What is Applied Science?

Applied science is a discipline that takes the knowledge gained from science to use in real life situations. Fields like chemistry, physics, and biology are the foundations for applied sciences. Practical applications include technologies to manufacture pharmaceuticals, develop food products, create green energy, refine oil and water processes and advance medical fields among others. At Los Angeles Trade-Technical College, we offer an Applied Science Pathway for individuals interested in pursuing a career in the process of discovering, developing, manufacturing, or regulating quality of new products.

Our Applied Science Pathway includes 3 different Programs of Study for students to choose from:

1. Biotechnology (emphasis in Biomanufacturing)
   - 33 units → Certificate
   - 60 units → A.S. Degree

2. Chemical Technology
   - 47 units → Certificate
   - 60 units → A.S. Degree

3. Process Plant Technology
   - 45 units → Certificate
   - 60 units → A.S. Degree

Job Opportunities with Applied Science training:

- Biological Technician: *$39,750 - $64,880
- Chemical Technician: *$42,920 - $70,710
- Chemical Plant & System Operators: *$54,730 - $76,850
- Environmental Science & Protection Technicians: *$41,240 - $68,620
- Food Science Technicians: *$34,070 - $53,460
- Gas Plant Operators: *$64,680 - $86,440
- Geological and Petroleum Technicians: *$52,700-$99,300
- Medical and Clinical Lab Technician: *$54,730 - $76,850
- Occupational Health & Safety Technician: *$57,580-$78,900
- Science Technician: *$34,750 - $53,460
- Water/Wastewater Treatment Plant & System Operators: *$42,760 - $67,810


Sign Up Today & Learn more about our Applied Science Pathway:

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