

Dr. John R. Kallis
Department of Applied Engineering and Technology
Faculty Résumé

Dr. John R. Kallis, Chairperson
Department of Applied Engineering and Technology

Title: Professor
Appointment Date: August 1985

Currently Employed: Permanent

1. Earned Degrees:

Doctorate of Education
University of Pittsburgh
Educational Communication Technology 12-19-1987

Master of Education
California State College
Industrial Arts Education 05-17-1980

Bachelor of Science in Education
California State College
Industrial Arts Education 05-17-1975

2. Professional Certifications or Licenses:

Pennsylvania Department of Education (PDE)
Instructional II Certificate 06-1979
Industrial Arts Education

3. Educational Experiences:

East Allegheny High School Graphic Communications / Electronics / Digital Micro 1976-1985

4. Teaching or Administrative Load:

GCM 100 Graphic Processes I 3 credits	AET Chairperson 6 credits
GCM 220 Layout and Design 3 credits	Interns
GCM 240 Electronic Desktop Publishing 3 credits	University Student Teacher Supervisor
TED 111 Information Systems 3 credits	Student Teacher Practicum
TED 302 Energy Control Systems 3 credits	
TED 346 Digital Communications 3 credits	
MMT 701 Multimedia Technology (Grad) 3 credits	
MMT 702 Multimedia Systems (Grad) 3 credits	
MMT 703 Digital Editing ((Grad) 3 credits	
MMT 704 Web Publishing (Grad) 3 credits	
MMT 720 Emerging Technology and Apps (Grad) 3 credits	
MMT 760 Multimedia Production (Grad) 3 credits	

5. Grants, Tech Fees, Awards and Certifications

- High School ROBOTIC CAMP--222 WGL Pathway for Career Success Program Grant
Kallis--Camp Program coordinator and curriculum developer (Camp--June 20-24, 2011)
- Invited back to conduct a two-week training of teachers in Robotics at the TIME CENTER in Baltimore (Summer 2012)
- NSF TIME CENTER Grant, Baltimore Maryland – Myself and another faculty member conducted training & developed curriculum for the TIME Center in Baltimore. (Fall 2010, Spring 2011, Summer 2011)
- Benjamin Wiley Program (Grant) – Developed robotic curriculum for the three-week course (Summer 2010)
- Received the 2009 “Distinguish Service Citation” From Epsilon Pi Tau,
International Honor Society for Technology Professionals.
- CMU/CALU Robotic Department of Defense Contract – consultant, web / wiki / production design and NCRETE teacher outreach training (2007 - 2011).
- Received the 2008 FPDC (Faculty Professional Development Committee) *Technology Faculty Award*

- Collaboratively developed a Tech Fee grant with EET – Electronic/Digital Electronics/STEM (2009)
- Collaboratively developed a Tech Fee grant with SAI – Podcasting Center (2007).
- Blackboard and Quality Matters certified
- Received the Laureate Award From Epsilon Pi Tau, International Honor Society Technology Professionals.

6 Department and University Assignments

Department Committees

- Member of the Graphic Communication Technology Accreditation team
- Coordinator and Member, Technology Education Committee
- Member, Graduate Committee
- Chair, Periodic Program Review Committee
- Member, Graphics Committee
- Member, Multimedia Committee / Coordinator
- Member, Tenure / Promotion

University Committees

- CAL Fusion Committee
- COEHS Council
- Science and Technology Council
- College of Education and Human Services Governance Committee
- Chair's Forum
- Provost Council
- College of Education and Human Services Advisory Board
- Member, FPDC (Faculty Professional Development Committee) Technology Committee and Consultant TEAM
- Member University Wide Promotion Committee (serving term 09-01-2009 – 09-01-2011)
- Member, LiveText Committee
- Member, Technology Committee (College of Human Services and Education)
- Member, University Graduate Committee
- Served on the SAI periodic review board
- Served on the 2005, 2006 and 2007 Computer Center Hiring Committees
- Served on the 2004 Music Hiring Committee

7. Professional Service:

- November 12, 2011- first meeting with Dr. Macho and Sue Wang, Professor-China National Institute for Educational Research, Center for International Comparative Education. Developing a plan to implement Technology Education in China. CAL U and Buffalo State University of New York.
- Elected as the 2011 President-Elect for the Technology and Engineering Education Association of Pennsylvania
- Presented at the 2011 ITEEA Conference:

Presentation: *TeleRobotics-The Internet a Physical Sensor*

Program Description: The TeleRobotic system will introduce environmental exploration and make decisions by the acquisition/exchange of data. This system will employ wireless Internet and sensor notes.

- Developed the BS in Mechatronics Engineering Technology (MTR) program & PASSHE Proposal (2010-2011)
 - Composed the Letter of Intent (LOI) for the MTR degree - Approved by PASSHE (August 2010)
 - Carnegie Science Center Robotic – “Robotics on the Road” (Spring 2010-Fall 2010)
 - IA-Tech Ed Alumni Society Board Member – Team member on the 2009-2010 Harley Davidson Fundraiser
 - CAL U's FPDC Technology Consultant (2005 and ongoing)
 - Planned and hosted – Technology Student Association (TSA) Regional Leadership Conference (1989-1999)
 - Judged TSA Leadership Conferences at Seven Springs (17 years and ongoing)
 - Judged Battle Bots IQ (2007 and ongoing)
 - Member of the Lancaster County Workforce Investment Board on Mechatronics (2010 ongoing)
- Mid-Atlantic Mechatronics Partnership

- Consultant:
 - 2+2+2 Articulation Evaluator (2009 and ongoing)
 - Robotic Advisory Board Member – Butler Community College (2009 and ongoing)
- Served as a visiting professor for Rita Young (Masters candidate in the Music Program at Duquesne University) (2007)

7. Professional Service continued:

- Member, Beth Center School District Technology Committee
 - Developed a strategic plan for the district
- Member, Beth Center School District Mon-Valley Education Consortium
- Member, Music Technology Program (outside consultant for the program's development)
- Served as one of the original members in the development of the Music Technology degree at CAL U with Max Gonano.
- Member, ISEC Committee
- Curriculum Consultant-Information Technology, Digital Media, and Technology Education (ongoing)
 - Greenville School District
 - Mt. Lebanon School District
 - Upper St. Clair School District
 - South Park School District
 - Riverview School District
 - Gateway School District
 - Beth Center School District
 - California School District
 - Forest Hills School District
 - Punxsutawney School District
 - Albert Gallatin School
 - Carmichaels School District
 - Charleroi School District
- TEAC advisor to the video production team (1995 and ongoing)
- Web Master for the Skating Club of Mt. Lebanon (2000 and ongoing)
- Web Master for St. Thomas Aquinas and St. Joseph Churches (2005 and ongoing)
- St. Thomas Choir (2008 and ongoing)

8. Recent Journal Publication

Enhanced Podcasting with Section 508, ACCEC Journal, (Fall 2009)

9. Current Professional Association Memberships:

- Epsilon Pi Tau (EPT) – International Honor society for Technology Professionals (1976 and ongoing)
 - Trustee of EPT, PSI Chapter at California University of PA (2005 and ongoing)
 - Co-Trustee of EPT, PSI Chapter at California University of PA (1986 -1995)
- Technology & Engineering Education Association of Pennsylvania (TEEAP)-35 years
- International Technology & Engineering Educators Association (ITEEA)- 35 years

10. Research and Development / Curriculum / Program:

Developed BS in Mechatronics Engineering Technology Program & proposal for PASSHE approval (2010-2011)

MMT Team - Developed Masters in Multimedia Program (1994)

Distance Education with a content management system

- MMT 701 Multimedia Technology
- MMT 702 Multimedia Systems
- MMT 703 Digital Editing
- MMT 704 Web Publishing
- MMT 720 Emerging Technology and Apps

Research and Development / Curriculum / Program: continued

- MMT 760 Multimedia Production
- Redesigned the following courses in Technology Education (2008, 2007, 2006, 2005)
 - TED 111 Information Systems - TED 125 Engineering Materials - TED 302 Energy Control Systems
 - TED 346 Digital Communications
- Technology Engineering Education Association of Pennsylvania (TEEAP) High School Curriculum Guide
 - Developed State Curriculum in the area of Information Systems

11. Presenter:

Presented—"Roadmap to Mechatronics"—PA Partners 27th Annual Employment, Training & Education Conference, Hersey, PA - May 4-6, 2011

- ITEEA 2011 Conference- presented —"TeleRobotics-The Internet a Physical Sensor", Minneapolis, MN-2011

Web 2.0 Apps - Learning Environments – ACCEC International Conference – Vancouver, Canada (2009)

PASSHE Academy - *Hybrid Podcasting and Web 2.0-3.0 Apps for the Classroom.* (2009)

A Professor's Perspective on the Quality Matters (QM) Process: A Continuous Improvement Model to Assure Quality of your Online Course(s) and

Enhanced Podcasting with Section 508 at the 14th Annual TCC Worldwide Online Conference.

(TCC, Technology, Colleges and Community, is a worldwide online conference designed for university and college practitioners including faculty, academic support staff, counselors, student services personnel, students, and administrators). (2009)

- ITEEA 2009 Conference – *Teaching STEM Concepts with Agile Robotics*, Louisville, KY-2009

- EPT – *Epsilon Pi Tau's Profile of Recognition for 80 Years*, Louisville, KY (2009)

- FPDC (Faculty Professional Development Center) Presentations

Quality Matters

Skype

Audacity

Camtasia

Podcasting

-Presenter—Technology Engineering Education Association of Pennsylvania (TEEAP) Conference, Camp Hill, PA

Problem Solving using ROBOTC and Gaming APPS (2011)

Web 2.0, 3.0 Technologies and APPS (2009)

Junk Bots to ROBOTS (2008)

Enhanced Hybrid Podcasting (2007)

DVD Technology (2006)

- Presenter—Department's Annual Technology Spring Conferences

Robotics with STEM (2009)

Multimedia Technology (2008)

Multi-track Recording and Editing (2007)

BOSE PSA System (2006)

RSS Feeds and Word PRESS (2005)

- Conducted a one-week Governor's Institute workshop

Information Technology and Digital Media

12. Participant in Workshops or Conferences:

- Covey – 7 Habits (Summer 2009)

- ITEEA 2011, 2010, 2009, 2008 Conferences

- TEEAP Conference – Camp Hill, PA (2011, 2010, 2009, 2008, 2007, 2006, 2005)
- 2007 Distance Teaching and Learning – Madison, WI.
- QM Matters workshop certification – California University of PA
- Blackboard certified – online certification
- Blackboard workshops – California University
- Wimba's Live Classroom workshop – California University of PA
- Assessment and Learning – California University of PA
- Technology Education Collegiate Association Eastern Regional Conference, Virginia Beach, VA
- TSA State Leadership Conference, Seven Springs, PA – conference (11 years and ongoing)
- Apple Computers – MAC OS, Podcasting, iTunes U and iLife – workshop