

# Current Issues & Activities

## in Indiana Career and Technical Education

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### **A Comparison Between the Conventional Classroom and the Career & Technical Ed Classroom**

- 1) In the conventional classroom, the teacher knows the answer.  
In the CTE laboratory, more than one solution may be viable and the teacher may not have it in advance.
- 2) In the conventional classroom, students routinely work alone.  
In the CTE laboratory, students routinely work with teachers, peers, and community members.
- 3) In the conventional classroom, the teacher plans all activities.  
In the CTE laboratory, students and teachers plan and negotiate activities.
- 4) In the conventional classroom, the teacher makes all assessments.  
In the CTE laboratory, students routinely assess themselves.
- 5) In the conventional classroom, information is organized, evaluated, interpreted, and communicated by the teacher.  
In the CTE laboratory, information is acquired, evaluated, organized, interpreted, and communicated by students to the appropriate audiences.
- 6) In the conventional classroom, the organizing system of the classroom is simple: one teacher teaches approximately 30 students.  
In the CTE classroom/lab, the organizing systems are complex: teacher and students both reach out beyond school for additional information.
- 7) In the conventional classroom, reading, writing, and math are treated as separate disciplines; listening and speaking often are missing from the curriculum.  
In the CTE laboratory, disciplines needed for problem solving are integrated; listening and speaking are fundamental parts of learning.
- 8) In the conventional classroom, thinking is usually theoretical and "academic."  
In the CTE classroom/lab, thinking involves problem solving, reasoning, and decision-making.
- 9) In the conventional classroom, students are expected to conform to the teacher's behavioral expectations; the teacher monitors integrity and honesty; student self-esteem is often poor.  
In the CTE laboratory/classroom, students are expected to be responsible, sociable, self-managing, and resourceful; integrity and honesty are monitored within the social context of the classroom/lab; students' self-esteem is high because they are in charge of their own learning.

## NEW IACTED MISSION STATEMENT:

The Indiana Association of Career and Technical Education Directors (IACTED) promotes, advocates and protects the interests of career and technical education at the local, state and national levels.

### Minutes of October IACTED Directors Meeting

- 1. Financial Report**---Ron Hoke, passed out copies of the September 28, 2007 Financial Report. Also, passed out was a printed report of the 2006-07 membership and assessments that are paid. The financial statement reflected three years of information. The July 1, 2007 balance of \$20,374.23 plus income of \$637,423.50, minus expenses of \$543,596.41, left a balance of \$114,201.32. Ron said he would be glad to answer any questions. Motion passed.
- 2. Develop IACTED mission statement**---President Metzler lead an activity to develop an IACTED mission statement. She passed out a draft of a vision statement put together by the DWD and DOE. She thought we might want to use it as a resource. The following words were identified from the Board as representative of our IACTED mission:

<u>Nouns</u>	<u>Verbs</u>	<u>Adj./Adv</u>
Leadership	Advocate	
CTE	Support	
Directors	Communication	Responsive
Forum	Promote	Innovating
Policy	Articulate	High quality
Future workforce	Invest	
	Influence	

Phil Metcalf and Bill Kovach will a draft mission statement and bring it back to the Board for consideration. Marilyn said the mission statement should be brief and be able to be recited by all members. The activity will be continued at our November Board meeting.

- 3. Recommendation on future IAAVD Graduate Follow-up Studies**---Ed Brown reported his Communications Sub-committee has reviewed what we are locally collecting and what DWD is collecting. After talking with Chris Deaton at DWD he found that they are collecting about the same information as we are locally. They receive 70% initial return using the social security information gathered from IN ters system. In addition they use information from the CHE, Indiana Unemployment Insurance, and the Department of Defense. Steve Hagen asked if information was gathered from other States. Steve Barkdull said they have more articulation agreements outside the State than inside. Ed said the local districts would need to continue to report these students to DWD.

Based on the Committees findings, Ed Brown moved that we accepted the DWD process as the bases for our graduate follow-up in the future. Phil Metcalf seconded the motion. Motion passed. President Metzler clarified that the passage of this motion means parenthetically that IAAVD will not do a state follow-up of CTE graduates in the future. She suggested we notify Bob Meyerholtz of this decision and express appreciation for his many years of dedicated services to our Association.

- 4. DOE/DWD Updates**---Patty Shutt said that DOE is continuing to promote partnerships for advance manufacturing. DOE will co-sponsor an event along with business and industry on November 14. The meeting will be held at the Indiana Chamber of Commerce located in Hyatt Hotel. This is a part of "Dream it, Do it," initiative. This meeting is to encourage secondary and postsecondary schools to establish advanced manufacturing classes that have a capstone unit in MSSC certification. They are inviting all the CTE directors, Postsecondary reps from VU and Ivy Tech, WIBs, the Manufacturers Association, State Chamber to hear about possible advanced manufacturing pathways, the requirements of MSSC, Dream It" promotion, and teacher preparation. A flyer will be coming to directors in the mail next week. There is no registration fee

but registration is necessary because of the luncheon. Patty suggested directors bring plenty of business cards and your calendar. You may be able to make connections to craft a seamless program for your students.

PLTW national organization has made a major commitment to quality and will limit the number of new program grants to 500 and 600 in the nation next year. Patty encouraged the directors to apply for their grants early.

DOE has 106 new teachers in the Occupational Specialist program this year. They have been serving an average 70 per year. In the Patty is \$18,000 over budget so she will be asking DWD to help assist with this professional development activity.

The State Board of Education is changing ISTEP and the GQE testing will be going away. It will be replaced by end of course assessments in English, Math, and Biology. There is still another year before this change starts. She is not sure what this means for our Perkins indicators. Ron Hoke asked what will happen when a student does not pass an end of course assessment. Patty said that has not been determined, yet.

Chris Guidry, DWD, reported that they have been busy reading grants. They hope to have them back to Directors by next week for address areas needing more information. They have received 16 Career Majors and 25 Moving Forward grants from secondary schools. In total they receive over 100 secondary and post secondary proposals.

Board members asked Chris if there was an opportunity to move all these grants in a unified plan. Chris said they were considering this and were looking for a good model. Tech Prep would remain separate, because of problems in other states that have combined them. Ron Hoke suggested we could still keep the funding streams separate and yet, the separate initiatives could be included in a single RFP.

Board members suggested that Career major's grants are getting watered down to much in academic integrations activities that do not include career and technical education throughout the State. Chris said he understood this and it will be addressed.

### **Reports from Sub-committees:**

Professional Development Target – Increase Professional Development for Teachers and Administrators (Chair- Audra Peterson, Gary Sweet, Luberta Jenkins, Bill Kovach, Lou Anne Schwenn, Rusty Hensley, and Judy Emshwiller) Doug Dillion reported for the Professional Development Sub-committee:

*Things that the committee considered as topics for the Summer Conference:*

Technical Honors Diploma

a. Who is distributing

b. How are they determining

Best Practices

c. How to run an Advisory Committee

f. Grants- Affording CTE

d. New Programs Starting

g. Student organizations

e. Serving Special populations – suggestions for teachers, administrators

h. Teacher Education

i. Certifications- cost, success

Partnering with DWD/DOE

j. Evaluation process – results early to act early

n. Using the same codes and aligning things together

k. What is it they really want?

o. Speaking engagement with the

l. Using the process effectively

governor!?! (Maybe during CTE Week?)

m. End of course assessments

What are other states doing? (This could be researched at National ACTE by those going)(Perhaps Sam Cotton has some suggestions?)

p. What are the states who are getting things done doing?

q. What are their strengths and weaknesses?

r. Suggested states, Georgia, Maryland

Suggested Theme for Summer Conference: **“Aligning the Stars in CTE”**

Our biggest concern is that we have all these “things” out there that we are supposed to do and we need to get them aligned with CTE, DOE, DWD so that we can better serve our kids and our communities!

## Drive –In Workshop

The Committee felt the most beneficial thing was networking, and since we have the monumental task of completing our Perkin’s Grants, this was what we felt we should focus on. We suggested the February 14<sup>th</sup> meeting (perhaps bumping out another week 2/21, to give state another week), so that we might be able to “facilitate” a workshop for all directors where we could work together, share ideas, and proof each other’s documents. Work in subgroups to review the documents and have DOE and DWD people there to make suggestions on things. We would suggest moving the business meeting to perhaps 9:00 and then we could have lunch and begin work sessions. Most of us that travel have a hotel the night before, when we hold a Drive-in so this would be no different. The group would come up with an agenda for the day of what we want the DOE and DWD to do and could come up with facilitation activities.

Standards Target – Marilyn Metzler reported for the Standards Subcommittee. (Steve Hagen, Bill Kovach, Phil Metcalf, Jon Groth) Marilyn said her committee was looking at three things:

1. Updating the Advisory Committee Handbook. They are looking at designing a new format for the handbook and teacher inservice for conducting efficient and effective advisory committee meetings. They plan to have a draft to you soon.
2. Reviewing of dual credit policies. Are there things we should be doing about the present polices? The committee has reviewed polices at Ivy Tech, Vincennes, and the CHE. Marilyn is going to contact CHE Commissioner Stan Jones about consistencies, especially pertaining to fee structures and college textbooks.
3. Explore the possibility of DWD/DOE funding completion of these CTE standards and assessments. Questions the Committee is researching include: should there be a common end of course assessments, should DWD/DOE include standard utilization in their evaluation process and is there the possibility of funds to complete standard development and identifying end of course assessments?

IAAVD was involved in assisting in the development of standards in 2002 and adopted fourteen course standards in 2005 as posted on the DOE website. There are courses that still need program standards and all areas need end of course assessments.

Communications Target – Ed Brown reported for the Communications Sub-committee. (Dan Ulrich, Glenn Weil, Bob Hobbs) Ed said this Committee also has three initiatives:

1. The Committee will find a website host for IACTED.

Ed Brown offered a motion to the Board requesting permission for the committee to meet with OmegaDesignStudio, in Indianapolis as a possible developer and host for an IACTED website. Judy Emshwiller seconded the motion. Motion Passed. They will bring a recommendation to the Board in November in the form of a proposed contract agreement for action.

2. Meet with the State Director of CTE and update him on the progress of the ongoing Longitudinal Study of CTE graduates and request a continuation grant for funding year III. They would also like to broaden the program and student sample into other high demand, high wage CTE program areas.
3. The Committee has reviewed the current IAAVD Annual Report flyer and determined that the data in the flyer is still current. They recommend using the large number of copies still available and utilize this time to plan for a new flyer design for the 2009 Budget session of the Legislature.

Legislative Recommendations for 2008 (Target) – Steve Barkdull reported for the Legislative Committee. (Dan Martin, Dale Jones and Milt Eley) Emphases should be placed on protecting the interest of CTE in the 2008 General Assembly.

1. A legislative chain alert system should be developed with information to all Directors via email from Executive Director (or designee). The purpose of using one point for information to originate is having it filtered for an appropriate and consistent message being delivered to legislators across the state. Regional Directors could be utilized to reinforce and organize local contacts with local legislators. Follow-up information could be returned to Executive Director for legislator reaction/feedback from CTE message. We should continue regular meetings (IACTED monthly Board meetings) and perhaps have separate scheduled meetings to focus on issues facing state, regional, local CTE operations and organizations. More discussion needed here...

2. Develop a simple graphic that depicts CTE funding shortfall.

- Identify 4-ppt slides
- ✓ Graphic that compares Gen Ed and CTE Graduation Rates
- ✓ Enrollment growth
- ✓ Graphic comparison of Gen Ed funding growth versus CTE flat line
- ✓ Financially where CTE is now and where CTE needs to be (utilize 2006 CTE Cost Study)

- Outline our story

Develop a brief overview of successes with student graduation, retention, dual credit, industry certifications, workforce/wage rates versus Gen Ed, etc.

Steve mentioned some information that might be useful has been put together by J. D Hoye, who is now the President of the National Academy Foundation (NAF). Some will remember her as director of the “National School to Work Office.” JD Hoye’s concept on Career Pathway and Career Majors is very clear. Steve says, “she uses very conclusive language describing how CTE can help the college bound student, continue to serve the work bound student, and still help the potential dropout student.”

#### **Other matters**

**5. Junior ROTC**---Brad Street said he was having a lot of requests from students and parents about Southeastern offering Junior ROTC. He asked if anyone had information or was offering a ROTC course. Patty Shutt said Indiana did not have a course number assigned to ROTC. It would have to be offer under a course waiver.

#### **Web Resources:**

[www.march2success.com](http://www.march2success.com) is a US Army provided free website to improve student skills on standardized tests in math, science, and English.

[www.dreamit-doit.com](http://www.dreamit-doit.com) is part of a nationwide effort on the part of the National Association of Manufacturers to attract more of the nation’s best and brightest young people to go into careers in the manufacturing industry.

#### **Quote for the Day**

**“ In a completely rational society, the best of us world aspire to be teachers and the rest of us would have to settle for something less, because passing civilization along from one generation to the next ought to be the highest honor and the highest responsibility anyone could have.”**

**Lee Iaccoca**



# **Indianapolis Vex Tournament**

December 1st



**Warren Central High School**  
**9500 East 16<sup>th</sup> Street, Indianapolis, IN 46229**

To register, go to: [www.robotevents.com](http://www.robotevents.com)

MSD Warren Township had 20 students and 5 mentors represented at the Bloomington Vex Robotics competitions Saturday November 3, 2007.

Above and below are some pictures from the Bloomington competition. The next competition will be at WCHS on December 1st.



Walker Career Center Team (pictured at left) wins 1st Place in Robotic Competition in Bloomington.

***Career & Technical Education:  
Training Tomorrow's Workforce***

**IAAVD Officers for 2006 - 2007**

**Marilyn Metzler**, President Ed Brown, President-Elect

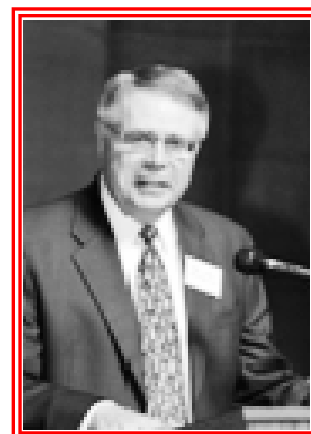
**Glenn Weil**, Immediate Past President **Ron Hoke**, Treasurer

**Elected IAAVD Board Members**

**Gary Sweet** – North **Luberta Jenkins** – Central **Dan Ulrich** - South  
Term expires - 2009 - 2008 - 2010

**Meredith Thompson, Executive Director**

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**Our Newsletter**

*Current Issues and Activities in Career and Technical Education* is a newsletter for promoting career and technical education in Indiana and to communicate the activities of the IAAVD and its members.. Written contributions to the newsletter are always welcome. Most articles should be written in 100 words or less. Please fax (219-531-5482), call (464-9607), or email ([jgroth@valpo.k12.in.us](mailto:jgroth@valpo.k12.in.us)) with news to be published about activities and success stories in your area district.



**Newsletter Feedback**

Please send newsletter feedback regarding content or delivery to Meredith Thompson at [mltsrt@bcremc.net](mailto:mltsrt@bcremc.net). Recommendations for improvement and constructive criticism are welcome.

***Indiana Association of Area Vocational Districts (IAAVD) Providing  
Statewide Leadership in Career and Technical Education!***

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**Career and Technical Education Pays**