

# IEEE Certification Programs

**Tom Wiener**  
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# Tom Wiener

- ◆ Thomas Freud Wiener, Sc. D., LSMIEEE
- ◆ Past President, IEEE Oceanic Engineering Society
- ◆ Past President, IEEE Sensors Council
- ◆ Chair-Elect, IEEE Committee on Earth Observation
- ◆ Commanded USS Jack (SSN605)
- ◆ DARPA Program Manager
- ◆ Principal, The Forté Consultancy



- ◆ World's largest professional organization
- ◆ 375,000 members world-wide
- ◆ Ten regions, 326 Sections
- ◆ Forty-four technical Societies and Councils
- ◆ Standards Association
- ◆ Educational Activities Board

# Gear Gone Missing?

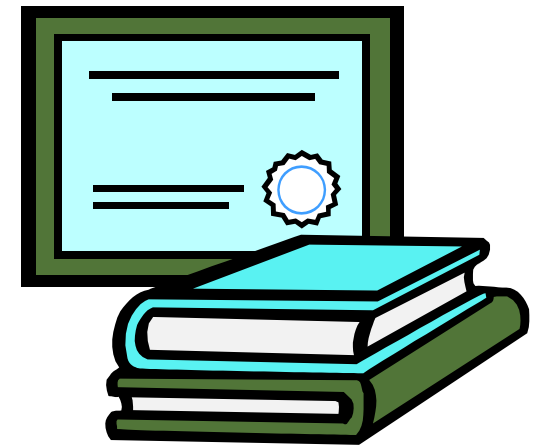
## Get it back ...

[www.lostinstruments.org](http://www.lostinstruments.org)



# Certification

- ◆ Accreditation
- ◆ Licensure
- ◆ Certificate program
- ◆ Certification



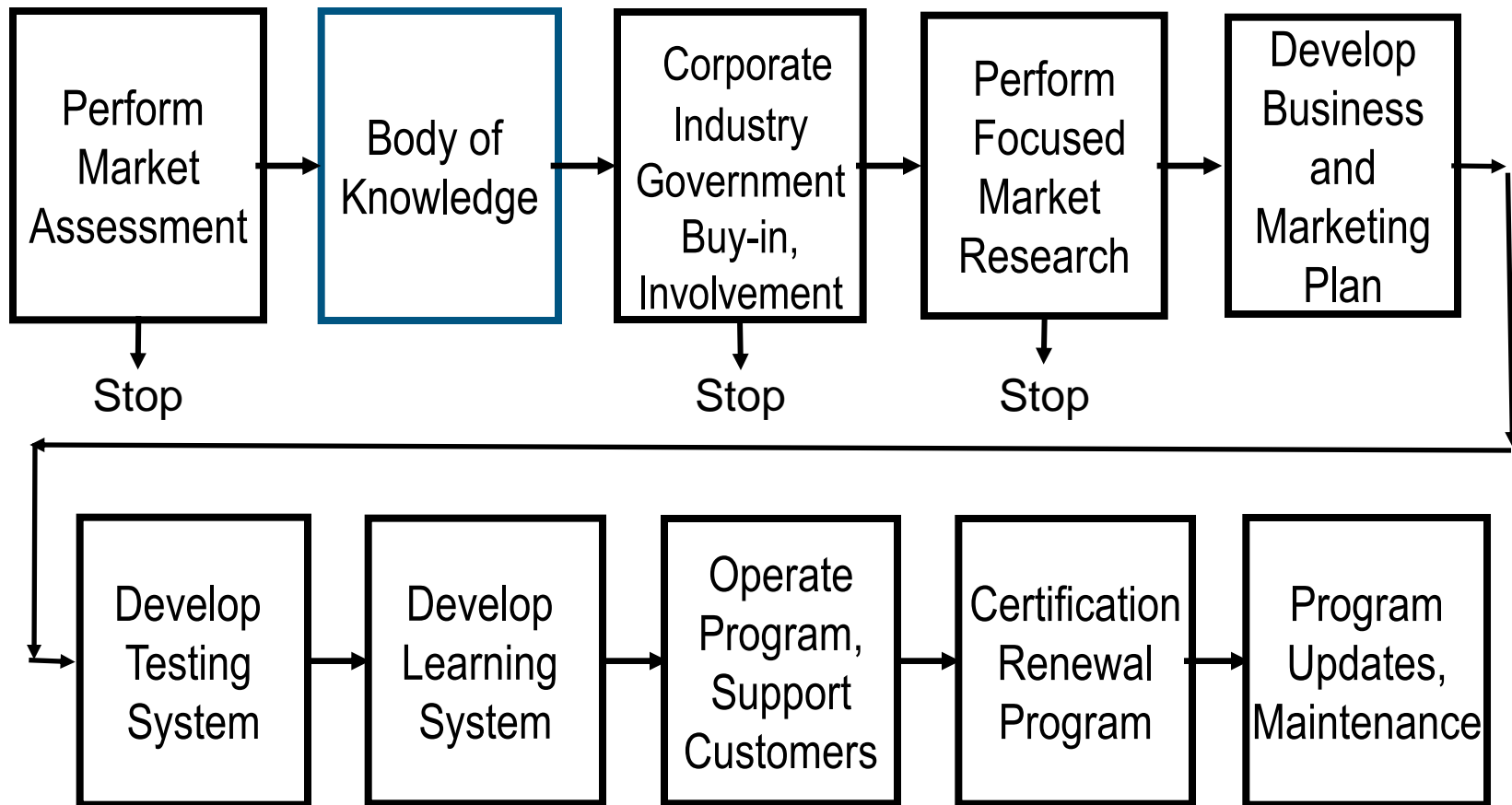
# IEEE Certification Programs

- ◆  Computer Society  
(<http://www2.computer.org/portal/web/getcertified>)
  - ❖ CSDP (program is live)
  - ❖ CSDA (program live as of May '08 in N.A. and Sept '08 internationally)
- ◆  Communications Society  
(<http://www.comsoc.org/cert/>)
  - ❖ WCET (program live as of Sept '08)

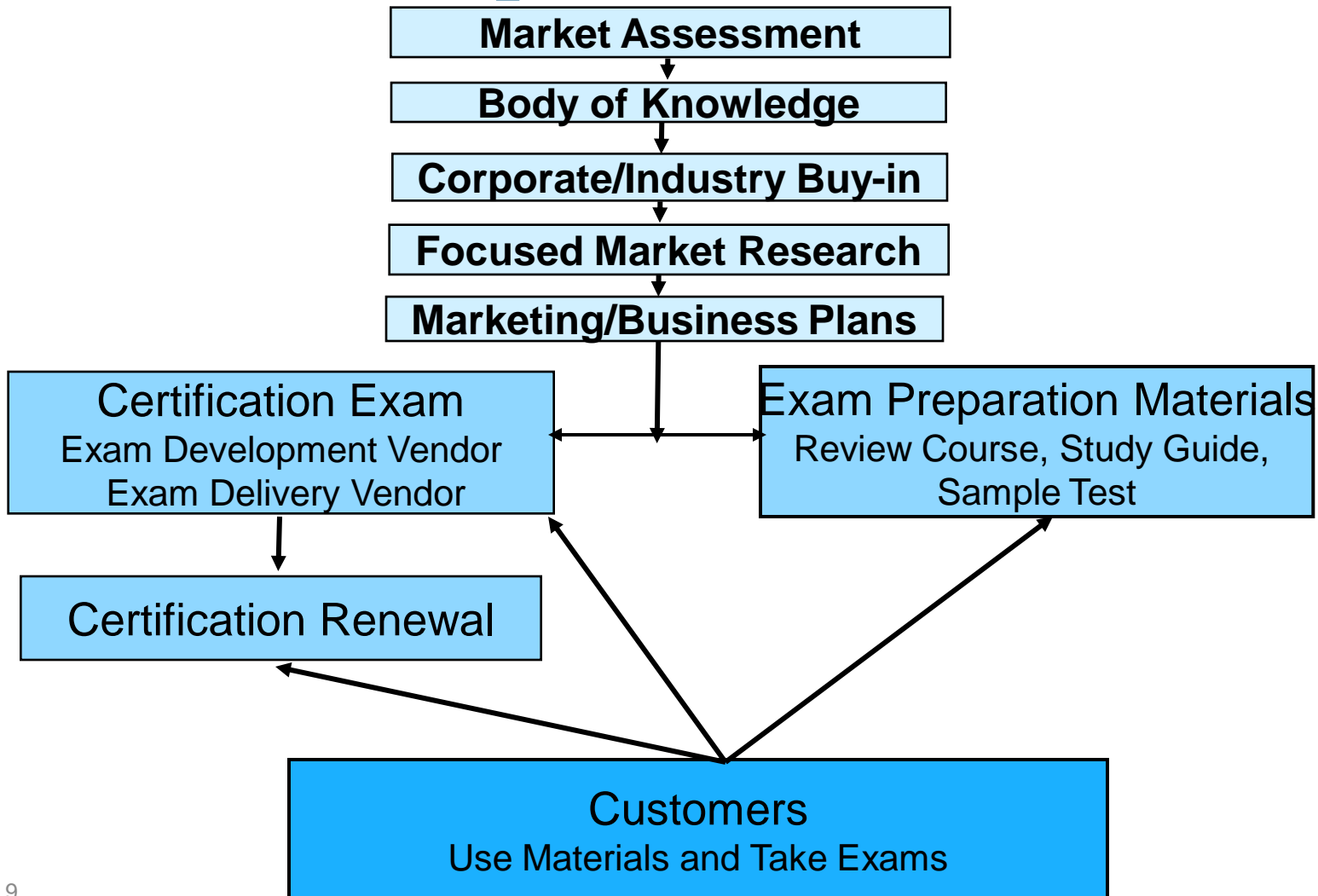
# IEEE Certification Programs

- ◆ In Development
  - ❖ Biometrics (Finalizing BOK)
- ◆ Research Stage
  - ❖ Chip Design (Market assessment is under review by CEDA)
- ◆ Possible Future Programs
  - ❖ Systems (Early discussion stage by Systems Council)
  - ❖ Power (Early consideration stage)

# Development Model



# Development Model



# Observations

- ◆ Numerous certification programs
  - ❖ Excellent
  - ❖ Not profitable
  - ❖ Unsatisfactory customer volumes
- ◆ Collect benchmarking data on similar programs
- ◆ Long-term commitment
- ◆ Labor issues
- ◆ Staff or vendor may be needed
- ◆ Sales, marketing and communications strategies and tactics in advance of program launch.
- ◆ Offer educational materials

**What difference will it make?**

**Who cares?**



# IEEE

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**Celebrating 125 Years**  
*of Engineering the Future*

**Thank You!**