



Biotechnology-Bioservices Center, Thomson Hall, Mansfield Depot Campus, 30 Ahern Lane, Unit 5108, Storrs, CT 06269-5108

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**Electrical/Electronics**

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**Theft-Security**

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*“The mission of the Technical Services Facility is to support academic research and administrative activities by providing technical consultation, engineering, manufacturing, design, and repair services. Skilled specialists are on staff to meet your every need, whether they be in machining, equipment assembly, or instrument testing.”*

## *Technical Services Facility Overview of Design, Repair, and Upgrade Services*

■ **Computer Repair Section**

The Computer Repair Section services all University PCs and laptops no longer covered by warranty. Services include installations, configurations, computer upgrades, diagnostic examinations and preventative maintenance.

■ **Electrical/Electronics Technology Section**

The Electrical/Electronics Technology Section repairs a wide variety of devices, including audiovisual equipment, centrifuges, CNC machines, laboratory equipment, chromatography pumps, microplate readers, and other machinery. This Section also provides engineering prototype development assistance in such areas as automated controls, PLC integration, and sensors as well as servo and stepper drives.



Electronics Design and Computer Specialist John Pudelkiewicz

■ **Glass Technology Section**

The Glass Technology Section designs, manufactures, and repairs highly intricate and specialized glassware used for research and teaching. The Section's standard products include chromatography columns, flash evaporators, cryogenic traps, and boiling flasks. On request, Glass Technology assists in prototype development and manufactures customized or specialized equipment. This Section also undertakes repairs to equipment such as diffusion pumps, McLeod Gauges, Nitrogen Cryogenic Dewars, vacuum systems, and distillation equipment.



Glass Design Specialist David King

■ **Mechanical Technology Section**

The Mechanical Technology Section consists of a complete machine shop for working with metal, Plexiglass, and other materials. Skilled specialists, working from verbal instructions to elaborate diagrams, design, fabricate, or repair complex scientific and mechanical instruments and carry out jobs in precision machining, brazing, soldering, welding, woodworking, sheet metal, Plexiglass fabrication, and vacuum pump reconstruction. Specialists are able to custom design and fabricate your research project with the utilization of computer aided design software.



Mechanical Specialist Mark Drobney and Facility Head/Mechanical Specialist Joseph Csiki

■ **Office Equipment Section**

The Office Equipment Section is certified to perform repairs and diagnostic troubleshooting on Hewlett-Packard printers as well as for multifunction devices and printers from other manufacturers. The Section's services range from preventative maintenance to the installation of custom-tooled replacement parts. This Section also repairs typewriters, fax machines, calculators, and shredders.

■ **Theft-Security Installations Section**

Upon department request the Theft-Security Section will evaluate and develop security devices for University equipment. This Section can secure most office, laboratory, and scientific equipment.



Office Equipment /Theft-Security Specialist John Pudelkiewicz