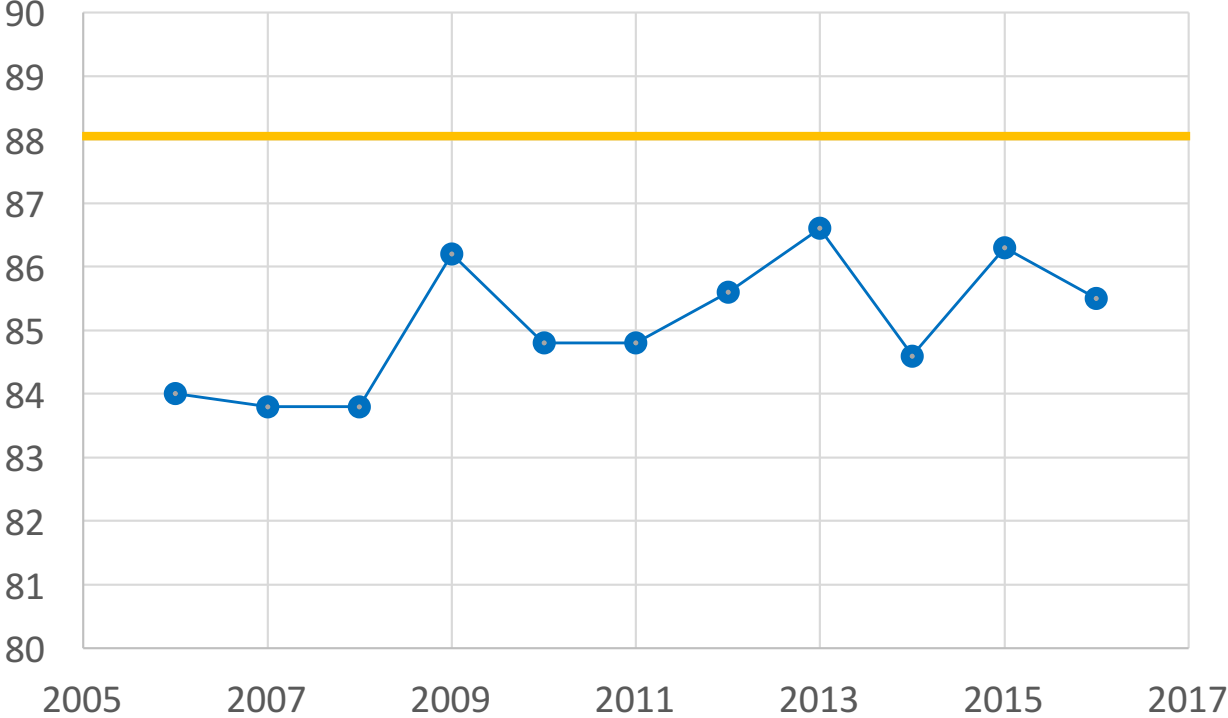


Closing the Student Success Loop:

Data . . . Communication . . . ACTION!

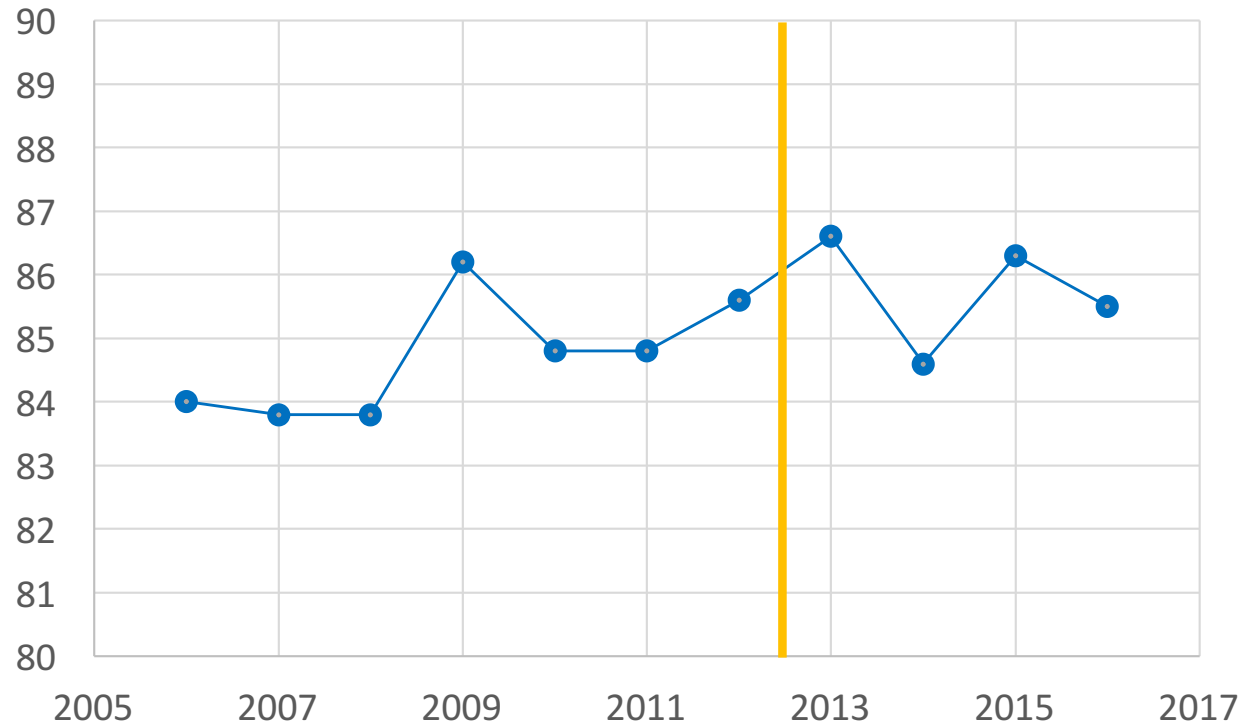
R.J. Hinde
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Retention rates for FTF, Fall 2006 to Fall 2016:



**Goal for
2017 FTF**

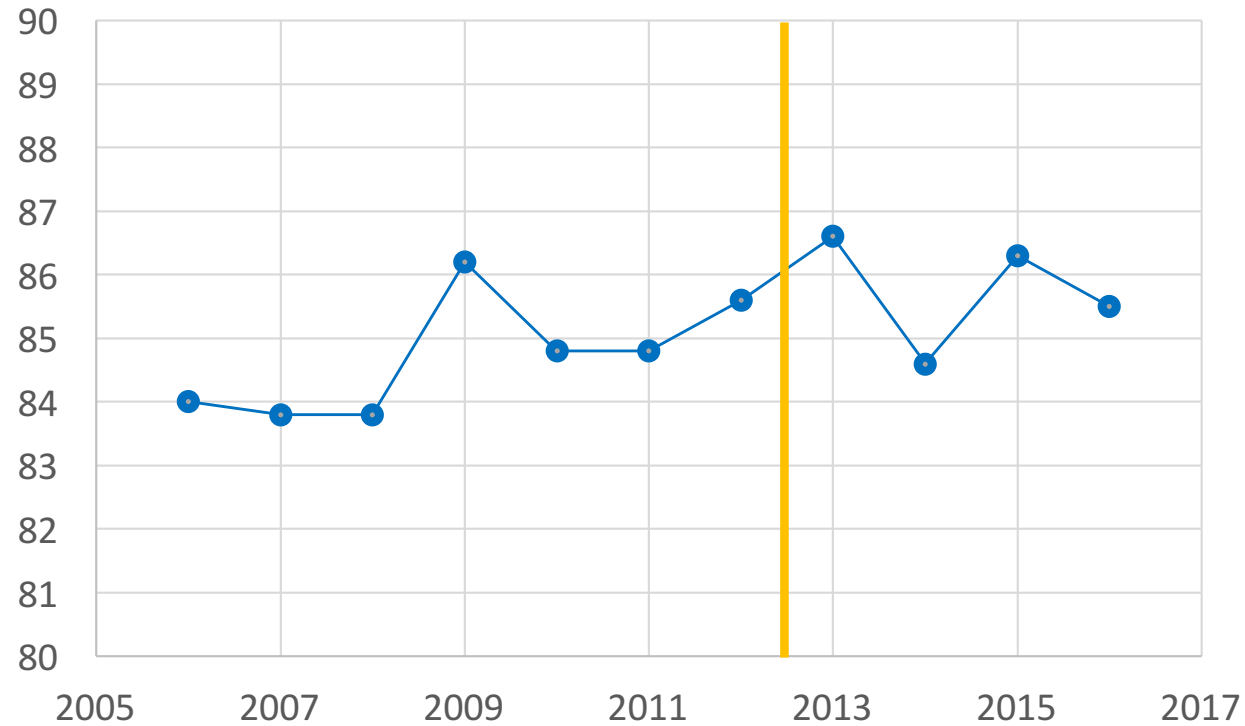
Retention rates for FTF, Fall 2006 to Fall 2016:



“Take 15, graduate in 4”

**15/4
tuition
plan**

Retention rates for FTF, Fall 2006 to Fall 2016:

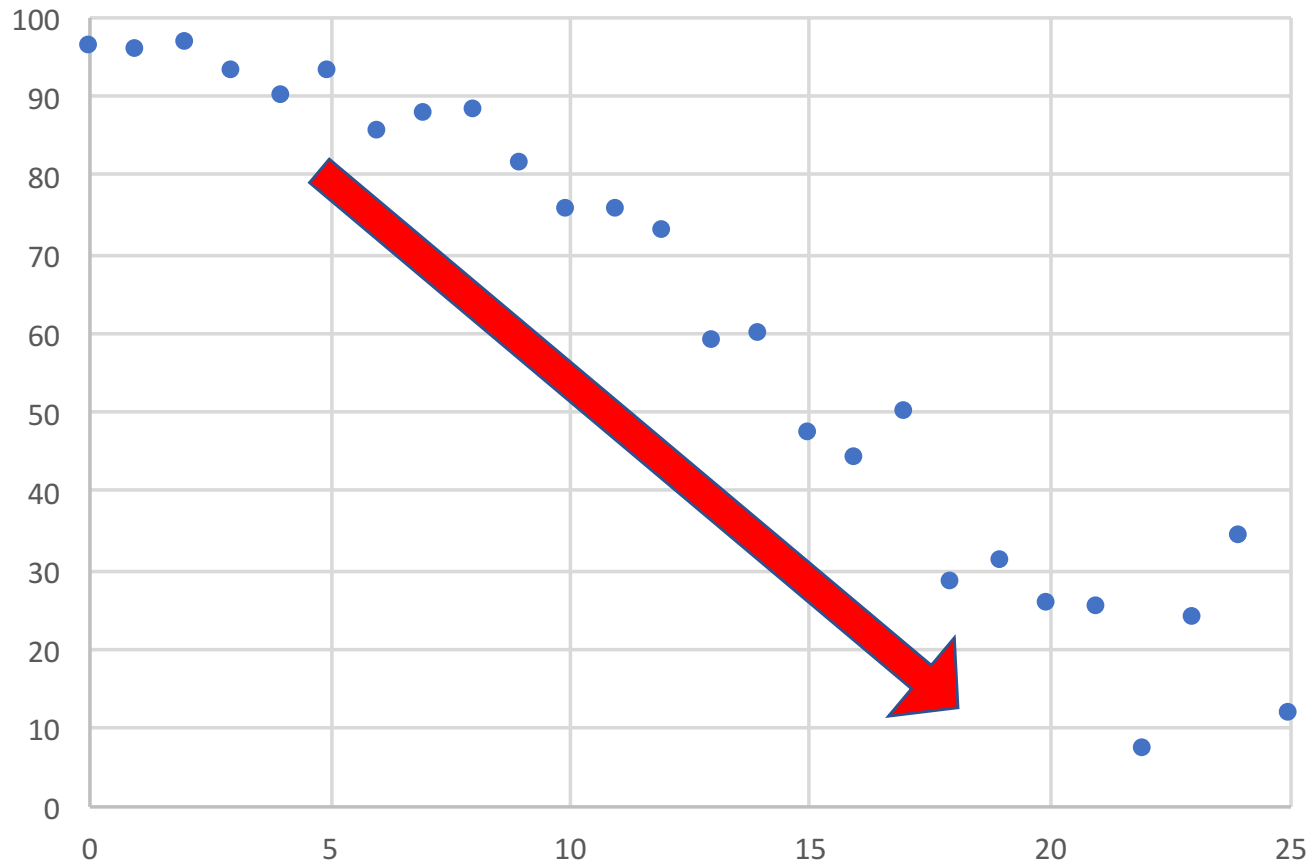


Earn

~~“Take 15, graduate in 4”~~

**15/4
tuition
plan**

Retention rate for FTF (2013, 2014, 2015) who attend one full year, depending on the first year's total unearned hours (W, NC, F)



First year unearned hours

Retention rate for FTF (2013, 2014, 2015) who attend one full year, sorted into unearned hour “buckets”:

Spring semester unearned hours

		0	1 to 3	4 to 6	7 to 9	10+
Fall semester unearned hours	0	96.1%	93.4%	88.7%	79.7%	61.8%
	1 to 3	94.2%	88.9%	86.3%	70.1%	38.0%
	4 to 6	89.6%	90.4%	85.2%	60.0%	29.9%
	7 to 9	87.0%	76.2%	62.7%	53.8%	24.0%
	10+	80.6%	60.4%	54.7%	30.0%	15.0%

Unearned hours in the Spring semester are especially problematic . . .

Spring semester unearned hours

Fall semester unearned hours

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Consider a “Finish Strong” campaign?

Spring semester unearned hours

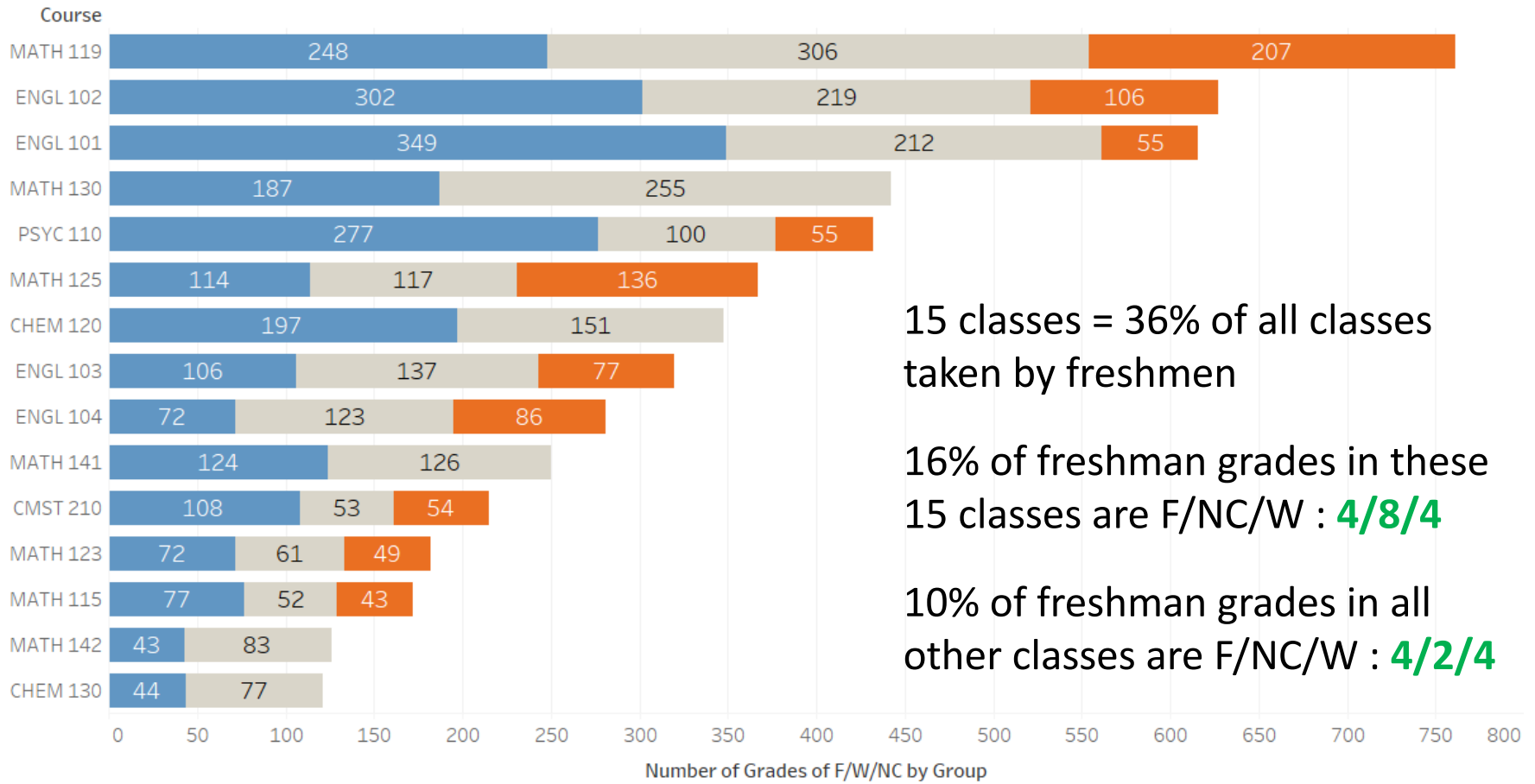
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GPA alone might not be the most reliable indicator of retention risk . . . Many “buckets” have mean GPA > 2.0:

Spring semester unearned hours

		0	1 to 3	4 to 6	7 to 9	10+
Fall semester unearned hours	0	3.4	3.0	2.8	2.4	1.9
	1 to 3	3.0	2.7	2.4	2.0	1.6
	4 to 6	2.8	2.5	2.4	1.8	1.5
	7 to 9	2.6	2.2	2.0	1.7	1.1
	10+	2.2	2.0	1.5	1.2	0.5

Top 15 classes by unearned hours (Fall 13 to Spring 16):



15 classes = 36% of all classes taken by freshmen

16% of freshman grades in these 15 classes are F/NC/W : **4/8/4**

10% of freshman grades in all other classes are F/NC/W : **4/2/4**

Action: Early Alerts!

Action: Inspect 4-year degree plans

W grades vs. F and NC grades for 2013 FTF:

760 FTF students received F/NC grades in Fall 2013

649 FTF students received F/NC grades in Spring 2014

Average number of F/NC hours = 5.3 (Fall)

5.5 (Spring)

455 FTF students received W grades in Fall 2013

642 FTF students received W grades in Spring 2014

Average number of W hours = 3.9 each semester

Communication: Alert advisors to Fall term late drops

Action: Formulate a Finish Strong plan for Spring

A grade of NC in FYS 100 could provide an early warning signal:

FYS 100	All Students	“NC” in FYS 100 (305)	“S” in FYS 100
Total Hours Unearned	2.5	8.0	2.6
Persistence Rate	96.1%	86.6%	96.3%
Retention Rate	87.0%	62.0%	87.6%

Communication: Provide advisors with FYS 100 NC list

Action: Keep an eye on FYS 100 non-completers

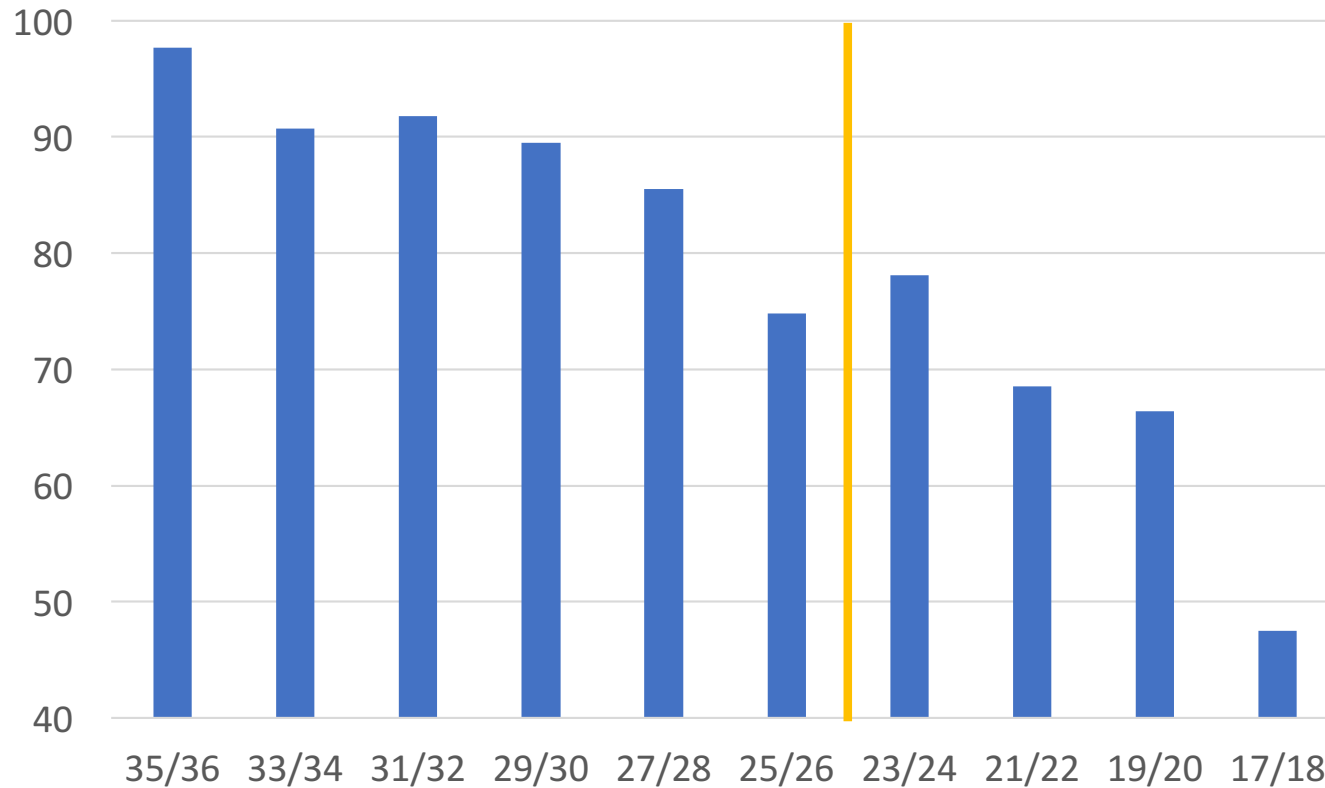
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Thank you to the Provost’s summer interns (Business Analytics undergraduates):

Bryce Curtsinger and John “Tanner” Martin

Math ACT score and success rate in Chemistry 120:



Action: Better placement practices!

Action: Instructor support for the retention project

UTK's Journey to 88% Retention

The Three E's of First-Year Retention: An Instructor's Toolkit

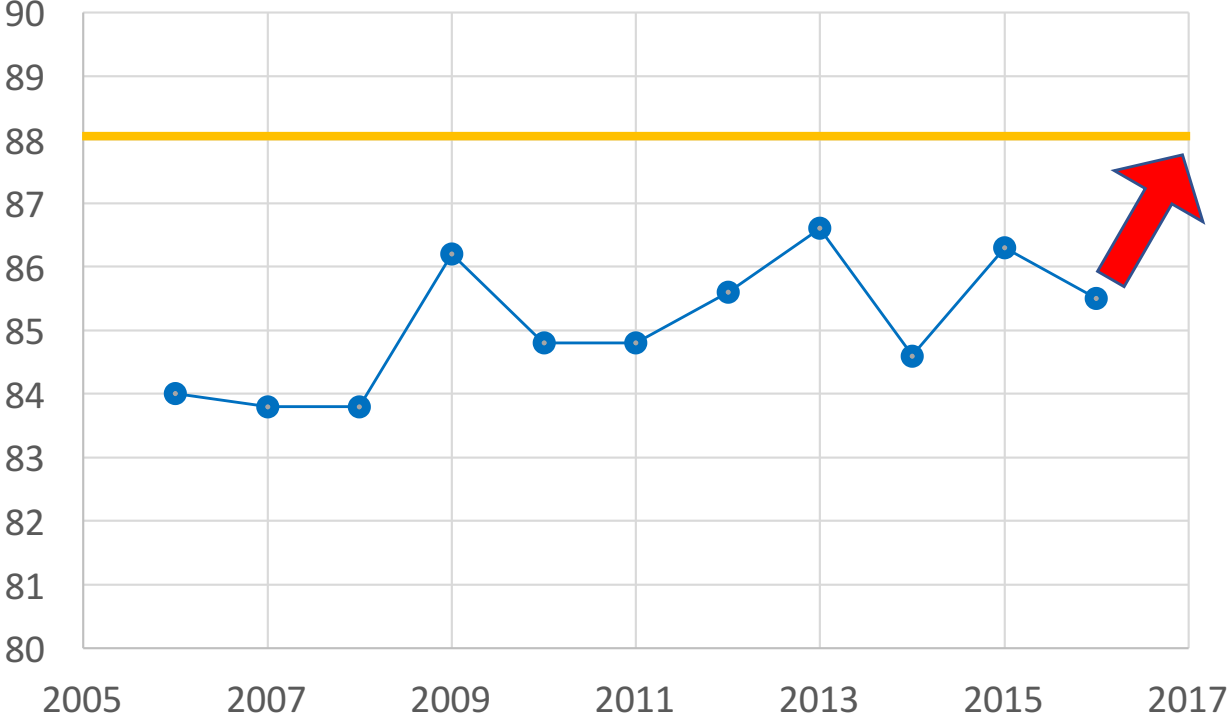
Expect more . . .

- Set **high performance expectations and explain them clearly** in class and on your syllabus. This helps students understand that although college is different from high school, you believe that they can rise to the challenge.
- Ensure that your course has **early, low-risk assessments** that help students evaluate their own progress. This helps students gauge whether their study habits are effective.

Engage more . . .

- Create reasons for students to **visit your Canvas course site frequently**. Student use of Canvas correlates strongly with overall academic engagement.
- Construct assignments that **connect to contemporary social issues**. UTK students embrace the Volunteer

Retention rates for FTF, Fall 2006 to Fall 2016:



**Goal for
2017 FTF**

Questions?

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