

The L. T. Walker International Human Performance Center

Location: Minges Coliseum

Established: 1996

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<http://www.ecu.edu/walkercenter/>

Purpose: To provide comprehensive physiological and biomechanical testing and evaluation of athletes and educational programs for coaches and trainers.

Instrumentation:

This center uses the facilities and instrumentation of the Human Performance Laboratory and the Biomechanics Laboratory in the Department of Exercise and Sports Science.

Capabilities: Testing available.

Treadmill and Cycling Tests
Skinfold Thickness
Neuromuscular Efficiency
Muscle Biopsy
Blood Testing
Dietary Recall
Maximal Strength Test
Heat and Cold Tolerance Testing

Force Analysis
Maximal Power and Fatigue
DXA-Body Composition/Bone Density
Biomechanical Running Efficiency
Motion Analysis
Screening for Running Injuries
Lactate Threshold

This description was last updated (9/08.)