

# WELCOME TO LAKE CHARLES!

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NAPTA Winter General Meeting 2019  
Friday, February 22, 2019  
Isle of Capri Conference Center  
Lake Charles, LA



# **Welcome to the NAPTA General Meeting**

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**Greetings from the NAPTA  
Board Chair**

**David Esquibel**

**Safety Moment**

**“caring by sharing”**

# Presentation of NAPTA Board

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## **2019 Board of Director Members Are:**

**David Esquibel – Chair/Chief Executive Officer**

**David King – Vice-Chair**

**Glenn Johnson – Treasurer/Chief Financial Officer**

**Eric Newby – President/Executive Director**

**Steve Backman – Secretary**

**Madonna Adams – Director**

**Sallie Kay Janes – Director**

**Scott Krejci – Director**

# **Participant Introductions**

## **Executive Director – Eric Newby**

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- **Name (nickname, if you dare...) and Title**
  - **Employer – Who you're here representing**
  - **Job/Duties – What you do for who you're with**
  - **PTEC Involvement – How you contribute - Advisory or NAPTA committee(s) or other**
- 
- **PLEASE BE BRIEF...**

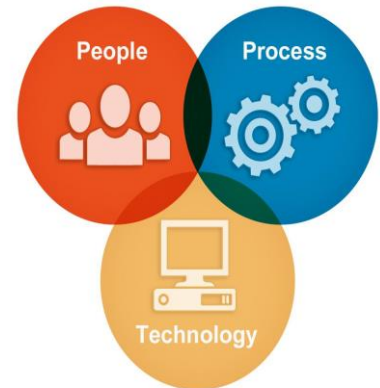


Pearson

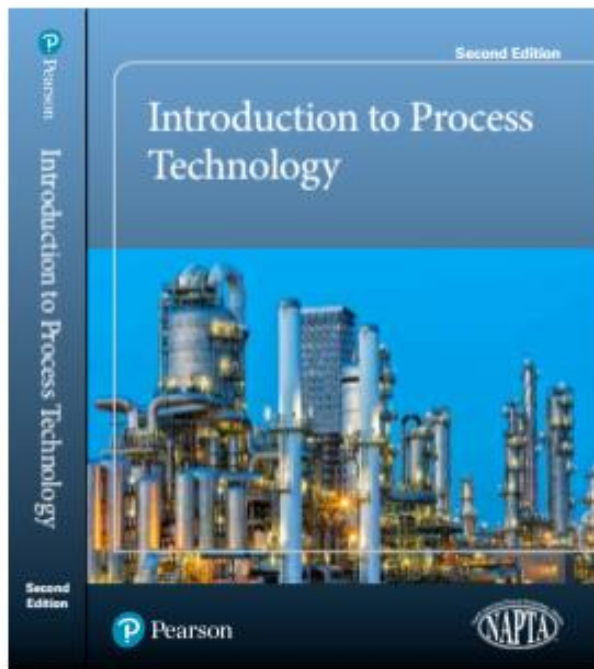


# Learning Materials Update

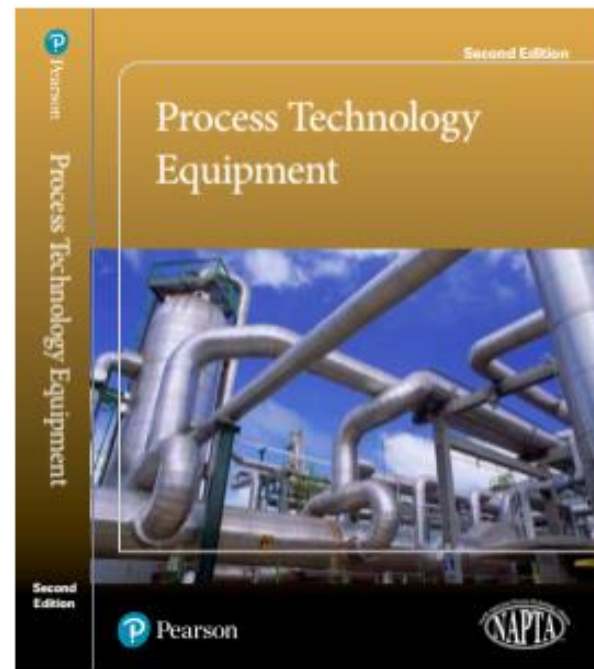
Feb. 22, 2019  
Greg Oliver



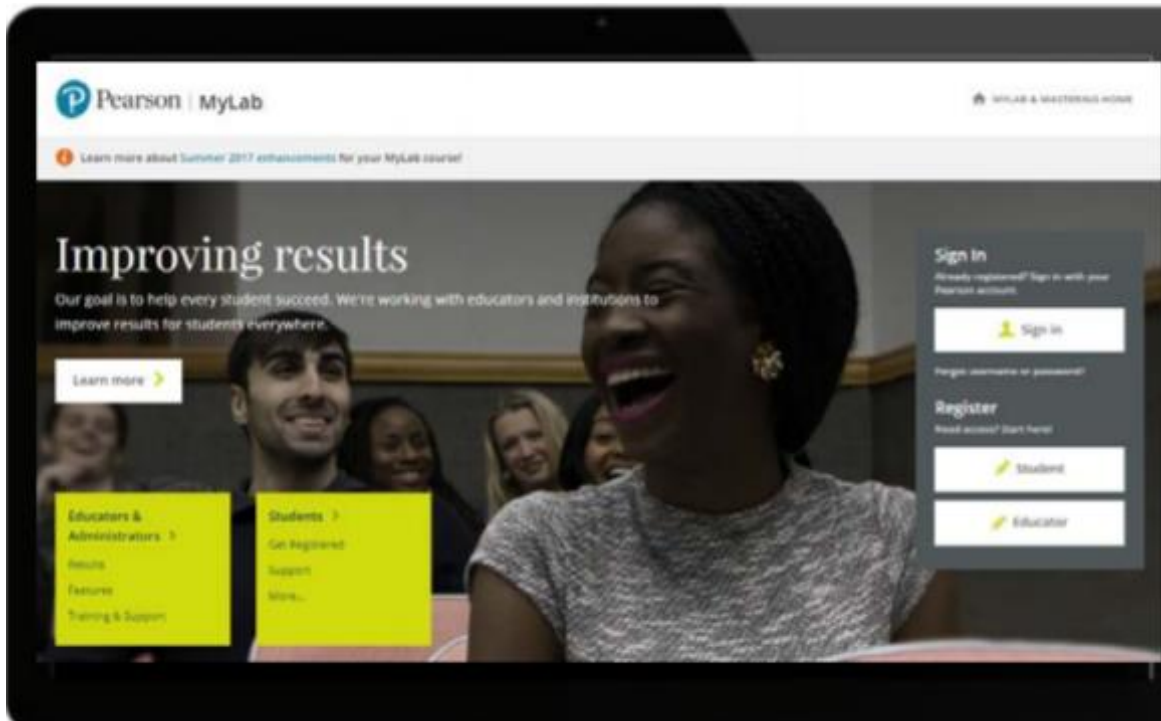
**PUBLISHED – Oct 20, 2017**



**PUBLISHED – Oct 15, 2018**



## MyLab/Process Technology for Introduction to Process Technology, 2e

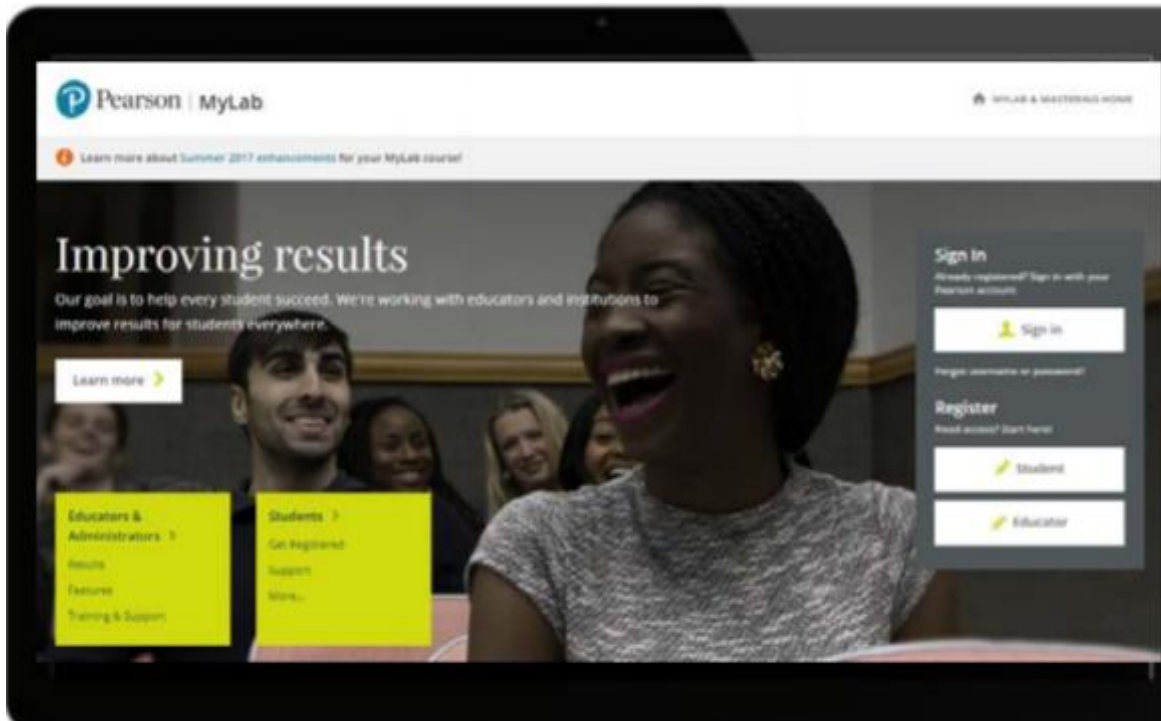


Includes:

- Interactive Key Term review
- Chapter Review Quiz questions
- Equipment and Process Review (interactive)
- Short Answer Questions
- Student eText 2.0



## MyLab/Process Technology for Process Technology Equipment, 2e



In final build of eText and MyLab course

Anticipate fully live by May 2019

Same format as Intro



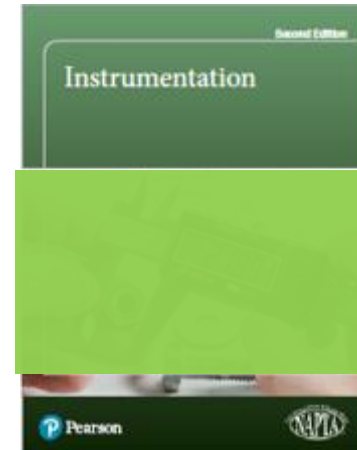
# Instructor Materials - Reminder

Instructor resource	Description
Lesson Plans	For each chapter: <ul style="list-style-type: none"><li>• Suggested teaching time to reach objectives</li><li>• Any particular prep needed</li><li>• Suggested classroom and lab activities</li><li>• Set of unique MC review questions similar to but unique from EOC questions</li></ul>
PPT slides	Chapter by chapter and associated with lessons in lesson plans
Review questions	End of lessons (and/or chapter) review questions
Test bank	3-5 multiple choice questions per chapter objective. Include correct answer and rationales for all answers. Tagged to learning objective.

# In Development/Update



- Technical Editor: Ray Player
- 24 chapters and art submitted to production Nov '18
- Copy-edit review completed on schedule
- Page proof stage begins this month
- Target in stock June 2019



- Technical Editor: John Sluder
- 23 first-draft chapters completed
- Academic/Industry reviews of 13 chs done; last 10 chs in process
- Face-to-face art meeting 18 Jan; TE currently is processing art plan
- DE requesting second drafts from contributors/ revisers
- Cover being finalized
- Final drafts to start to production – Mar/Apr 2019
- Target in stock Jan 2020

# What's New in Safety 2e?

- **New!** Full Color Design
- **All New!** Comprehensive Art Program including new visuals of process flow; quality control, logic flow and equipment process
- **All New! Alignment** of chapter objectives to new NAPTA curriculum!
- **New!** Key term definitions at beginning of each chapter
- **Updated!** Checking Your Knowledge questions to chapter objectives and new Answers Appendix
- **Thoroughly Updated Content!** Growth and Development of Industry into the 2010's; appropriate new legislation; new data sets (like cost to create new drugs for Pharmaceutical)
- **New!** Emphasis on **Safety** throughout text and inclusion of industry events that led to new safety legislation.
- **Expanded content** on current methods of oil and gas extraction (fracking); process auxiliary systems, and process service utilities
- **All New** Instructor Resource Package!

# What's New in Instrumentation 2e?

- **New!** Full Color Design
- **All New!** Comprehensive Art Program including more than 450 fully revised drawings and photos
- **All New! Alignment** of chapter objectives to new NAPTA curriculum!
- **New!** Key term definitions at beginning of each chapter
- **Updated!** Checking Your Knowledge questions to chapter objectives and new Answers Appendix
- **All New** Instructor Resource Package!
- **Content organization to enhance learning-** process variables (Chs. 1-6); symbology, hardware, and instrumentation communication (Chs. 7–9); control loops, controllers, and control schemes (Chs. 10–16); Digital Control, PLC, DCS, power supply, ESD, malfunctions, and troubleshooting (Chs. 17–23)
- **New content** on intrinsically safe display devices/tablets, wireless technologies, and open Internet (intranet) protocol transmission/addressing
- **Expanded-** Additional coverage of the roles of a process technician related to cybersecurity, industry 4.0, and analytic data trends

# Last 2 second-edition titles

## Process Operations, 2e

Technical Editor needed  
Contributors/ chapter revisers needed

Q4 2018: Planning

Q2/Q3 2019: First Draft to be completed by Contributors  
•Q2/Q3 2019: External reviews/second drafts completed  
Q4 2019, Q1 2020: Chapters to production

Anticipated Release June 2020

## Process Quality, 2e

Technical Editor needed  
•Contributors/ chapter revisers needed

Q1 2019 Prereviews – in process

Q3 2019 - First draft to be completed by  
Contributors

Schedule ~ 6 months behind Operations

Anticipated Release Dec 2020 or Early 2021

# Planning New First Editions

## Systems

Technical Editor: Gary Hicks

- Q1 2019: Planning, aligning to NAPTA objectives, developing Table of Contents (21 chapters)
- Q2-Q4 2019: Assemble writers and begin work on first drafts; obtain internal and external reviews of first drafts; develop art program (building on art for Instrumentation)
- Q1 2020: Use reviews to develop second drafts
- Q2 2020: begin production

- Anticipated Release Fall 2020 or Early 2021

## Troubleshooting

Still TBD



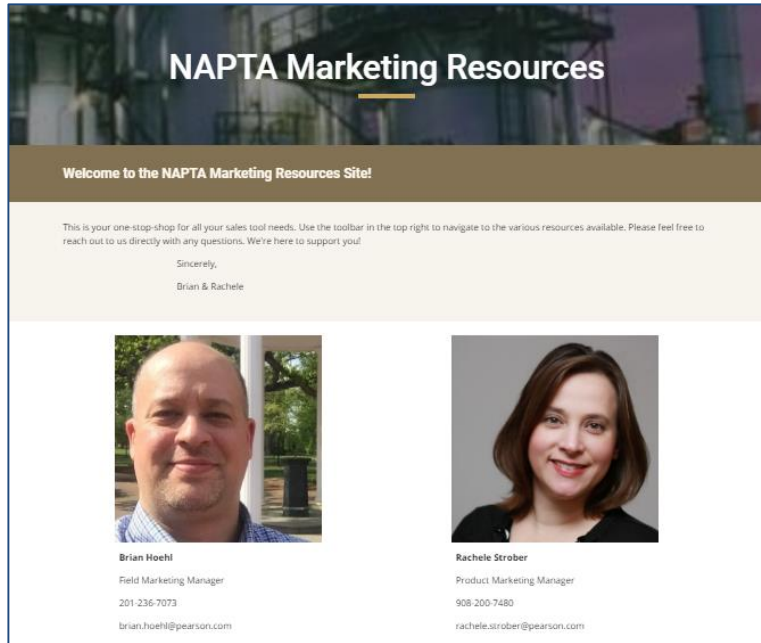
Marketing



# Marketing Overview

- Internal Marketing Materials
- Product Center Marketing
- MyLab Marketing
- Email Messaging
- Print/Digital (Flyers and Videos)
- Conferences
- Webinars

# Marketing: Internal

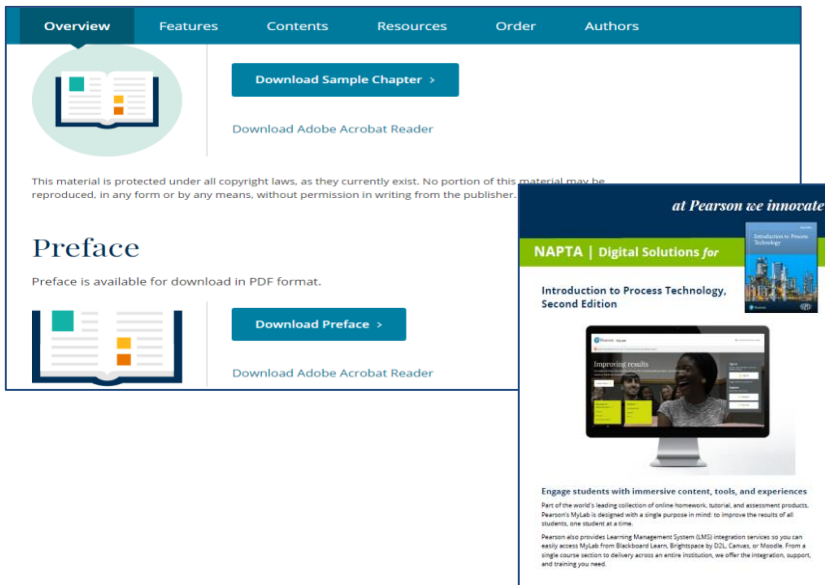


**Marketing resource site created (*internal use only*)**  
**1 place for all rep tools**

- Instock dates
- Market overviews
- Adoption history reports
- Program information
- Product comparison grids
- Flyers
- PPT decks
- MyLab information

***Created in 2018 - this “live” site will continually be updated with the latest sales tools.***

# Marketing: Product Centered



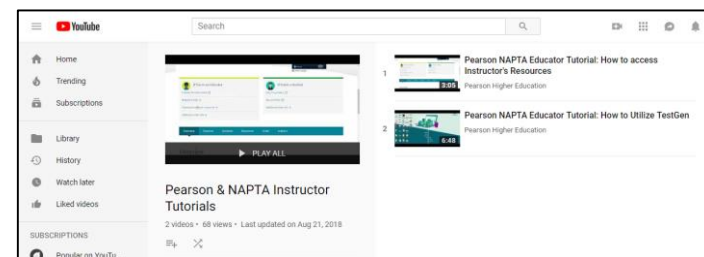
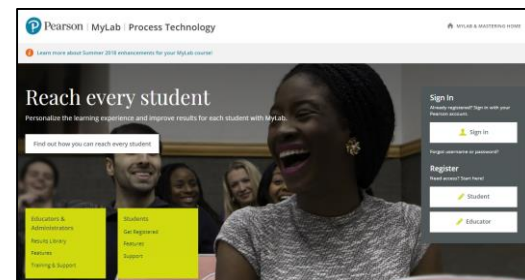
- Electronic Marketing Copy (EMC), Sample Chapters, Prefaces all uploaded to promote titles on pearson.com
- Back cover copy crafted to promote not only the individual title, but also the series as a whole
- Flyers produced for all individual titles
- MyLab Process Technology home page crafted to promote MyLab features.
- MyLab Process Technology Flyer created

*This activity will continue for all our forthcoming titles.*

# Marketing: MyLab

## Instructor and Student implementation materials created including:

- MyLab Student User's Manual
- MyLab Instructor Quick Start Guide
- MyLab Process Technology [Instructor Getting Started Video](#)
- Created a Student "[First Look](#)" Video
- [1-minute tour](#) of MyLab Process Technology
- Created Instructor's Resource Center [instructional videos & playlist](#)



# Marketing: 2018 Smartmails

- **Average Open Rate for Process Tech smartmails in 2018 - 18%**  
(Pearson average 16%)
- **Average Click Through Rate for 2018 - 2%** (Pearson average 3%)

***Fantastic results!***



# Marketing: Coming up in 2019

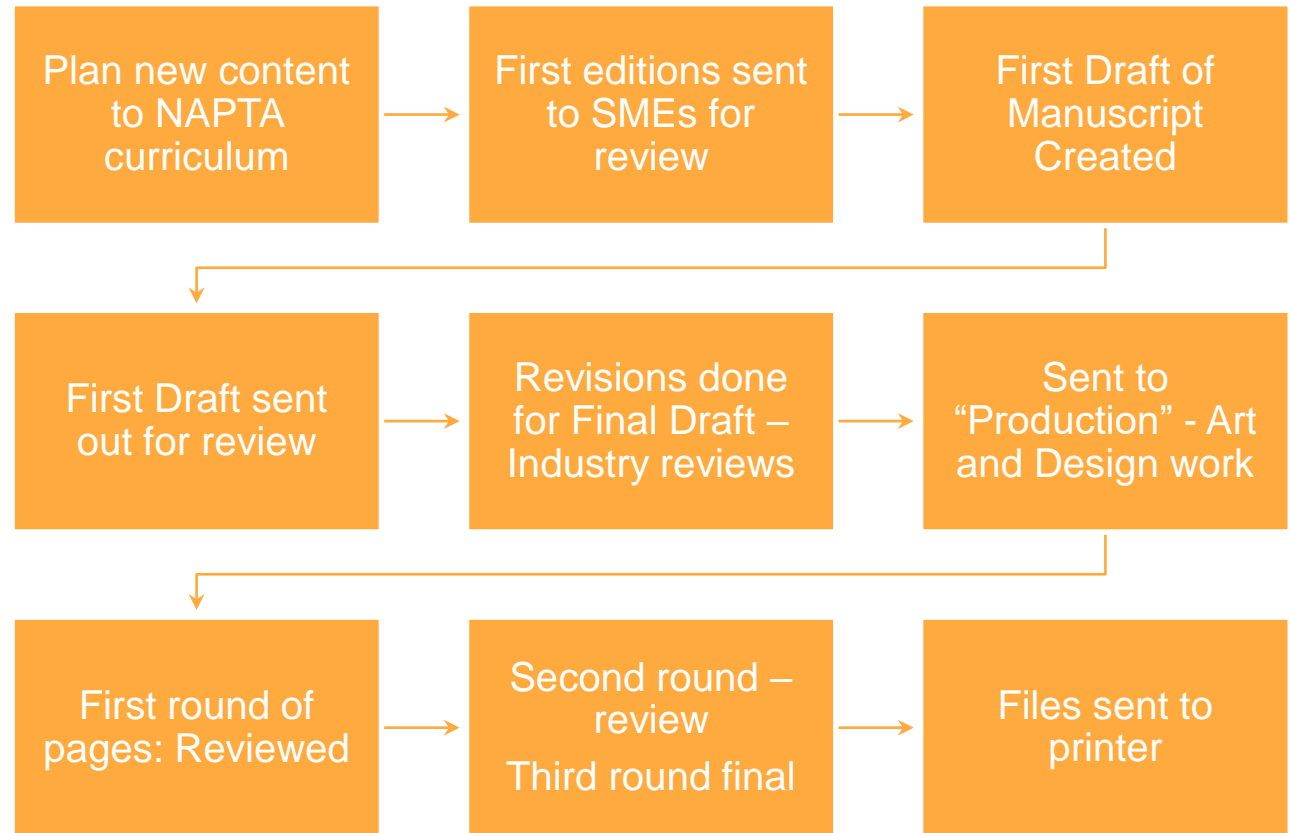
- Flyers for *Safety, Health & Environment* and *Instrumentation*
- Smartmail campaigns
  - Q1: Promotion of all titles + coming soon for MyLab PTE
  - Q2: MyLab Webinar for faculty
  - Q2: Now "Live" - MyLab for Process Technology Equipment, 2nd Ed.
  - Q2: Coming Soon - Safety, Health & Environment, 2nd Ed.
  - Q2: Now Available - Safety, Health & Environment, 2nd Ed.
  - Q3: Ready for Fall course repromote of list
  - Q3: NAPTA Fall conference blast
  - Q4: Coming Soon - Instrumentation, 2nd Ed.
  - Q4: Now Available - Instrumentation, 2nd Ed.
- Desk copies sampled upon publication



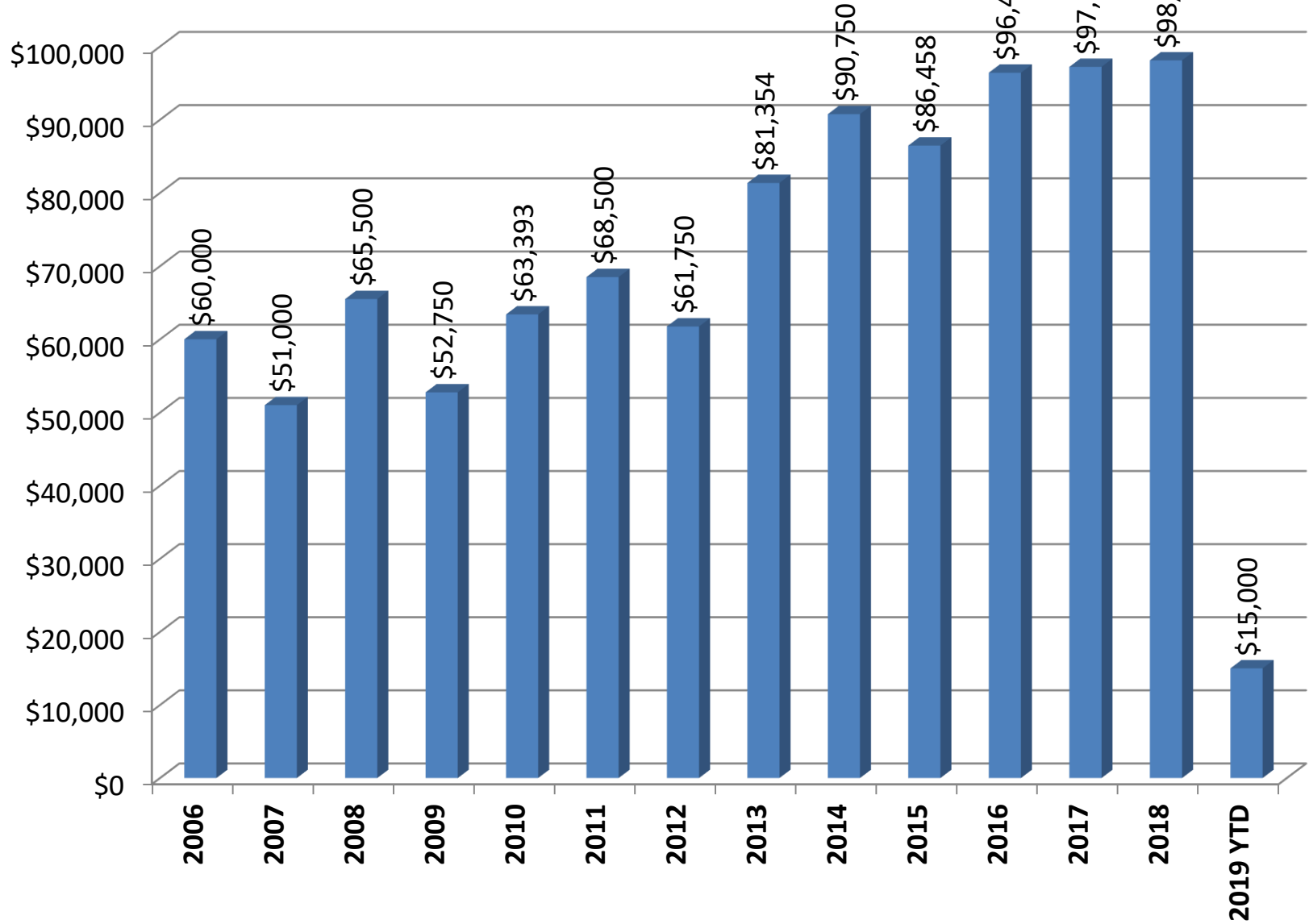
Questions?



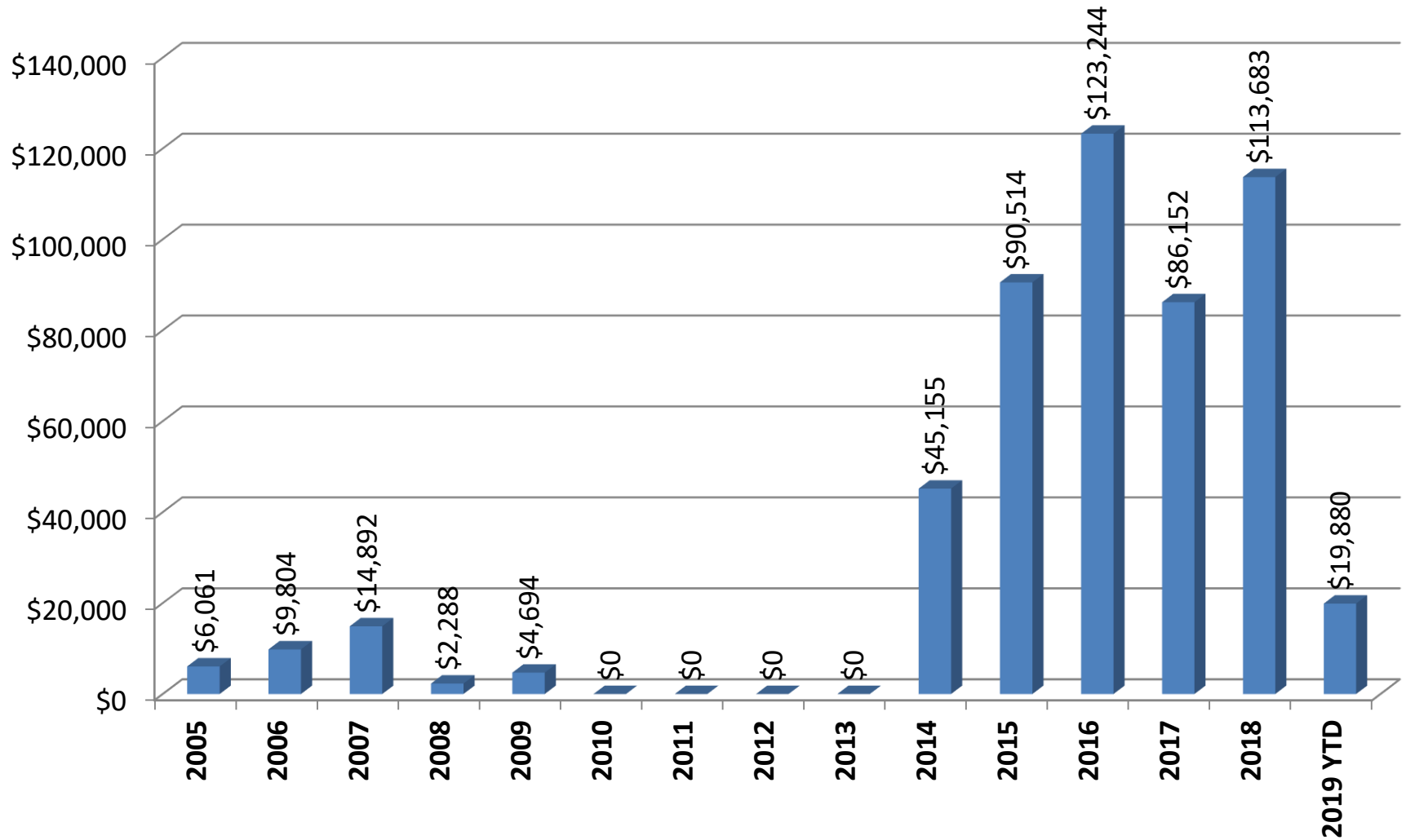
# Reminder of the Process



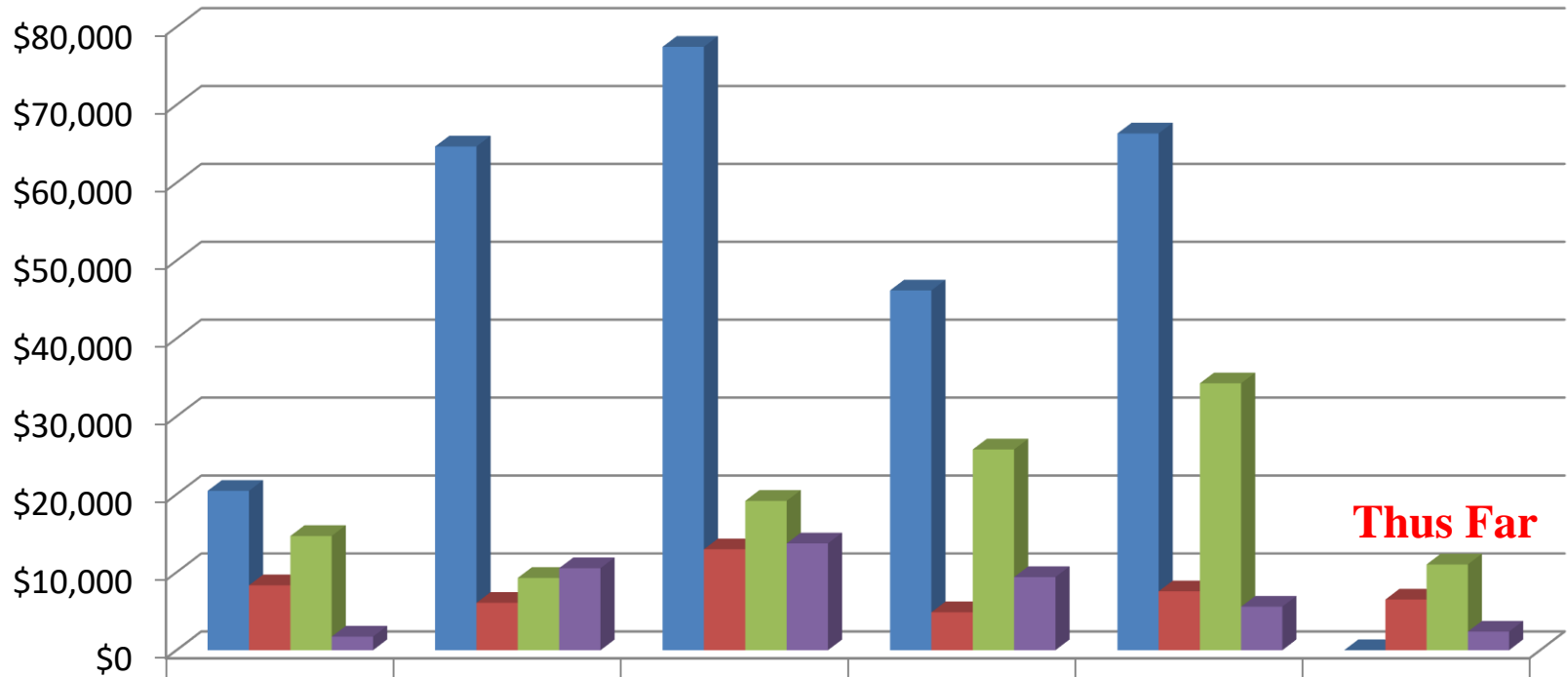
## Subscription Income



## Learning Resource Income

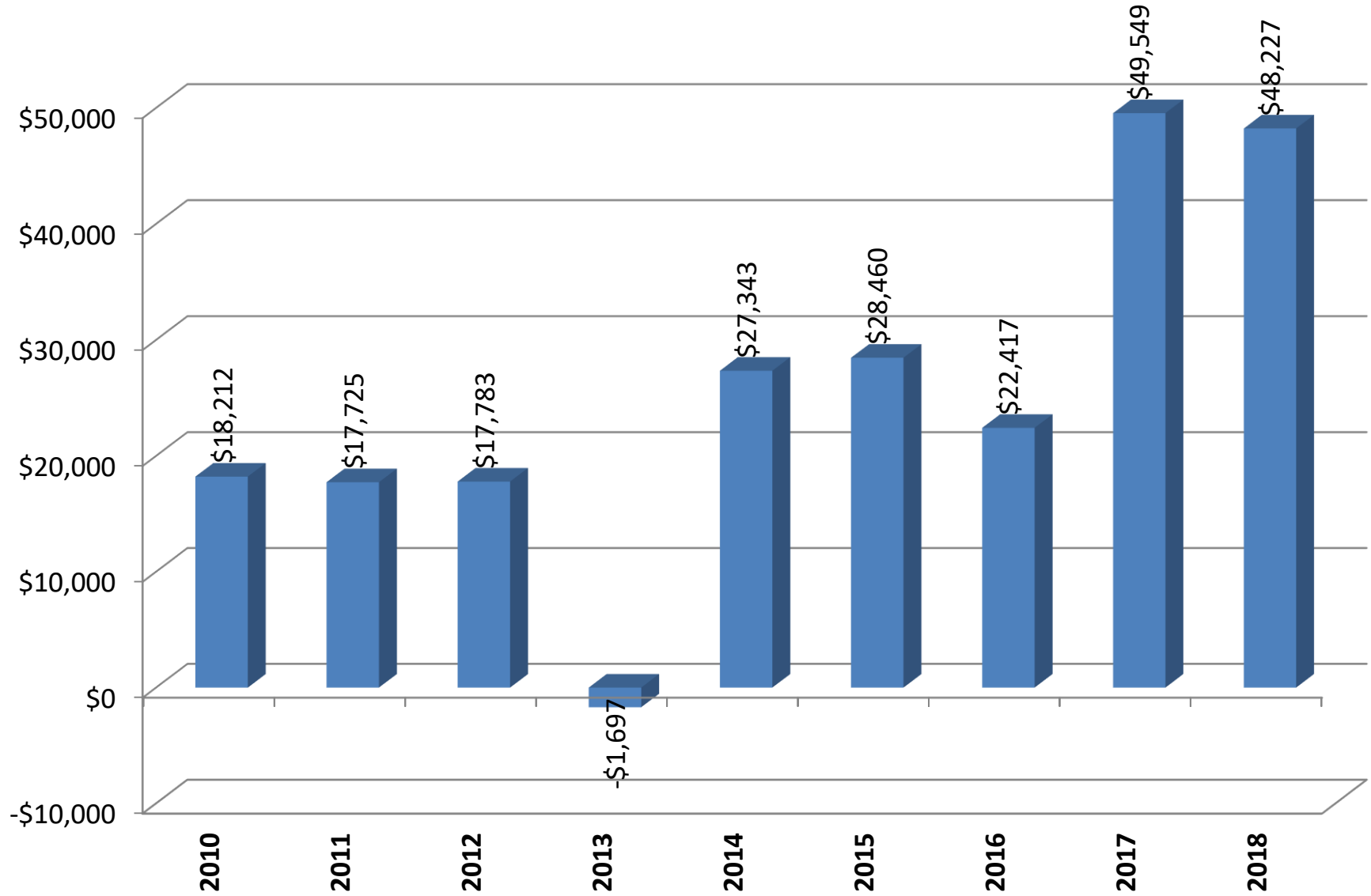


## Curriculum Income Breakout

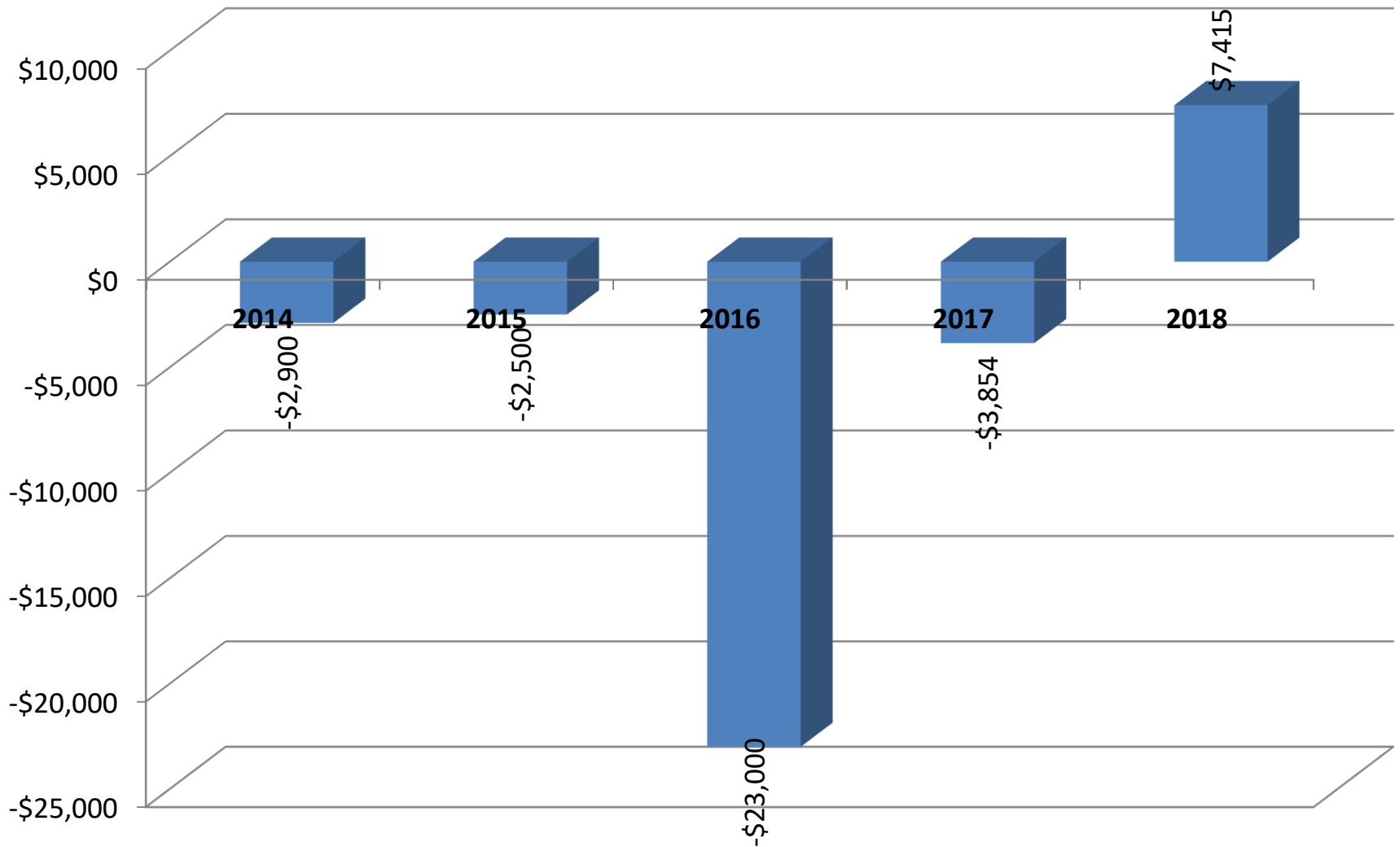


■ Pearson (Text Books)	2014	2015	2016	2017	2018	2019 YTD
■ Student Workbooks	\$20,440	\$64,647	\$77,444	\$46,158	\$66,320	\$0
■ PTEX Exam	\$8,325	\$6,076	\$12,945	\$4,864	\$7,547	\$6,500
■ WBT Orders	\$14,650	\$9,270	\$19,158	\$25,750	\$34,237	\$11,000
	\$1,740	\$10,521	\$13,697	\$9,380	\$5,579	\$2,380

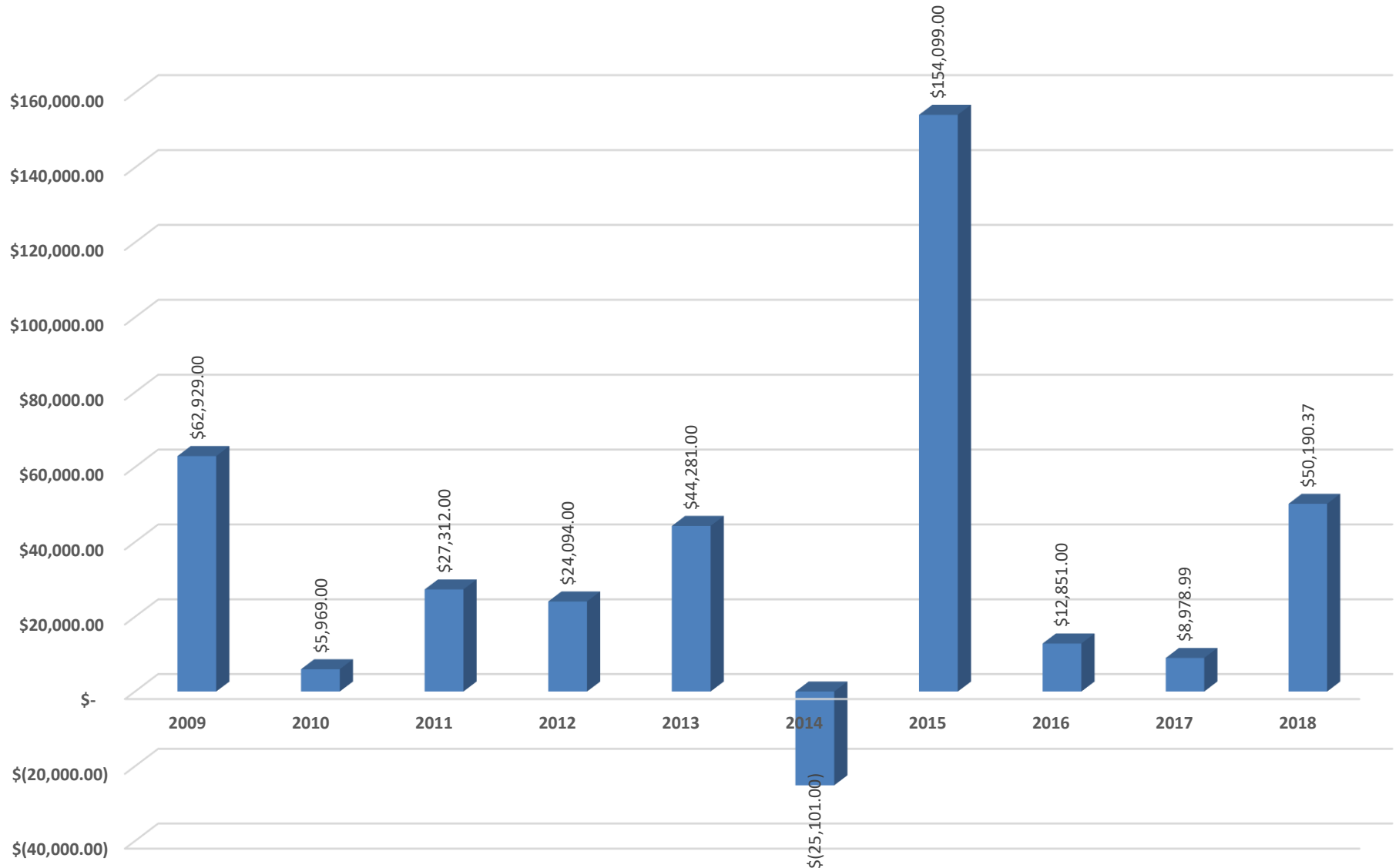
## ISC Profit/Loss



## Troubleshooting Skills Competition - Profit/Loss



# NAPTA Actual Over-Under Spending from Budgeted Allowance





# Organizational Performance Scorecard

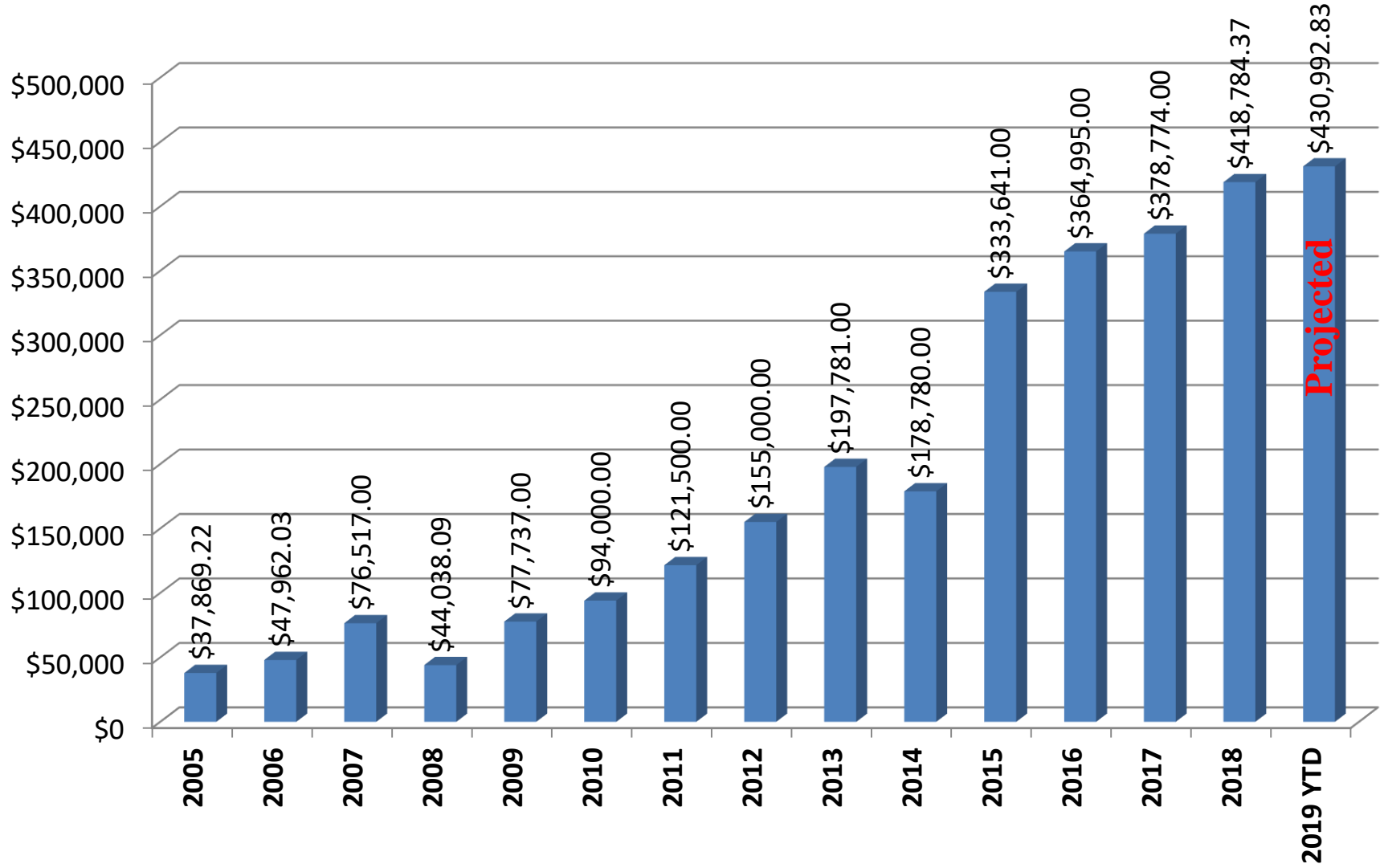
## 2018 Organizational Performance

Goal Categories	Previous Year	Goal	Stretch Goal	YTD/Actual	% of Goal
# of Full Subscription Paying Members	88	90	92	92	102%
# of ISC Attendees	156	167	172	165	99%
# of TSC Attendees	65	75	80	71	95%
Income from Learning Resource Sales	\$ 87,600.45	\$ 98,500.00	\$ 103,425.00	\$ 113,682.96	115%
Free Cash Flow (End of Year Balance)	\$ 378,774.01	\$ 355,720.00	\$ 373,506.00	\$ 418,784.37	118%

## 2019 Organizational Performance

Goal Categories	Previous Year	Goal	Stretch Goal	YTD/Actual	% of Goal
# of Full Subscription Paying Members	92	95	100	75	79%
# of ISC Attendees	165	170	175		0%
# of TSC Attendees	71	135	150		0%
Income from Learning Resource Sales	\$ 113,682.96	\$ 120,000.00	\$ 125,000.00	\$ 19,880.00	17%
Free Cash Flow (End of Year Balance)	\$ 418,784.37	\$ 426,120.37	\$ 447,426.39	\$ 430,992.83	101%

## End of Year Balance



# “NEW” Members

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Steve Backman – NAPTA Secretary

- Presentation of new members
  - Navarro College, Corsicana, Texas
  - Hampden Engineering, East Longmeadow, MA
  - Voovio Technologies, Houston, TX
  - EBR Career and Technical High School, Baton Rouge, Louisiana
  - Longview High School, Longview, Texas
  - Satellite Center-St. Charles Parish Public Schools, Luling, Louisiana
  - South Plaquemines High School, Buras, Louisiana

# **NAPTA Troubleshooting Skills Competition**

Presented By  
**North American Process Technology Alliance**

**TSC III 2019**

# TSC 2019 Competition Development

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- Standing Committee formed August 2018
- Team structure changed to include four members
- Team alternates will be placed in a pool
- Qualifying Round completed on home campus
- Implemented a Semi-Final Round to include 20 teams
- Finals Competition event expanded to 2.5 days
- Activities for non-competing teams on Semi-Finals day
- Activities for non-finalist teams on Saturday
- Increased opportunities for industry involvement
- 10 teams will compete in the Finals Competition
- Reinstated an awards dinner as the event culmination



***Industry & Vendor Members Join Us to  
Share in This Great Opportunity!***

# **TSC III Registration Information**

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## **Registration Window**

**November 1, 2018 – February 28, 2019**

## **Late Registration Deadline**

**March 8, 2019**

## **Information & Forms**

**<http://naptaonline.org/tsc/index.php>**



# **NEW FOR TSC III 2019!!!**

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**All Teams qualifying for the semi-final  
competition will receive a:**

**\$500 LODGING BONUS!**

# Competition Dates

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**Qualifying Round – February 18 through March 22, 2019**

**NAPTA Finals Competition – April 25 – 27, 2019**

**held on the campus of**

**River Parishes Community College**

**Gonzales, Louisiana**

# TSC Webinar Information

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- Coach General Information Online Webinar November 29, '18
- Coach General Information Online Webinar February 7
- Proctor Instructional Online Webinar February 14

These webinars were recorded and are linked to the NAPTA TSC web page. The presentations are available there for download.

<https://www.naptaonline.org/events/tsc>

# Troubleshooting Learning Materials

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- **Materials designed as both paper and simulator based**
- **Exercises used in the classroom to help with teaching a troubleshooting methodology**
- **Found at this link**

<https://www.dropbox.com/sh/cihe1n1ahgjlvgx/AABleUma5AlwtrmZioiiGFBDa?dl=0>

# More Information

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**Contact Martha McKinley**

**[troubleshooting@naptaonline.org](mailto:troubleshooting@naptaonline.org)**

**903.452.8511**

**<https://www.naptaonline.org/events/tsc>**

# **NETWORKING BREAK**

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- **Fifteen (15) minutes**
- **Make a new acquaintance!**
- **Be back ON TIME!**
- **Thanks!**



# ***Process Technology Selective Admission Program***

# ***Department of Process Technology Admission Requirements***

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Presented By:

**Dr. Brandy Tyson-Polk**

**Dean of Technical Education**

**and**

**Mr. Benjamin Stove, Jr.**

**PTEC Department Chair**



# ***How Did We Get Here***

## ***BRCC PTEC Program “Selective Admission”***

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- What?
  - Spring 2010, BRCC PTEC Advisory Board proposed modifying PTEC to a Selective Admission Program
- Why?
  - Create high quality program
  - Establish program expectations
  - Increase employability of students

# ***How Did We Get Here***

## ***BRCC PTEC Program “Selective Admission”***

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- Program Implementation
  - PTEC faculty/staff drafted Selective Admission policies and procedures modeled after the Nursing Department’s requirements
  - BRCC PTEC Advisory Board reviewed and approved the requirements
  - First cohort of students accepted in Spring 2011

# *Department of Process Technology Admission Requirements*

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What are the  
BRCC PTEC Program  
“Selective Admission” Requirements?

# ***Department of Process Technology Admission Requirements***

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- BRCC Admissions
- Prerequisite Courses
- PTEC Admission Exam
- Selective Admission Application

# ***Department of Process Technology Admission Requirements***

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Students must complete all Baton Rouge Community College Admission Requirements.

# ***Department of Process Technology Admission Requirements***

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A student must:

- Earn a grade of “C” or better in all of the prerequisite courses
- Have a GPA of 2.6 or higher in the prerequisite courses (i.e. 15 credit hours)

# ***Department of Process Technology Admission Requirements***

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## **Prerequisite Courses Credit Hours**

- MATH 1113/1213 College Algebra 3
  - ENGL 1013 English Composition I 3
  - PTEC 1013 Introduction to Process Technology 3
  - PTEC 2033 Safety, Health, and Environment 3
- Choose one: 1*
- CSCI 1013 Introduction to Computer Technology
  - CSCI 2203 Microcomputer Applications in Business 3
  - **Total Prerequisite Hours 15**

# ***Department of Process Technology Admission Requirements***

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- Eligibility for the PTEC Admission Exam
  - All prerequisite courses must be in-progress or completed to schedule the PTEC Admission Exam
  - An internal audit is performed on each student to verify eligibility



# ***Department of Process Technology Admission Requirements***

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- PTEC Admission Exam
  - Content
    - Mechanical Aptitude
    - PTEC 1013 (Introduction to Process Technology) course content
    - PTEC 2033 (Safety, Health, & Environment) course content
  - Score
    - 70 or above
    - Score remains active for two years

# ***Department of Process Technology Admission Requirements***

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- Selective Admission Application
  - Health History, Physical Abilities results (Physical)
  - Drug Screen
  - Criminal Background Check (Louisiana State Police)
  - Fingerprint Cards

# ***Department of Process Technology Admission Requirements***

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- Selection Process
  - Applications reviewed by the Program Manager and Dean
  - Students notified of acceptance/denial

# ***Department of Process Technology Admission Requirements***

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# Board of Directors Nomination Process

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- Any NAPTA industry or education member can nominate a qualified candidate (see Bylaws)
  - Endorsed Educator Members
  - Corporate Industry Members
- Nominees will be submitted to the Governance Committee via the Executive Director or Administrator
- Governance Committee will present candidates to the Board for consideration and a vote (held annually)

# Committee Reports

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- Curriculum
- Events
- Outreach
- Endorsement
- PTEX-CR Ad Hoc
- **“Appreciation for Dedication Awards”**

# PTEX-CR Endorsement Rollout Report

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***The team developed a tentative model to rollout the exam as part of endorsement as follows:***

- Target a five-year phased approach
- Only require that the school administer the exam to all graduating seniors in the first year (spring 2020)
- Review the results of year-one to determine reasonable expectations for subsequent years
- Determine final requirement for percentage of graduating seniors that must pass to maintain endorsement



# NAPTA PTEX-CR Skills Badge

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# NAPTA PTEX-CR Credential

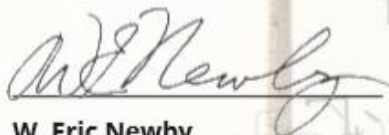
## NAPTA PTEX Credential

This credential certifies that

**Jim Smith**

has exceeded the national benchmark in  
**Process Technology - Chemical/Refining**  
as verified by NAPTA's nationally-validated  
industry standards credential

Month 6, 2018



**W. Eric Newby**  
NAPTA President/Executive Director



# “YOUR” NAPTA Website!!!

The screenshot displays the NAPTA website interface. At the top, there are links for 'Log In' and 'Create Account'. The NAPTA logo, 'North American Process Technology Alliance', is on the left, and social media icons for Facebook and LinkedIn are on the right, next to a search bar with a 'Go!' button. A navigation menu includes 'Home', 'NAPTA Members', 'Membership', 'Job Match', 'Meetings', 'Learning Resources', 'Events', 'About', and 'Contact'. The main banner features the text 'NAPTA Meeting Calendar' over a background image of industrial distillation columns. Below the banner, a section titled 'NAPTA Events February 2019' is shown with a left-pointing arrow. A horizontal list of months from 'JAN' to 'DEC' is present, with 'FEB' highlighted. To the right, a sidebar contains the heading 'Calendar/Meetings' and a link for 'Meetings' with a right-pointing arrow.

# New Business

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- **Anything Else to Offer?**
- **Any Questions?**
- **Any Upcoming Events?**
  - For inclusion on the NAPTA calendar
  - That NAPTA should attend

# LUNCH!!!

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- Don't forget to take advantage of networking opportunities...
- Eat responsibly....:o)

# Safe Travel and See ya' Soon!

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