

3220 30th Avenue
Kenosha, WI 53144
262.564.3600
262.564.3601 (fax)

**Center for Bioscience
and the Integration
of Computer and
Telecommunications
Technology**

Information brochure



The Center for Bioscience and the Integration of Computer and Telecommunications Technology (BioCATT) will be recognized as a regional, statewide, and national partnership model for the advancement of two critical industry clusters in Southeastern Wisconsin: biomedical/pharmacology and telecommunications/computer technology. Relevant and responsive educational and training services in support of these clusters will be the hallmark of BioCATT. This center will also serve as the technology hub to allow for the rapid movement and transfer of information within the region.

100 103

Cyber Cafe/Commons

The Cyber Cafe will become the location for students to access the Internet, collaborate with other students, and do their studying. All the resources they need will be available in the Cyber Cafe. The location has hardwired computers available to students, as well as wireless access for those students with their own laptops. There are a variety of seating arrangements to accommodate students' needs. Some chairs recline and some are connected but can swing around to create communication pods. Some work areas are at counter height, and some areas provide more privacy at desk height.

114 115

**Information Communication
Technology Lab**

Computer lab's are spacious and comfortable. They are equipped with the newest equipment from IBM, our technology partner. Students will have access to everything they need to be a success in the world of Information Technology. Students will have access to a robust network infrastructure consisting of gigaspeed copper, multi-mode and single-mode fiber, wireless, and the latest switching equipment available. Students communicating across the country via the Internet could easily be taking advantage of Gateway's Internet Service Provider's connection to the newest Internet 2 network, an evolving high speed network only available for education and research.

120

Executive Training Room

The Executive Training Room includes state-of-the-art presentation and video conferencing systems. Video Conferencing systems enable participants from across the state or across the world to participate truly making Gateway an international educational player. Presentation systems are flexible and can be adapted to high tech multimedia presentations or to a panel of speakers with wireless microphones for audience participation.



Directions

Parking is available directly in front of the facility. Handicapped spaces are designated. All areas of the Conference Center are handicapped accessible.

Parking

121

BioCATT Conference Room

This is a small conference room for meetings and/or break out sessions. It has full multi-media presentation capabilities using a wireless control system and a large plasma monitor. The equipment is hidden throughout the room to make it more esthetically pleasing. The document camera is hidden in the ceiling so that the presenter just needs to put their document on the table, and it will be seen. Video Conferencing is integrated into this room thus enabling collaboration to take place between multiple locations.

123

Smart Training Room

The Smart Classroom contains the latest educational presentation technology. Instructors will be able to annotate over computer images and save those images for students to access at another time. Instructors can zoom in on objects, textbooks, or provide close-up demonstrations on how to hold instruments. They have access to the full range of multimedia equipment. In addition, multiple screens and an extensive speaker system ensure that even students in the last row can see and hear every last detail.

124

Telecommunications Center

This room is the hub of the technology infrastructure for the rest of the building. The robust network infrastructure consisting of gigaspeed copper, multi-mode and single-mode fiber, wireless, and the latest switching equipment available all comes back to this room or is located in this room. The BioCATT is connected to the Internet, the rest of the campus, and all of Gateway's other campuses through this room. The room is temperature and humidity controlled to extend the life of the equipment and to keep it cooled. The room is monitored with special security cameras and equipment 24 hours a day, 7 days a week.

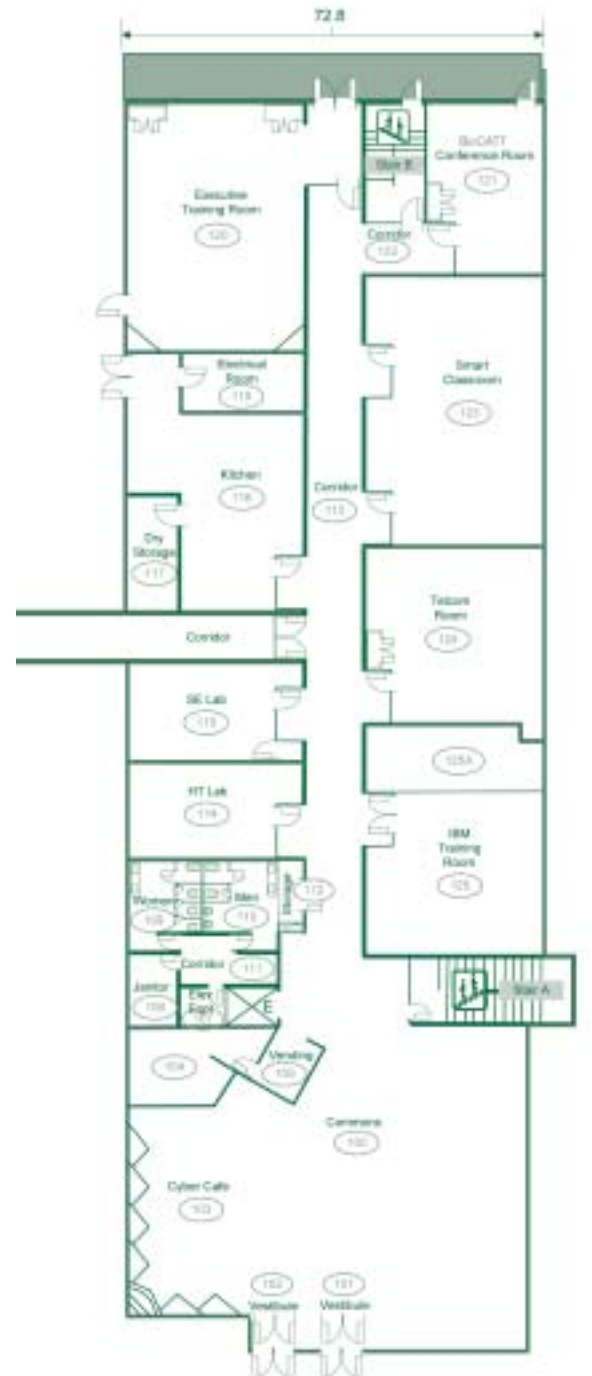
125 125A

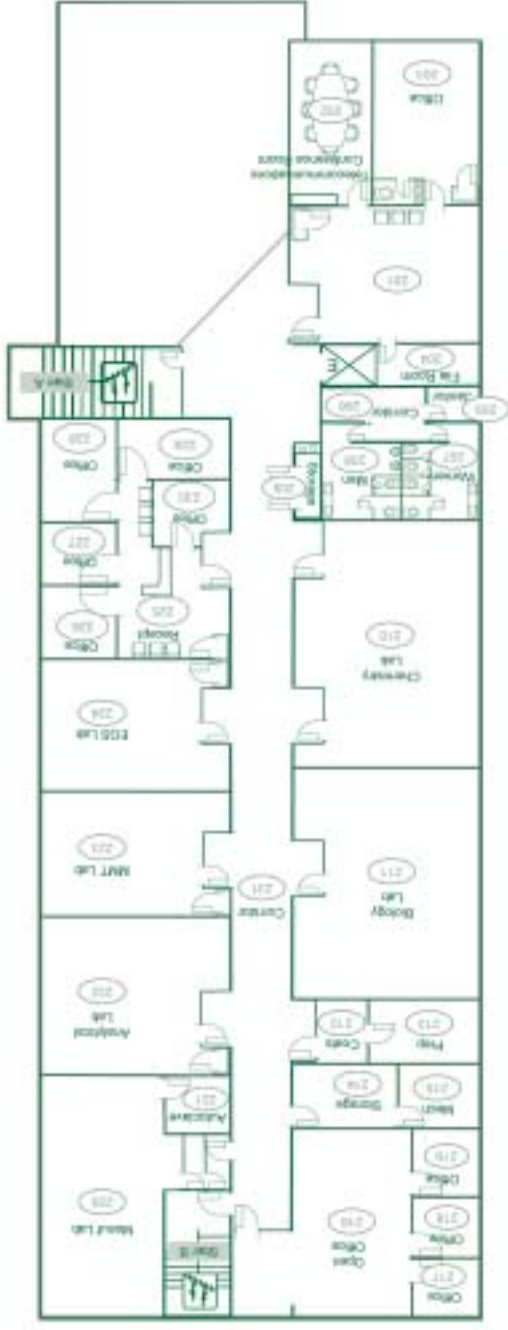
IBM Training Room

A state-of-the art training center for the ACE program that is being provided in collaboration with IBM. This room is set up to foster a collaborative team environment and to foster creativity and excitement. The furniture is specially designed to handle the computer networking that is required for the program. There are 18 stations plus the instructor station, and six more stations will eventually be added.



First Floor





201

Office of the President
Dr. Sam Borden, Gateway Technical College

202

Telecommunications

This room has Videoconferencing integrated into it and would allow the president to meet regularly with his counterparts districtwide. In addition, it has full multimedia presentation capabilities. Audiovisual capabilities include:

- A wireless control system.
- VCR, DVD, CD
- Ceiling mounted document camera.
- Supports both a permanent computer and a secondary laptop.
- Large plasma monitor.

210

Chemistry Lab

The Chemistry Lab is equipped with chemical fume hoods and the latest equipment for conducting lab's in Chemistry, Applied Chemistry, and BioOrganic Chemistry (the latter to be offered beginning next fall). High-quality analytical balances will allow students to learn precise measuring techniques. Water purified by reverse osmosis is supplied to all four of the lab's, the autoclave, and the lab prep room. Water polishers are located in rooms where further purification is required for the operation of sensitive equipment and handling of cell cultures.

211

Biology Lab

The Biology Lab is equipped with both a chemical fume hood and a Biosafety Cabinet to allow students to work efficiently in a wide variety of biological laboratory applications. State-of-the-art centrifuges, pipetors, thermal cyclers and other equipment will allow students to practice laboratory techniques used in a wide variety of bioscience technology lab's.

212

Bioscience Lab Prep Room

216

BiocATT Administrative Office

Offerings Include

- Small/Large Group Accommodations
- Internet Video
- Conference Call Capability
- Convenient Location
- Convenient Parking
- Wireless Internet Access

Media

- Computer/Video Projection
- Separate Connection for personal laptop to Plasma Monitors
- Projection Screens
- Video Conferencing Equipment
- VCR/DVD Player
- Video Recording Capability
- Visual Presenter/Document Camera (Projects 3-D objects, photos, documents)
- Flipcharts, and White Boards
- Wireless Microphones
- Telephone
- Computers
- Sound Systems
- Computer Annotation Capabilities
- Wireless Control Systems

201

Office of the President

202

Telecommunications

This room has Videoconferencing integrated into it and would allow the president to meet regularly with his counterparts districtwide. In addition, it has full multimedia presentation capabilities. Audiovisual capabilities include:

- A wireless control system.
- VCR, DVD, CD
- Ceiling mounted document camera.
- Supports both a permanent computer and a secondary laptop.
- Large plasma monitor.

210

Chemistry Lab

The Chemistry Lab is equipped with chemical fume hoods and the latest equipment for conducting lab's in Chemistry, Applied Chemistry, and BioOrganic Chemistry (the latter to be offered beginning next fall). High-quality analytical balances will allow students to learn precise measuring techniques. Water purified by reverse osmosis is supplied to all four of the lab's, the autoclave, and the lab prep room. Water polishers are located in rooms where further purification is required for the operation of sensitive equipment and handling of cell cultures.

211

Biology Lab

The Biology Lab is equipped with both a chemical fume hood and a Biosafety Cabinet to allow students to work efficiently in a wide variety of biological laboratory applications. State-of-the-art centrifuges, pipetors, thermal cyclers and other equipment will allow students to practice laboratory techniques used in a wide variety of bioscience technology lab's.

212

Bioscience Lab Prep Room

216

BiocATT Administrative Office

Offerings Include

- Small/Large Group Accommodations
- Internet Video
- Conference Call Capability
- Convenient Location
- Convenient Parking
- Wireless Internet Access

Media

- Computer/Video Projection
- Separate Connection for personal laptop to Plasma Monitors
- Projection Screens
- Video Conferencing Equipment
- VCR/DVD Player
- Video Recording Capability
- Visual Presenter/Document Camera (Projects 3-D objects, photos, documents)
- Flipcharts, and White Boards
- Wireless Microphones
- Telephone
- Computers
- Sound Systems
- Computer Annotation Capabilities
- Wireless Control Systems

224

Discussion Lab

222

Analytical Bioscience Lab
The Analytical Lab is designed to house high-end biotechnological equipment including four Agilent spectrophotometers, a high-performance liquid chromatograph, a gas chromatograph, and other equipment utilized by multiple laboratory classes. Students will utilize this equipment to purify and analyze proteins and perform a wide variety of biological and chemical analysis.

220

Bioscience Manufacturing Lab

The Manufacturing Lab is equipped with a simulated clean room entrance and with two high-quality Biosafety Cabinets to allow laboratory work in upstream and downstream pharmaceutical processing. Liquid nitrogen storage, a water-jacketed CO₂ incubator, and other specialized equipment will allow students to gather hands-on experience in cell and tissue culture. This lab also includes high-quality molecular biology and microbiology equipment for DNA electrophoresis, amplifying DNA through PCR, and a variety of microbiological analysis.

225 - 230

WGTD 91.1 FM

WGTD 91.1 FM, News and Classical Music on Your Gateway to Public Radio, provides an enlightening combination of in-depth news and cultural programming. Owned and operated by Gateway Technical College, WGTD is affiliated with Wisconsin Public Radio and National Public Radio and is a member of the Associated Press. WGTD's mission includes a strong commitment to local news and public affairs. WGTD also operates the Gateway Radio Reading Service, providing programming to visually impaired and physically challenged residents on a sub-carrier frequency. A third service (www.gatewaysportsweb.org) offers live and archived play-by-play of local high school and college sports.

The BiocATT will be recognized as a catalyst in development and growth of these cluster industries, having a positive and measurable impact on the economy of the region and the state.



BiocATT Conference Room 121
\$125 for up to 3 hours, \$25 each additional hour
Capacity 12



Executive Training Room 120
\$250 for up to 3 hours, \$50 each additional hour
Capacity 40



Smart Training Room 123
\$150 for up to 3 hours, \$25 each additional hour
Capacity 42



Information Communication Technology Labs 114/115
\$150 for up to 3 hours, \$25 each additional hour
Capacity 18 ea.

Call to Reserve Rooms: 262.564.3016

Video Conferencing Service

\$50 per hour (site to site connections) plus room rental rates and technical support

For multiple site connections, please call for current rates.

Actual Cost

Supplies (including science supplies)

Actual Cost

Custodial fees for setup, cleaning and special requests

Other Fees

The District will attain a list of vendors licensed by the local health department that have expressed an interest in providing food service. Facility renters will be required to use this list if food service will be provided to participants.

Catering

The Conference center manager will assign rooms best suited for your specific function needs. In assigning a room, its size, its capacity under a specific layout, the type of event, and the presentation style will be considered.

Setup