	120x			48x	
18x			1-		2x
2		5		18x	
30x					4

Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–6. Follow the mathematical operations for each box.

Speed Traps

by Fred Piscop

Solution, page 10

ACROSS

- 1 Popular houseplants
- 6 Dish damage
- 10 Bugs from Bavaria
- 13 Splatter catcher
- 14 What a collar covers
- 15 Playwright Racine
- 16 Yearbook section
- 18 What a colon may mean
- 19 Squeak by
- 20 Toughie
- 22 Back-yard intruder
- 24 Excess
- 25 Home for some brothers
- 28 Hindu ruler
- 31 Gluten source
- 32 Fairy-tale bear
- 33 Negotiation impediments
- 37 Ion, for instance
- 38 Breakfast staple
- 39 Pumice source
- 40 Win in a walk
- 41 Metaphorical albatross
- 42 Took higher
- 43 Eye shade
- 45 Auto-racing family name

- 46 Squeegee’s purpose
- 49 Sounds of surprise
- 51 Dolphin descriptor
- 54 Aquarius, for most of February
- 59 Money supply
- 60 Well adjunct
- 62 Mint containers
- 63 Wind-quintet member
- 64 Part of some stoves
- 65 Messy place
- 66 First light
- 67 Shoots forth

DOWN

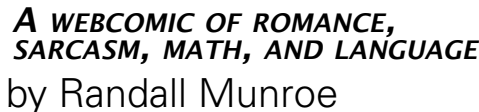
- 1 Oscar winner as Jasmine in 2013
- 2 Took off on
- 3 Mountain goat’s perch
- 4 Scholarly volume
- 5 Running things
- 6 Benjamin
- 7 Lid
- 8 Underwriter’s activities
- 9 Vexing one
- 10 Roman Holiday scooter

- 11 Mattress filling of a sort
- 12 Boring thing, so to speak
- 15 Mission: Impossible leader
- 17 Army copter
- 21 NATO charter member
- 23 Filmdom’s most-portrayed literary character
- 25 Flute range
- 26 Prosperous period
- 27 Have an argument
- 29 Book after Joel
- 30 Painter Vermeer
- 31 Considerably removed
- 32 Zebra’s hair
- 34 Show astonishment
- 35 Now wrapped up
- 36 Dismal
- 38 Dickens alias
- 42 Clicks open
- 44 Creative technique
- 45 “Nah”
- 46 Floats gently
- 47 Parting words
- 48 Filled with verbal twists
- 50 Poplar tree

1	2	3	4	5		6	7	8	9			10	11	12
13						14						15		
16						17						18		
19								20		21				
					22			23		24				
	25	26	27				28	29	30					
31						32					33	34	35	36
37						38					39			
40						41				42				
				43	44				45					
46	47	48					49	50						
51						52	53		54			55	56	57
59						60		61						
62						63				64				
65						66				67				

- 52 Device that holds playlists
- 53 Where Hemingway wrote The Old Man and the Sea
- 55 Sound of a trim
- 56 Standing by
- 57 Look elated
- 58 Brooklyn hoopsters
- 61 Lower your blades

BY ERIKA TRENT

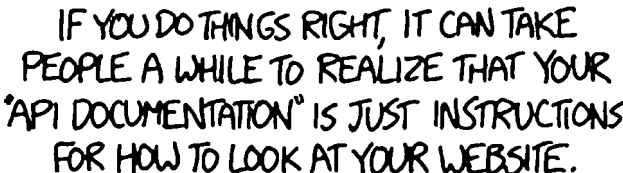


API GUIDE

SERVER WILL RETURN AN XML DOCUMENT WHICH CONTAINS:

- THE REQUESTED DATA
- DOCUMENTATION DESCRIBING HOW THE DATA IS ORGANIZED SPATIALLY

TO OBTAIN API ACCESS, CONTACT THE X.509-AUTHENTICATED SERVER AND REQUEST AN ECDH-RSA TLS KEY..



ACCESS LIMITS: Clients may maintain connections to the server for no more than 86,400 seconds per day. If you need additional time, you may contact IERS to file a request for up to one additional second.

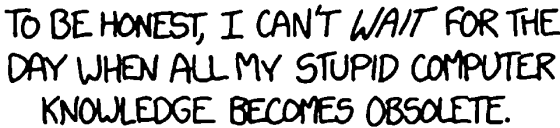
WAIT, WHY CAN'T I CLICK ANYWHERE?
/ I DON'T... UGH, IT OPENED
A DIALOG BOX OFFSCREEN.

WHY IS THAT EVEN POSSIBLE?

IT REALLY SHOULDN'T BE. BUT YOU CAN FIX IT BY CHANGING YOUR SCREEN RESOLUTION TO TRIGGER A WINDOW CLEANUP.

SERIOUSLY?

I KNOW, I KNOW...



'Oh, you're using their Chrome APP, not their Chrome EXTENSION. They're very similar but one handles window creation differently.' is a thing I hope I can stop saying soon.



1



2

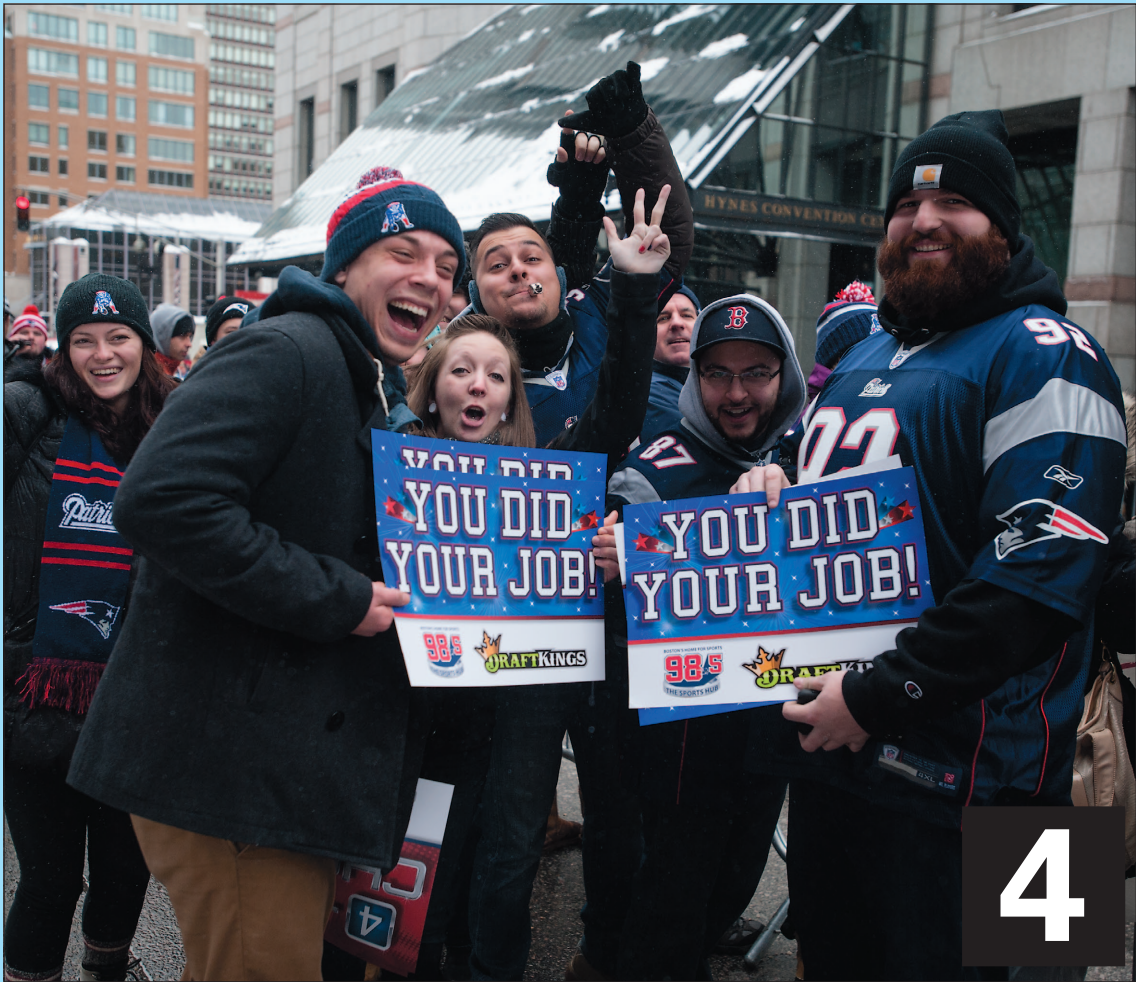


3

New England Patriots' Super Bowl Victory Parade

By Daniel Mirny

- 1. **New England Patriots players** (from left) Brandon Bolden, Stevan Ridley, and Shane Vereen respond to fans' ecstatic cheering during Wednesday's Super Bowl victory parade.
- 2. **Patriots cheerleaders celebrate with fans** during the parade for the team's Super Bowl victory.
- 3. **Jonathan Kraft, president of the Patriots**, proudly holds the Super Bowl trophy.
- 4. **Fans clad in Patriots gear** show off their New England pride during Wednesday's parade.
- 5. **A fan proudly shows off four fingers**, representing the four Super Bowl victories of the New England Patriots in 2001, 2003, 2004, and 2014.
- 6. **Fans crane their necks to get a better view** of the approaching Duck Boats carrying the New England Patriots Wednesday morning.
- 7. **Thousands wait Wednesday morning** for the arrival of the New England Patriots at the parade in honor of their Super Bowl victory.
- 8. **Historical reenactors dressed in traditional military gear** from Revolutionary New England lead the parade.



4



5



6



7



8

Bitter cold followed by more snow

An Arctic front brought some of the coldest air of the season to New England last night. Lows in the Boston area dipped below zero. Today, a tightening pressure gradient will create gusty winds, dropping wind chill values to as low as -15°F (-26°C). Increasing clouds signal a more active weather pattern this weekend.

England over the next few days, each contributing more to the towering snow piles. The first arrives tomorrow, bringing overcast skies and about an inch of snow to the area. The second system, which arrives Sunday, will keep skies cloudy and lay down an additional three inches of snow. Finally, a more robust storm will impact the region on Monday and Tuesday, bringing more significant snowfall. It's too early for specifics at this point, but the message is clear. Winter isn't ending anytime soon.

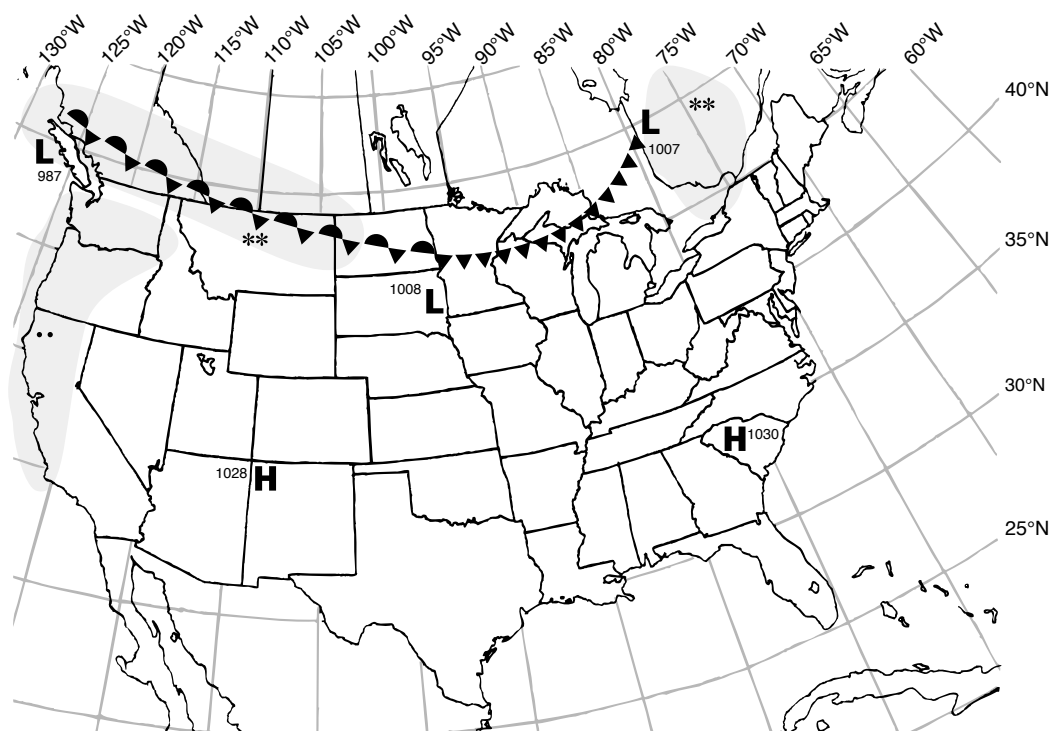
Today: Increasing cloudiness with a high of 20 °F (−7 °C). North winds at 10–15 mph.

Tonight: Partly cloudy with a low around 15 °F (−9 °C). West winds at around 10 mph.

Tomorrow: Overcast with a high of 30 °F (−1 °C). West winds at around 10 mph.

Sunday: Overcast with a high in the mid 20s °F (−4 °C). Snow likely.

Monday: Overcast with highs reaching the upper 20s °F (−4 °C). Snow likely.



Situation for Noon Eastern Time, Friday, January 6, 2015

Weather Systems		Weather Fronts		Precipitation Symbols		Other Symbols	
H	High Pressure		Trough		Snow	Rain	 Fog
L	Low Pressure		Warm Front	Showers			 Thunderstorm
S	Hurricane		Cold Front	Light			 Haze
			Stationary Front	Moderate			Compiled by MIT Meteorology Staff and <i>The Tych</i>
				Heavy			

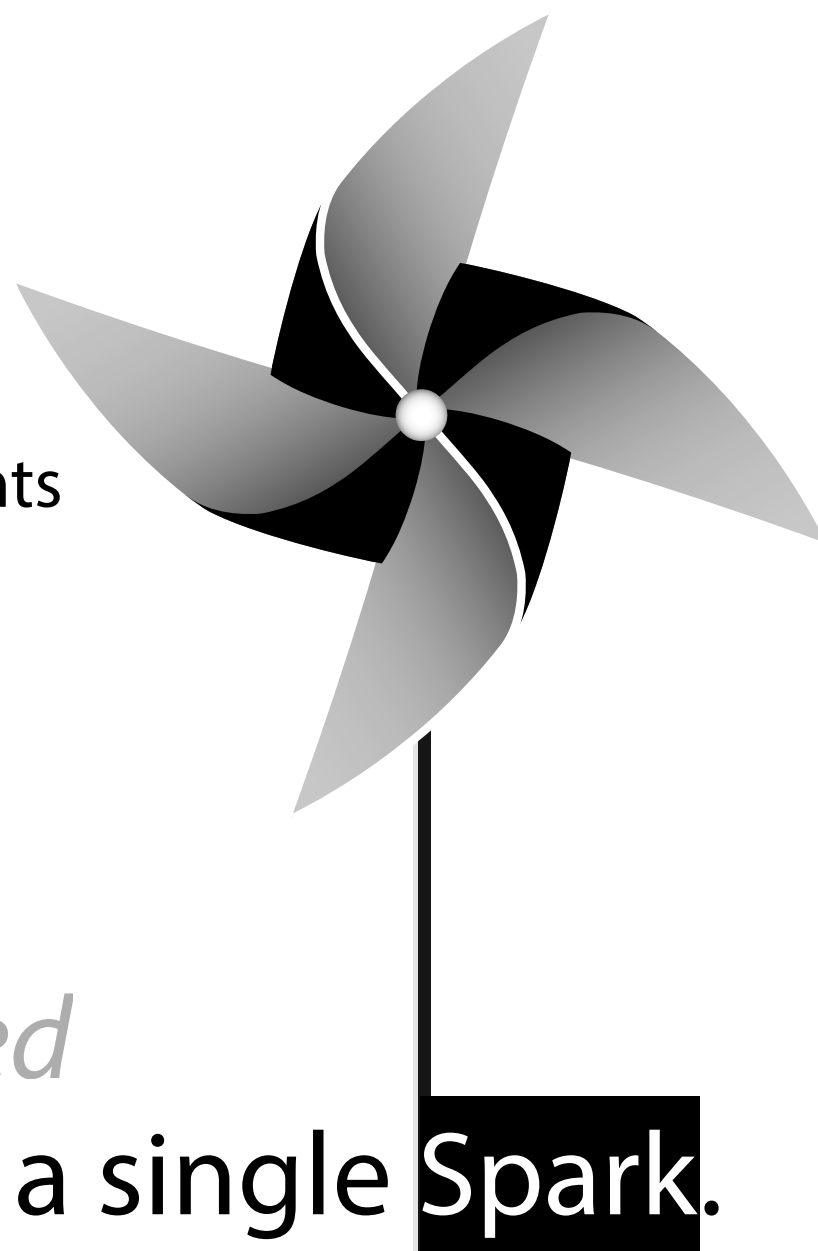
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This March. Your classes.
One weekend at MIT.
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sign up by
February 9, 2015

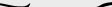
deadline extended

It all starts with a single Spark.



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Touchstone, from Page 1

lagged behind others (such as the World of Warcraft game) in terms of dual-factor authentication. “If people are using two-factor authentication to protect their fake money in a video game, shouldn’t we be using it to protect our real assets at MIT?” he asked.

According to IS&T’s Knowledge Base, community members can take advantage of the optional service in a variety of ways.

Those who use a smartphone can receive a push notification each time they log in, and would be expected to verify that they are attempting to sign in by pressing an “approve” button. Smartphone users can also download a mobile app which will allow them to enter a single-use code each time they log in;

the app does not require network connectivity to generate the codes.

Users with other telephones can request that they be sent codes each time they log in, through an automated voice call or a text message.

Those without phones can take advantage of Duo by purchasing a hardware token, such as one that plugs directly into a computer’s USB port or one that simulates the smartphone app and generates single-use codes.

Enabling two-factor authentication with Duo will make it more difficult to fall victim to phishing scams as ten Boston University employees did in December when scammers changed their direct-deposit settings to reroute their paychecks, according to BU’s news office.

—William Navarre

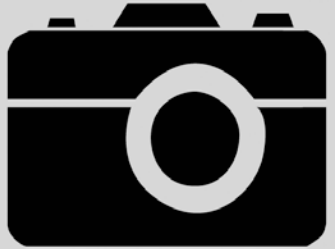
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Spring Rush Schedule

- Monday 2/9
Recruitment Dinner 6:00 – 7:00 PM | Meet at APO Office (W20-415)
Come hang out with us, eat free food, and learn about APO!
- Tuesday 2/10
Volunteer: Prison Books Program 6:00 – 9:30 PM | Meet in E25 Lobby
RSVP at apo@mit.edu
Take a study break and help send books and educational materials to prisoners!
- Wednesday 2/11
Game Night 7:00 – 8:00 PM | APO Office (W20-415)
Play games and eat snacks with us! Stick around afterwards for our chapter meeting :)
- Thursday 2/12
Volunteer: Bikes Not Bombs 6:15 – 10:30 PM | Meet in E25 Lobby
RSVP at apo@mit.edu
Test your hands-on skills by taking apart bikes to ship to developing countries! No bike mechanics knowledge necessary.
- Friday 2/13
Black Morbid 5:00 – 7:00 PM | APO Office (W20-415)
Valentine’s Day is upon us, but it’s Friday the 13th! Come make cards that aren’t too sweet and eat oh-so-sweet dark treats.
- Saturday 2/14
SMBC: Saturday Morning Blankets and Cinema
12:00 – 3:00 PM APO Office (W20-415)
Come make blankets to donate to children in hospitals and watch the Lego Movie! No crafts experience required.

This space donated by The Tech

Kendall Hip, not Square.



Boston’s Local NPR

Online at wgbhnews.org

Solution to Speed Traps

from page 3

C	A	C	T	I	C	H	I	P	V	W	S								
A	P	R	O	N	N	A	P	E	J	E	A	N							
T	E	A	M	P	H	O	T	O	S	I	S	T	O						
E	D	G	E	O	U	T	S	T	U	M	P	E	R						
					W	E	E	D		S	P	A	R	E					
					A	B	B	E	Y	R	A	J	A	H					
					F	L	O	U	R	M	A	M	A	E	G	O	S		
					A	T	O	M	B	A	C	O	N	L	A	V	A		
					R	O	M	P	O	N	U	S		U	P	P	E	D	
									H	A	Z	E	L		U	N	S	E	R
					W	I	P	E	R		A	A	H	S					
					A	Q	U	A	T	I	C	S	U	N	S	I	G	N	
					F	U	N	D		P	U	M	P	H	A	N	D	L	E
					T	I	N	S		O	B	O	E		P	I	L	O	T
					S	T	Y			D	A	W	N		S	P	E	W	S

Solution to For the Birds

from page 5

O	N	T	O		A	C	R	E		T	W	O	P	M					
M	O	O	D		T	R	O	D		E	A	G	L	E					
I	N	F	O		D	I	V	E		A	X	L	E	S					
T	O	U	R	N	A	M	E	N	T	S	E	E	D	S					
					E	W	E			B	E	D							
					T	I	N	C	A	N	G	O	O	D	M	A	D		
					O	N	A	I	R	S	O	O	N		M	E	N	U	
					W	A	I	T	S	I	N	T	H	E	W	I	N	G	S
					E	N	V	Y		M	O	O	S		I	N	S	E	T
					D	E	E		S	E	W	N		I	D	E	A	L	S
									C	P	A		O	N	E				
					M	A	C	H	I	N	E	G	U	N	N	E	S	T	S
					V	A	L	I	D		T	A	T	A		B	L	U	E
					P	R	U	N	E		A	L	O	T		B	A	B	E
					S	P	E	A	R		S	A	F	E		S	P	A	S

Solution to Sudoku I

from page 3

7	4	6	5	9	8	1	2	3
9	2	3	1	4	7	8	5	6
8	5	1	6	3	2	9	7	4
3	1	7	9	6	5	2	4	8
6	9	2	8	1	4	5	3	7
4	8	5	7	2	3	6	1	9
5	6	4	2	7	9	3	8	1
2	7	9	3	8	1	4	6	5
1	3	8	4	5	6	7	9	2

Solution to Sudoku II

from page 3

4	9	2	5	1	6	3	8	7
3	8	5	4	9	7	1	2	6
7	6	1	3	8	2	4	5	9
8	5	4	2	6	9	7	1	3
9	1	6	7	3	8	2	4	5
2	3	7	1	4	5	9	6	8
1	4	9	8	5	3	6	7	2
5	2	3	6	7	4	8	9	1
6	7	8	9	2	1	5	3	4

Solution to Techdoku I

from page 3

2	6	3	1	5	4
6	4	1	5	3	2
3	1	4	2	6	5
4	2	5	3	1	6
5	3	6	4	2	1
1	5	2	6	4	3

Solution to Techdoku II

from page 3

4	2	1	6	5	3
6	4	3	2	1	5
1	5	4	3	2	6
3	1	6	5	4	2
2	6	5	4	3	1
5	3	2	1	6	4

Solution to Sumo Techdoku

from page 5

5	7	6	3	8	9	1	2	4
2	4	3	9	5	6	7	8	1
1	3	2	8	4	5	6	7	9
9	2	1	7	3	4	5	6	8
6	8	7	4	9	1	2	3	5
7	9	8	5	1	2	3	4	6
3	5	4	1	6	7	8	9	2
4	6	5	2	7	8	9	1	3
8	1	9	6	2	3	4	5	7

Don't be a ghost!

If you are registered
for a CI-H subject
you do not plan
to take,
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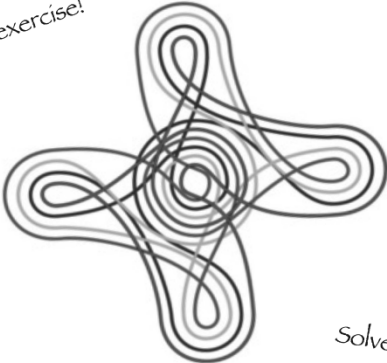
Tech



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Sala de Puerto Rico, Student Center, W20

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Fewer freshmen take early sophomore standing

Several students accept offer to exceed freshman credit limit of 57 units per semester

Academics, from Page 1

take more courses. I'm not sure if I'll actually end up using sophomore exploratory, but only because I don't think I need it for my current courses."

Jing C. Lin '18, who declared course 6-3, also accepted early sophomore standing to exceed the credit limit. "I'm taking four classes this spring semester. The Linear Algebra Advanced Standing Exam I'm taking at the end of the term will put me over 57 units, which makes it nice to have sophomore standing," he said. (Lin is a writer for *The Tech*.)

Early sophomores generally perform well academically. According to Norman, "historically, the average spring GPA for early sophomores is 0.2-0.3 points above average for spring first year students."

Early sophomores are graded on an A-to-F grading scale as opposed to the second-semester freshman ABC/no-record scale for the spring semester.

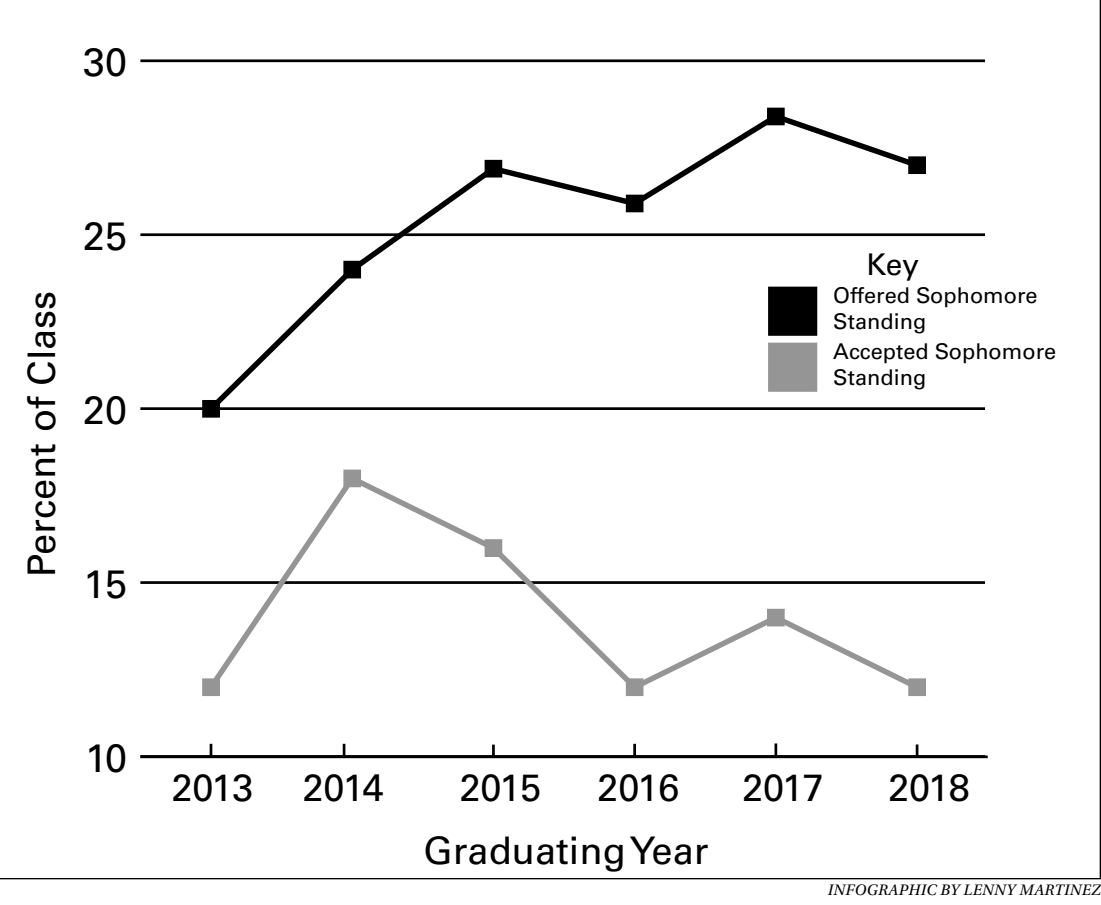
For these reasons, among others, Elizabeth Li '18 chose not to take sophomore standing. "I originally wanted to take sophomore standing because there were four technical classes I really wanted

to take, but I didn't want to get behind on HASS classes," she said. "However, I found a 9-unit HASS, so that made it so I didn't have to exceed the credit limit. I also chose to not take sophomore standing because one of the classes I'm taking, I'm actually pretty uncomfortable with, so I want to be able to have that safety net in case something doesn't work out."

In order to be eligible for early sophomore standing, freshmen must have completed a quarter of their SB degrees, or 96 units, by the end of the first semester. They must also have completed or received credit for the majority of the General Institutional Requirements and a Communication Intensive subject. Students may obtain credit from prior transfer credit, Advanced Placement exams, International Baccalaureate exams, or ASEs. There is no petition process for early sophomore standing.

Credits earned during independent activities period (IAP) are not considered when determining early sophomore standing eligibility. However, freshmen taking fall classes that extend into IAP, such as 8.01L and 18.02A, must pass those classes in order to remain eligible.

Early Sophomore Standing Eligibility and Acceptance Rates



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Somerville, MA



```
File Edit Options Buffers Tools Im-Python Python Help
from new_skills import *

def learnMarketableJobSkills():
    return linux, OSX, javascript, applescript, perl, python, PHP

if self.interest == True:
    print "E-mail join@tech.mit.edu"

----:----F1 joinTechno.py (Python)--L1--Top-----
```


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