Thanks for Joining Us!

- The NAPTA 2020 Summer General Meeting will start in a few minutes!
- The Audio, Video, Participants, and Chat buttons are across the bottom of your screen and will appear as you move your cursor

 Please stand by and have your <u>audio muted</u> unless you need to speak



WELCOME TO THE INTERNET!!



Virtual Meeting
VIA WebEx
Friday, July 17, 2020



Welcome to the NAPTA General Meeting

Greetings from the NAPTA Board Chair David Esquibel

Safety Moment

"caring by sharing"



NAPTA Board of Directors

2020 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



NAPTA Committee Leadership Team

2020 Leadership Team Members are:

Curriculum Committee - Martha McKinley

Vacant

Endorsement Committee - Dorothy Ortego

Jeff Laube

Events/ISC Committee Curtis Briggs

Dennis Link

Events/TSC Committee - Vacant & Vacant

Outreach Committee - Tammy Netherland

Joseph Zwiercan



NAPTA Lifetime Achievement Award

- Mike Kukuk
- Martha McKinley
- Gary Hicks
- Steve Ames
- Bill Raley
- Dorothy Ortego

Thanks for your service to The Alliance



Martha McKinley

- Education Co-Chair
- NAPTA

Kelly Trakalo

- Project PTEC Project Lead
- Pearson Education



- Mission & Vision Reviewed Vision unchanged, Mission statement revised
 - "The Curriculum Committee will serve as an educational and industry resource to develop, continually improve, and disseminate course objectives, course content, and other educational resource materials that enable the process industries to work safely and productively."



2020 – 2021 Goals

- Complete textbooks per timeline
- Acquire new contributors as needed
- Revise the NAPTA glossary
- Work on committee participation and membership
- Work with Pearson on site access for MyLab and textbooks
- Work to ensure the Curriculum committee web page(s) are updated



Reflections

- We GREATLY appreciate the alliance partners who have stepped up to help supply art images and illustrations for the revised/created textbooks
- Member participation increased to help with textbook review and chapter creation
- Work continues into 2021, 2022, & 2023 to complete the remaining textbooks





NAPTA Learning Materials Update

Summer Meeting July 17, 2020



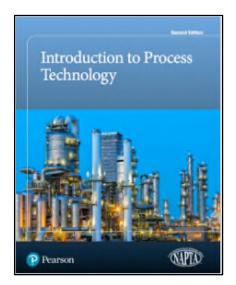
Available Now!

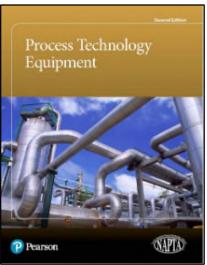
Introduction to Process Technology, 2e

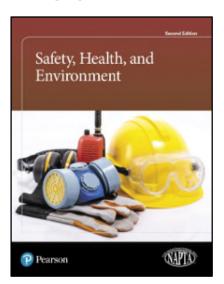
Process Technology Equipment, 2e

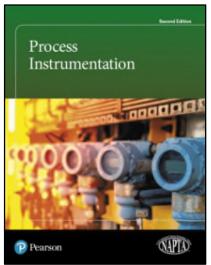
Safety, Health and Equipment, 2e

Process Instrumentation, 2e



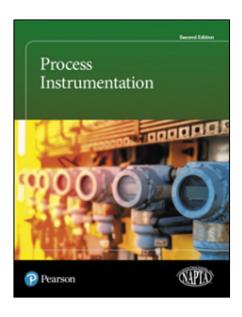








What's New in Process Instrumentation, 2e?



- Content reorganization to enhance learning: (Part 1) Intro and Process Variables; (Part 2) Symbology, Hardware, and Instrumentation Communication; (Part 3) Control Loops, Controllers, Control Schemes, Digital Control and PLC; (Part 4) DCS, Power Supply, ESD, Malfunctions, and Troubleshooting.
- Learning Outcome alignment with NAPTA core objectives, with links provided from objective to text page.
- New series design and features
- New! Comprehensive art program including more than 350 fullcolor images.
- New content on intrinsically safe display devices/tablets, wireless technologies, and intranet protocol transmission/ addressing.
 Expanded coverage of PT roles related to cybersecurity, industry 4.0, and analytic data trends.
- NEW Instructor Resource Package



Instructor Resources

(available for download on instructor resource center)

Instructor resource	Description
Lesson plans	For each chapter: Suggested teaching time to reach objectives Any particular prep needed Suggested classroom and lab activities Set of unique MC review questions similar to but unique from EOC questions
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, tagged to learning objectives. Include correct answer and rationales for all answers.



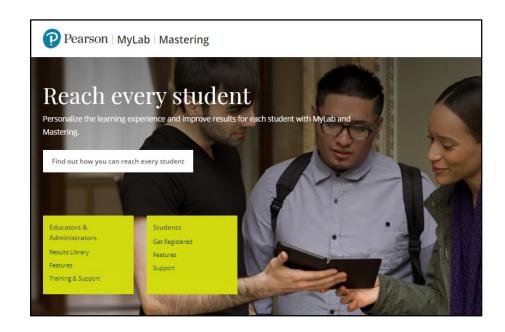
MyLab Process Technology

Available for the following:

- Introduction to Process Technology, 2e
- Process Technology Equipment, 2e
- Safety, Health, and Environment, 2e
- Process Instrumentation, 2e (coming July 2020)

Includes:

- Key Term Review (interactive)
- Chapter Review Quiz Questions
- Equipment and Process Review (interactive)
- Short Answer Questions
- Pearson eText
- All instructor resources





In Development

Process Quality, 2e



Process Operations, 2e



Process Systems, 1e

• First draft chapters in development



1

Additional MyLab/Process Technology Resources

Educators & Administrators

Results Library

Features

Titles Available

Training & Support

LMS Integration

Educator Training & Support

Training Resources

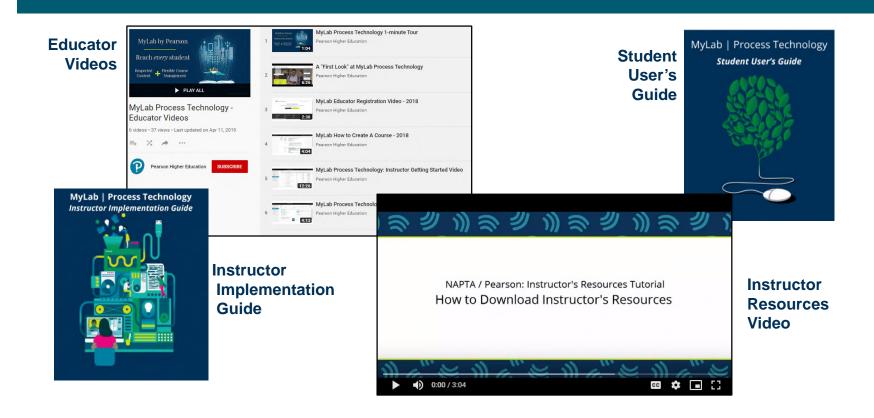
- Implementation Guide
- ▶ How Do I? Videos
- LMS Integration Services

Support Resources

- System Requirements
- ▶ Sign-in Help
- Accessibility Information
- Visit Pearson Support

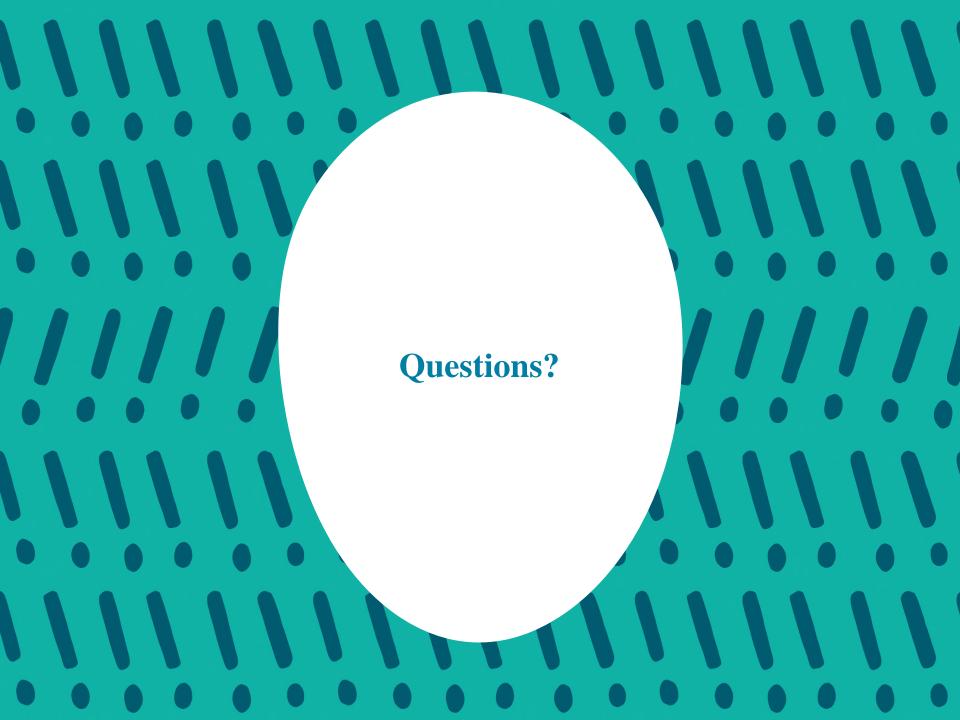


Additional MyLab/Process Technology Resources





1





Events/TSC Committee Report

Eric Newby

- Interim Co-Chair
- NAPTA

Martha McKinley

- TSC Coordinator
- NAPTA



TSC Team Visions Workshop 2020

Welcome and Introductions

Eric

Who you are, who you're with, what you do

Development of Team Vision

Development of Team Mission

Review of changes to TSC from III to IV

Old model with Qualifying Round

New model with Open Round

Options for TSC IV 2.0

Eric/All

- Live Event at San Jacinto College (pending confirmation)
- Virtual Event hosted by TBD



Introductions

• Who are You?

Who are you with?

What do you do?

What's your interest in TSC?



TSC Committee Vision 2020

We will provide industry with competent entrylevel technicians who are prepared to address and resolve process situations as they occur



TSC Committee Mission 2020

Through interaction with real-time, real-life process simulation scenarios, we will provide students with experience in critical thinking and problem solving that meets the needs of industry, as they demonstrate their troubleshooting skills.



TSC Transition 2020

- Original TSC model
 - Qualifying round open to all schools
 - Paper exercises/LMS testing
 - Proctored by non-SME
 - No limit on number of teams
 - Top Ten Teams advance to live finals event
 - Two teams per school maximum
 - 1.5-day event held on member campus
- New TSC Model
 - Open Live Round for all schools who register
 - 2.5-day event held on member campus
 - Top Ten teams advance to finals
 - Two teams per school maximum



Options for TSC IV 2.0

- Live Event at San Jacinto College (pending confirmation)
 - Depends on pandemic status and member enthusiasm/commitment to participate
- Virtual Event hosted by TBD
 - Depends on NAPTA's ability to design, develop, and deliver a virtual competition
 - Depends on the ability of simulation software vendor to provide a workable model
 - Depends on school's willingness to participate



Virtual Event Issues

- Online/cloud solution for simulation software
 - Most providers have this already
- Ensuring teams can't cheat
 - Monitoring teams on the day
 - Providing proctors at each school
 - Sharing screens
 - Video streaming of competitors
- COVID restrictions on distancing
 - Teams couldn't work at one console
 - Difficulty in monitoring too many teams at once



Virtual Event Issues

- Assurance that all aspects of the online format are functional: testing models, video, etc
- Cost of providing virtual event
 - Third-party provider
- Loss of face-to-face interactions
 - Less value to industry and exhibitors
 - Fewer activities for teams
 - Not likely that we would need 2.5 days



Benefits to Virtual Option

- Travel Costs eliminated
- Dates/Times are more flexible
- Increased participation by schools and industry due to lower cost and virtual access
- Consistent access to teams by vendors and industry to provide learning and recruiting resources through online sessions (outside of the exercises)
 - Learning or sharing sessions with the teams
- Practice sessions could be held at team's discretion
- Event could be spread over more days to allow for participation and easier management
 - Could hold on consecutive Fridays?



TSC IV 2021

What do you think?

What other obstacles do YOU see?

What other benefits do YOU see?

Thanks!

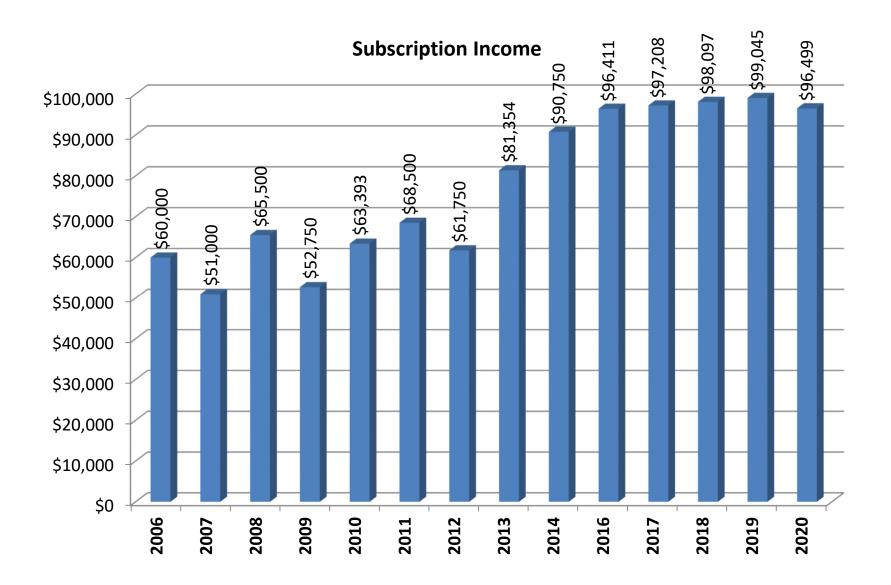


NAPTA mid-year Financial Report

Glenn Johnson

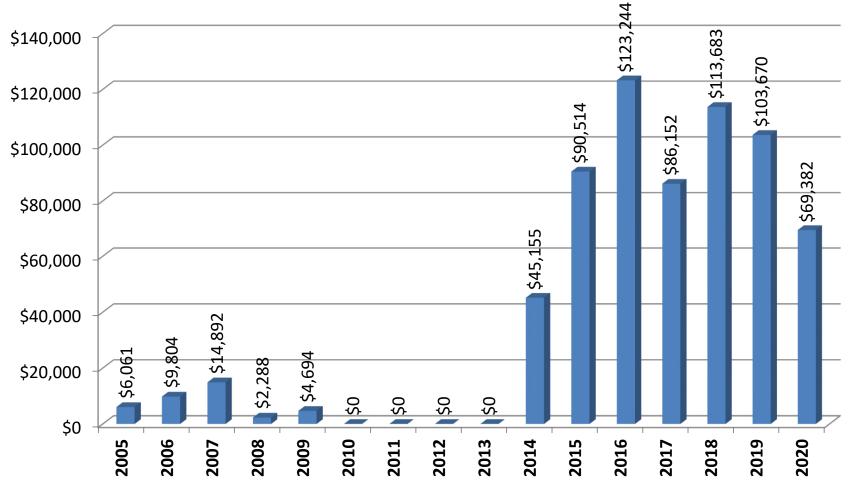
- Treasurer/Chief Financial Officer
- Head of Workforce Development
- BASF North America





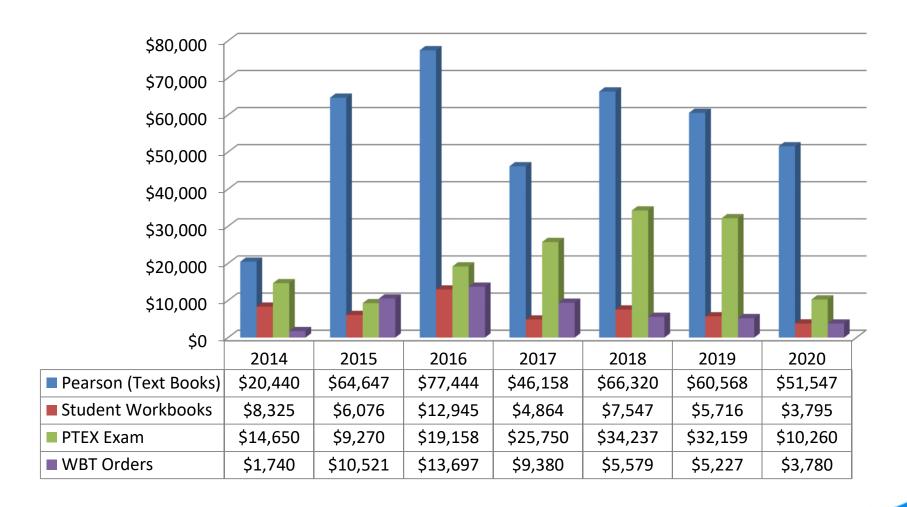


Learning Resource Income

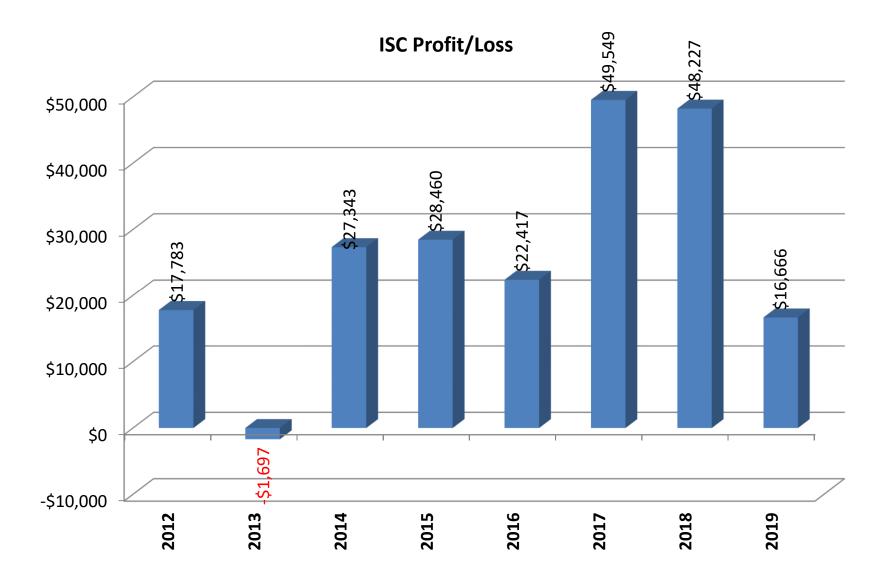




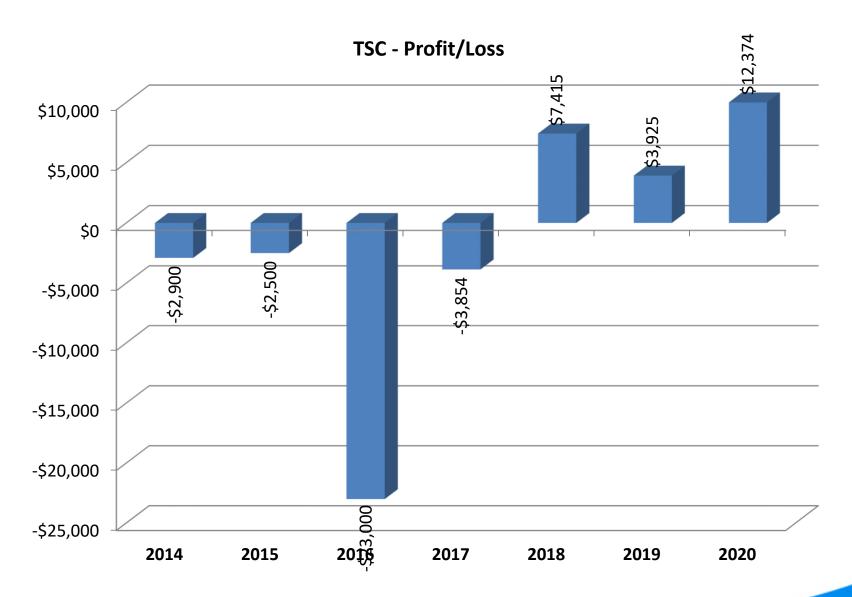
Curriculum Income Breakout



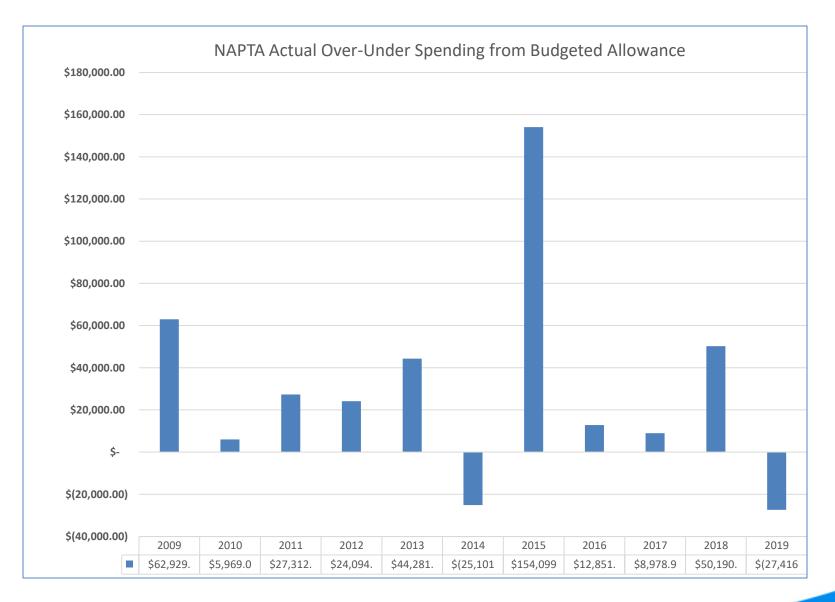








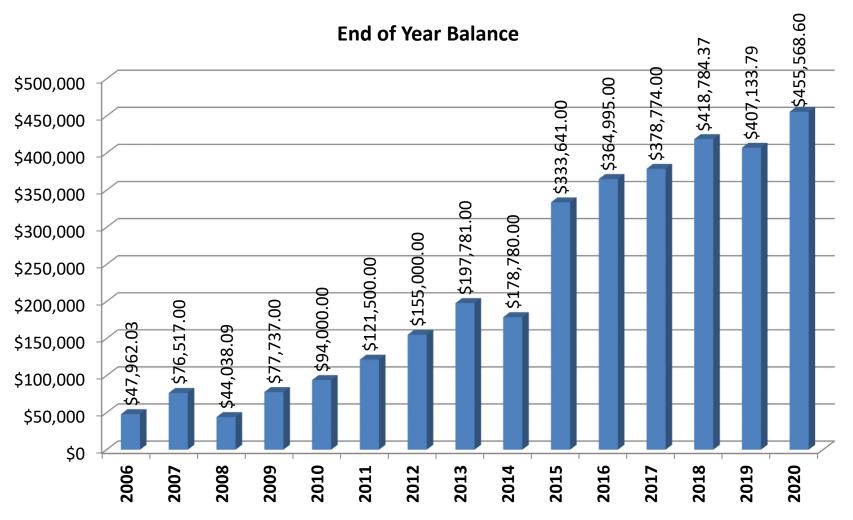






								Stretch	
				Stretch Goal			Goal	Goal	Bonus
	% of Bonus			(10% Add-			Funding	Funding	Payout
Goal Categories	Funding	Previous Year	Goal	On)	YTD	% of Goal	%	(+10%)	%
# of Full Subscription Paying Members	30%	87	92	97	81	88%	0%	0%	0.00%
# of ISC X Registrations	20%	110	170	200	2	1%	0%	0%	0.00%
# of TSC Attendees	20%	87	170	190	0	0%	0%	0%	0.00%
Income from Learning Resource Sales	20%	\$ 103,669.50	\$ 117,500.00	\$122,500.00	\$ 69,382.33	59%	0%	0%	0.00%
Free Cash Flow (End of Year Balance)	10%	\$407,133.79	\$ 403,103.78	\$423,258.97	\$ 455,568.60	113%	100%	10%	20.00%





As of 6-30-20



"NEW" Members

Steve Backman – NAPTA Secretary

- Presentation of new members
 - Henry Ford Community College
 - Central ISD, Pollock Texas
 - Kuwait Integrated Petroleum Industries
 Company(KIPIC)/ SNC-Lavalin
 - CORYS
 - Operational Sustainability, LLC
 - Simplant Training



Events/ISC Committee Report

Curtis Briggs

- Industry Co-Chair
- INEOS O&P

Dennis Link

- Education Co-Chair
- College of the Mainland





"Making a Difference through Instructional Excellence"

Instructor Skills Conference XI Update
NAPTA Summer Meeting
July 17, 2020

Dennis Link



Active ISC XI Committee Members

- Curtis Briggs Industry Co-Chair
- Dennis Link Education Co-Chair
- Eric Newby NAPTA
- Kay Sanchez NAPTA
- Susan Davis NAPTA
- Steve Ames
- Steve Backman
- Tim Judge
- Mike Kukuk
- Jeff Laube
- Dawana Medina
- Sarah Grace Mitchell
- Vicki Newby



ISC Committee Vision and Mission

Vision

To provide North American Process Technology Alliance (NAPTA) members with value-added, timely and relevant Instructor Skills Conferences that fulfill member and participant needs.

Mission

It is the mission of the Instructor Skills Conference Committee to plan, prepare and execute Instructor Skills Conferences that provide value to members and prospective members of NAPTA.



ISC Committee Visions Meeting Consensus Decisions

- Cancel Face to Face ISC XI
 Conference Sept 30 Oct 2, 2020
- Move forward with planning of Virtual ISC XI Conference



ISC XI Virtual Conference Recommendations

- Partner with professional virtual conference organization to setup and manage platform and logistics \$15 – 30k
- Optimum one-and-a-half-day conference starting at noon on Thursday and all-day Friday to encourage educator's participation
- Low to no cost option for attendees
- Encourage sponsorships from industry and exhibitors to offset cost
- Leverage Continuing Education opportunity for college instructors as part of marketing plan
- Utilize virtual breakout rooms and activities to enhance interaction and engagement throughout conference
- Prioritize speakers and topics to offer most value-added learning experience
- Target end of October dates with Halloween theme



ISC Committee 2021 Plans

- ➤ If 2020 virtual conference is not offered, push ISC XI planned speakers, learning sessions and activities to 2021
- Consider location change for 2021 ISC
- Consider moving future conferences back to late October





"Making a Difference through Instructional Excellence"

An average instructor tells, a good one explains, an excellent one demonstrates and a best in class instructor makes a positive difference in the lives of others by inspiring them to be the best they can be.

Making a Difference Starfish Video



Endorsement Committee Report

Dorothy Ortego

- Industry Co-chair
- Sasol/US

Jeff Laube

- Education Co-Chair
- Kenai Peninsula College





July 2020 Visions Report

Endorsement Committee



2019 Endorsement Goals

Done	On Going	Task
	Х	Continue auditing schools for endorsement and re-endorsement- Good until COVID19; not getting responses as much since national shutdown.
	Х	Revise the endorsement requirements as needed and update the webpage to match those requirements. – need to complete revisions proposed for the webpage
Χ		Determine the Hands-on Competency Standards for schools. – Included in the Score Sheet
X		Define a minimum performance standard for endorsementEstablished a minimum performance standard for audits using the Audit tool scoring program.
Х		Revise the Vision and Mission statements to reflect auditing to a performance standard. Decided it does not explicitly need to state this, it is implied.
		Define needs (auditors, costs, etc.) for longevity of endorsement/auditing process.
	Χ	How many do we need? – (auditors needed) still need additional people to become auditors
	Х	What is our budget each year for travel? – Glenn worked with committee to determine funding needed
	Х	Discuss holding colleges responsible for endorsement. (How many times do we ask or contact colleges prior to removing them from the endorsement list?) Added dates for re-endorsement, and did reach out to several schools, leveraged using NAPTA president to reach out.
	Х	Complete the process of reviewing the requirements for advisory minutes (examples: review of non-conformances, action items, continuous improvement, attendance, audit feedback). Ongoing – need to continue
Х		Develop and test an online audit tool for completing the audit with the possibility of only performing a site visit every other audit. Completed and available for use.



2020-21 Endorsement Committee Goals



Task

Continue auditing schools for endorsement and reendorsement

Revise the endorsement requirements as needed and update the webpage to match those requirements.

Recruit additional endorsement committee auditors

Set a defined timeframe for college responsibility for endorsement

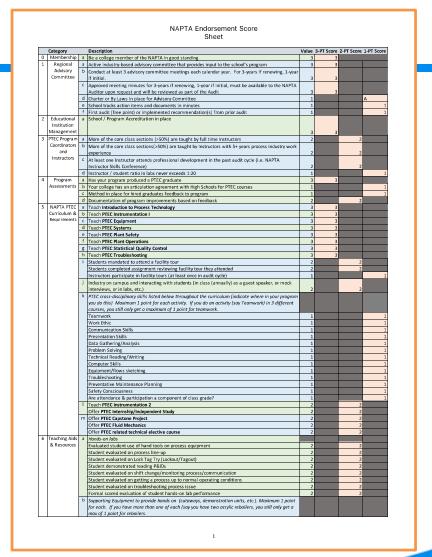
Evaluate industry interactions with the schools versus the requirement of advisory committee



NAPTA Endorsement Score Sheet

- 3-pages long
- College to self score
- 3-point items are required
 - 78 Points Required
- 2 & 1 point items are suggested
 - 216 total possible points
- A total score of 147 or higher to be endorsed







NAPTA Endorsement Check List

- 2-pages long
- Helps college to know the documents to collect to successfully submit an audit



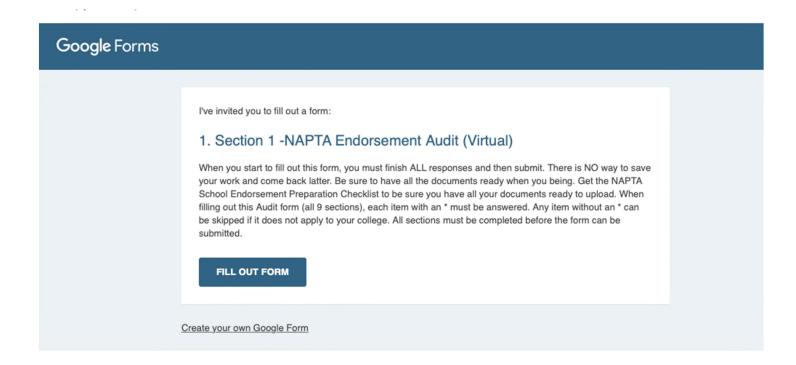
PREPARATION CHECKLIST TO FILL OUT YOUR NAPTA SCHOOL ENDORSEMENT AUDIT If you can check all the boxes, you are ready to begin filling out your electronic audit tool. Initial audits must be done at the college. If renewing, and your college's last audit was on campus you will be doing a "virtual audit" completely on-line. The person who fills out the form should have a working knowledge of your school's PTEC program. Take a look at the NAPTA Endorsement Scoring sheet found on the NAPTA website. http://www.naptaonline.org/college-endorsement-requirements All three point items (78 points) are mandatory. A school must get to 147 total points to be endorsed. Is your NAPTA membership current with dues paid? (if not, get your dues paid before requesting the All documents, files, photos, will be submitted electronically. Convert all paper documents to scanned Approved Advisory Committee meeting minutes for 3-years if renewing (10 max files, minimum of 3 from each year). Must submit 1-year worth of minutes if this is your schools's initial audit (minimum of 3 files) Advisory Committee Charter or By Laws (optional) Last NAPTA endorsement post audit letter if renewing, Skip if this is your school's initial audit Know the name of your schools accreditation organization Know information about your schools PTEC instructors (Name, Phone number, email address, Years of Industry Work Experience, Years of Teaching Experience, Education, and which PTEC courses they teach) A copy of a student assignment reviewing a facility tour (optional) Documentation of an assessment evaluating a student for PTEC cross-disciplinary skills: Skip those skills that are not documented. (Teamwork, Work Ethic, Communication Skills, Presentation Skills, Data Gathering/Analysis, Problem Solving, Technical Reading/Writing, Computer skills, Equipment/flows sketching, Troubleshooting, Preventative Maintenance Planning, Safe Consciousness, Attendance & Participation a component of class grade) Documentation of an assessment evaluating a student hands-on lab skills: Skip those skills that are not documented. (PTEC hand tools, Process Line-up, Lock Tag Try, Reading P&IDs, shift change/monitoring process/communication, Starting up a process, Troubleshooting a process issue, Evaluate of a student's hands-on lab performance) (Skip if this will be an on-campus audit) Photos of your college's supportive equipment (cutaways, demonstration units, etc.) listed below does your college have? Best if many items can be in a single photo as there is a limit to the number of photos that be uploaded. Reboiler/Kettle model, Heat exchanger models, column or tank models, Centrifugal pump model or cutaway, positive displacement pump model, Artificial Lift, 3 phase separator, Desalter, Pumps, Pipeline pigging, Fluidized Bed model, Vacuum Jets (eductors, ejectors, injectors) Distillation equipment, Valves, Hoses, Compressors, Turbine model, Basic PTEC related Hand tools, Piping and fittings, Flanges and blinds, Instrumentation [such as pressure gauges, dial temperature gauges, thermocouples, thermo-wells, orifices, D/P transmitters, etc], Hydrologic and/or pneumatic trainer, Dehydration trainer, Instrumentation trainer, PLC trainer, Well-head/ blowout prevention trainer. If this will be an on-campus audit, what day of the week and time is the best time to meet with second year students? If this is a virtual audit, a list of second year student contact information needs to be

Syllabus (most recent) for Introduction to Process Technology (Word or .pdf format)



NAPTA Virtual Audit Tool

• Once your ready, you will receive an email to fill out the audit tool form





NAPTA Virtual Audit Tool

- About 65 questions long
- College to submit all documents
- Be prepared to submit entire audit documentation in one sitting





1. Section 1 - NAPTA Endorsement Audit (Virtual)

When you start to fill out this form, you must finish ALL responses and then submit. There is NO way to save your work and come back latter. Be sure to have all the documents ready when you being. Get the NAPTA School Endorsement Preparation Checklist to be sure you have all your documents ready to upload. When filling out this Audit form (all 9 sections - 64 questions), each item with an * must be answered. Any item without an * can be skipped if it does not apply to your college. All sections must be completed before the form can be submitted.

The name and photo associated with your Google account will be recorded when you upload files and submit this form. Not **jefflaube@gmail.com**? Switch account

* Required

Email address *

Your email

2. Mailing address, city, state, zip *





Colleges that have expressed an interest in an initial endorsement audit

- Del Mar College
- If you are wondering if your college meets the endorsement requirements, get the score sheet off the NAPTA website and self audit your program



Colleges needing a re-endorsement audit

- Alvin Community College
- ITI Technical college
- Kilgore College
- Louisiana Delta Community College
- Nunez Community College
- Remington College Houston
- River Parishes Community College Reserve
- Sowela Technical Community College
- Texas State Technical College
- University of Alaska Fairbanks



If your college is pending an endorsement audit

- Get the score sheet off the NATPA web site
- Get the check list off the NATPA web site
- Collect your documents
- Once you have all the documents collected
 → Email NAPTA to get th

collection tool



Endorsed Member

A great way to be an endorsed school is to join the Endorsement Committee

• To be an endorsement auditor: you will be trained and shadow two audits.





Outreach Committee Report

Tammy Netherland

- Vendor Co-Chair
- Systran

Joseph Zwiercan

- Education Co-Chair
- San Jacinto College



On-Going & New Business

Transitions and Challenges

- What is your organization doing to adapt?
- What are your school's plans for the fall?
- What road blacks are you dealing with?

Online "Best Practice" Sharing

- Do you have something you've developed?
- Please share it with ALL at:
- support@naptaonline.org



Stay Safe and Stay Well!



