Microelectronics

www.pcc.edu/programs/mt
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Jenny Kirchler – Program Advisor
ABOUT MICROWAVE TECHNOLOGY

• We help students to become technicians in the microelectronics industries
• We are a 2 year/associate of applied science degree program
EQUIPMENT/MAINTENANCE TECHNICIAN

- Clean/structured environment
- Compressed workweek
- Benefits: tuition, health, stock....
- Local history
THE MT ADVANTAGE

• Strong demand for MT graduates from local industries:

  • Starting salary: $50,000 ~ $55,000
  • Typical technician salary: $50k ~ $60k
  • Highly experienced technician salary up to $90k
  • 90% Job Placement Rate
Microelectronics

2 year AAS degree connects to the largest private employers in the region

Over 200-300 requests for MT graduates in the past year

>90% placement rate

www.pcc.edu/mt
$900,000 NSF – NATIONAL SCIENCE FOUNDATION GRANT 2017-2021
$ Scholarships will be awarded over the next 5 years to students enrolled in Microelectronics Technology courses at PCC
- one term of MT courses
- FAFSA
- 2.8 GPA
- Full time student (12+ credits/term
- $2000 max per term up to 5 terms (renewable)
1 more year of aid for students pursuing Bachelor’s
WHAT’S NEXT?

• Contact Jenny Kirchler – MT Program Advisor
  jenny.kirchler@pcc.edu – 971-722-7288

• We recommend the following courses:
  – MT101-103 Intro to MT
  – MT111 Analog Circuit I
  – MT121 Digital Circuit I
  – MTH 95, MTH111
  – WR121, WR227
Rich Mikulak
Instructional Support Tech
2019 - present
PCC MT graduate 2004
Intel Technician 1996-2019

Diffusion Area Tech (wet station, vertical diffusion furnace, rapid thermal process/anneal) 1996-2000
Etch Area Tech (wet station, plasma etch, plasma ash) 2000-2003
Post production/300mm startup (200->300mm conversion) 2003-2005
Automation Equipment Tech (AMHS/MIT support) 2005-2019

A day in a life of an Intel Manufacturing Technician
Sarah Teters

Education: A.A.S. in Microelectronics Technology (2019)

Experience: Manufacturing Technician, Intel

“I went from living in a bedroom at my parents’ house to having my own place,” Teters said. “I developed a career and it’s great. The opportunity is there because you have this amazing support at PCC, especially in this program. As long as you don’t give up on yourself, you can make it.”

Read Sarah’s Story