



Dr. Jason Yao
 Professor, Electrical
 Engineering Concentration
 Coordinator
 Department of Engineering
 ECU College of Engineering and
 Technology
 Office: Slay 203
 Phone: 252-737-1029
 E-mail: yaoj@ecu.edu

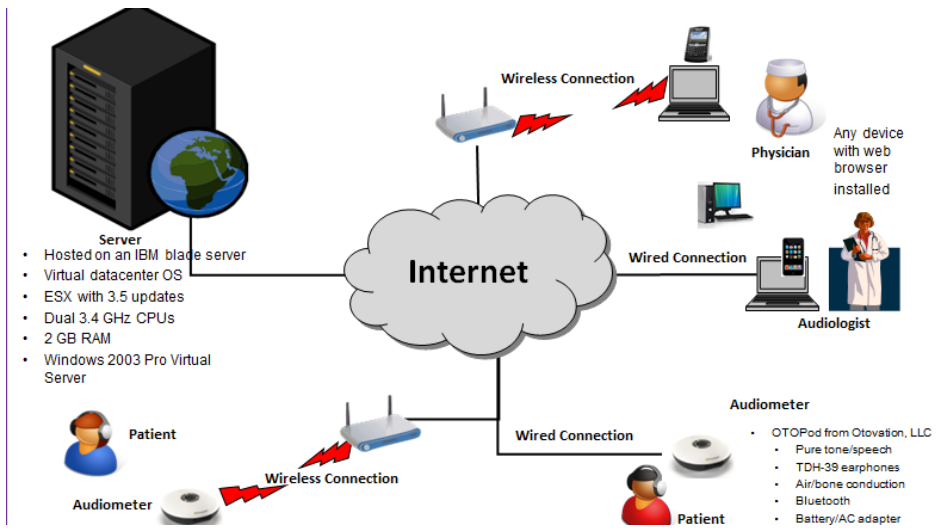
Laboratory-Driven Engineering Education

- Student motivation
- Laboratory learning in informal settings
- Flipped classroom instruction
- Outcome assessment



Control System Design

- Mechatronics
- Dynamic system modeling
- Control system specifications
- Control system integration



Telemedicine and Telehealth

- Home care device design
- Long-term monitoring sensor design
- Wireless-enabled devices
- Pre-clinic test and analysis

