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Information Technology 2019

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2019 ABET Accreditation for Information Technology - Template

D. Library Services

Describe and evaluate the capability of the library (or libraries) to serve the program including the adequacy of the library's technical collection relative to the needs of the program and the faculty, the adequacy of the process by which faculty may request the library to order books or subscriptions, the library's systems for locating and obtaining electronic information, and any other library services relevant to the needs of the program.

The Georgia Southern University Libraries support the University's academic programs and the scholarly needs of students, faculty, and staff by providing information resources and high-quality research services. The Georgia Southern University Libraries are a gateway to the Internet, electronic information resources, books, government documents, periodical articles, electronic books, audio-visual materials, and educational software. The Libraries are also excellent locations for quiet or group study. For contact information, access to online resources and services, and full descriptions of the support we offer to faculty and students, patrons can visit the web page at <http://library.georgiasouthern.edu>, whether on the Statesboro, Armstrong, or Liberty campuses.

Henderson Library, Statesboro Campus

The Henderson Library opened in 1975 after outgrowing the Rosenwald building. A \$22.75 million expansion/renovation project began in summer 2004 and was completed in August 2008. This expansion added 101,000-square feet to the original building and included the first Automated Storage and Retrieval System in any library in the southeast. The total square footage of the building is 245,888.

The Library houses over 400 Internet-accessible personal computers, both Windows-compatible and Macintosh. Wireless access to the Internet and the campus network are offered if patrons wish to bring their own laptop or portable device. Patrons can also borrow laptops, iPads and small portable whiteboards for use within the building at the checkout desk on second floor. The Libraries support a variety of standard and advanced software programs. Workshops on word processing, spreadsheets, HTML basics, and more are offered each semester.

Lane Library, Armstrong Campus

Named for Mills B. Lane, prominent Savannah-Atlanta Banker, philanthropist, and an early patron of the university, Lane Library was built in 1966 and substantially enlarged in 1975. The building was completely renovated in 2005-2006. The space devoted to library services grew by 25% with the 2013 opening of the Learning Commons in an adjacent renovated building. The Learning Commons features group study rooms, Macs and PCs, Wi-Fi access, and a variety of furniture ideal for group and individual study.

Library Liaison Program

Created to provide better engagement with academic departments and their faculty and students across campuses, Liaison Librarians are available for one-on-one consultations, hold special seminars, teach library/Internet-use workshops, create subject guides for disciplines and courses, offer individualized research assistance, locate resources, and collaborate with researchers on data management plans (DMP's) for grant proposals. Two library liaisons responsible for Information Technology are:

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 Professor/Research Services Librarian
 Research Services Department (RSD), Zach S. Henderson Library, Georgia Southern University
 Statesboro, GA 30460
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Library Collections

The Georgia Southern University Libraries, which are composed of the Lane Library and the Zach S. Henderson Library, are a major academic resource for three campuses, with their collections of scholarly books and journals, government publications, special book and manuscript collections, AV materials, and links to networked information resources in various electronic formats. These electronic resources are easily accessible both on and off campus 24/7.

Table 1 Library Collections:

No.	Category	Total
1.	Volumes of cataloged books and bound periodicals (Henderson)	683,675
2.	Volumes of cataloged books and bound periodicals (Lane)	210,263
3.	Volumes of cataloged government documents and bound periodicals (Henderson)	87,771
4.	Electronic books (includes government documents)	652,207
5.	Print periodical subscriptions (Henderson)	154
6.	Print periodical subscriptions (Lane)	239
7.	Electronic journals and related resources (Henderson /Lane)	104,713
8.	Electronic databases (Henderson /Lane)	315
9.	Physical media (DVD, CD, CD-ROM, Graphics in general collection) (Henderson)	14,374
10.	Physical media (DVD, CD, CD-ROM, Graphics in government documents) (Henderson)	4,057
11.	Physical media (DVD, CD, CD-ROM, Graphics in general collection) (Lane)	8,713
12.	Digital media titles (Films on Demand, Naxos) (Henderson /Lane)	177,921
13.	Digital media titles (government documents)	7,640

Note: All data are from the FY18 fiscal year and are current as of June 30, 2019

Both libraries house special collections that contain rare books, manuscript collections, and artifacts relating to the history of local areas and the University. The Lane Library's special collections include the University Archives and the Florence Powell Minis Collection, which contains published materials on local history and culture and first editions by Conrad Aiken and other Savannah writers.

The Zach S. Henderson Library's Special Collections division houses rare books, manuscript collections, and artifacts relating to the history of the Statesboro region and Georgia Southern University. Special Collections has materials documenting the Civil War, World War II, southern railroads, early businesses, and local genealogy. Popular collections include: the Okefenokee Swamp Collection, the Bulloch County Historical Society Collection, and the Lucile

Hodges Collection. Also available for research are the Marvin S. Pittman Collection and the Charles Holmes Herty Collection, to name only a few.

The Henderson Library and Lane Library participate with other libraries in the international OCLC network, for borrowing and lending of library materials. The Henderson Library absorbs all charges, so the service is free to borrowers. Georgia Southern faculty, staff, and students are eligible for Interlibrary Loan service. Many articles are provided to the patrons in PDF format via the Inter-Library Loan platform, ILLiad. Students enrolled in Distance Learning and other off-campus classes at Georgia Southern University may request that Library materials be sent directly to them. Faculty also enjoy library items and interlibrary loan items being mailed to their offices free of charge. There is no limit to the number of items requested, and there is no charge for these services.

As a depository for publications of the U.S. Government and the State of Georgia, the Henderson Library has a special responsibility to make those publications available to the academic community and to the public at large in accordance with the rules and policies of the U.S. Superintendent of Documents and the State of Georgia.

Library Services

Books and other materials held at Henderson Library in Statesboro and Lane Library at the Armstrong campus may be requested for delivery to patrons at the other campuses within one or two business days. In addition, books from other University System of Georgia Libraries can be requested free-of-charge through the GIL Express service. Through the state-sponsored GALILEO system and through locally selected resources, library users have online access to hundreds of databases, over five million book titles, thousands of academic journals, and many forms of media. Most journal articles and books that are not otherwise available can be requested from other libraries in the United States and around the world via an interlibrary loan service.

The Libraries offer extensive service hours during academic semesters, with some variation between facilities. The University Libraries are open over 300 hours per week during regular academic semester. The schedules vary for holidays and between terms and is available online at: <http://library.georgiasouthern.edu>. The web page also gives patrons connections to our electronic resources (via an A-Z Databases List), online catalog of library holdings (GIL-Find), interactive reference service, and useful tips on finding the information patrons need.

Off-campus library services are supported through online services described and by local libraries. Off-campus faculty and students have access to online library resources via the Libraries' web page using their [MyGeorgiaSouthern](#) credentials. Off-campus students may also request materials that are not available in full text online by using the Libraries' online fulfillment service.

Table 2- Library Services:

No.	Category (Henderson)	Total
1.	General and Reserve Circulation Transactions, including Electronic Checkouts	24,667
2.	Interlibrary Loans Provided to Other Libraries	8,070
3.	Interlibrary Loans Received from Other Libraries	9,500

4.	GIL Express Loans to Other Libraries	1,131
5.	GIL Express Loans from Other Libraries	1,261
6.	Visitors to Library Homepage	240,691
7.	Discover Searches (by May 31, 2018)	858,460
8.	Visitors to Library	1,811,980
9.	Public Service Hours/Semester/Week	143

Note: All data are from the FY18 fiscal year and are current as of June 30, 2019

Library Resources: print and electronic

Table 3- Monograph Holdings for Information Technology (Library of Congress Classification)

Classification Code	Total Number of Titles	Number of Print Titles	Number of E-books	Category
QA76.9D343	724	233	491	Business Intelligence QA76.9.D343+QA76.9.D3+QA76.76.I58+TK5105.875
QA76.9 A25	3771	1065	2706	Cyber Security QA76.9.A25+TK5105.8854+TK5105.59
QA 76.9	1753	556	1197	Data Analytics QA76.9.Q36+QA76.9.B45+HD30.215
TK5105	2348	1002	1346	Data Communications TK5105+HD30.37+TK5101+TK5103.7+HF5548.2
Q76.9D34	1034	236	798	Data Mining Q76.9.D343+QA76.9.D3+HE5415.125
QA76.9 D26	1124	302	822	Data Modeling QA76.9.D26+QA76.9.D343+QA76.9.D3+QA76.9.P5413+HF5548.2
HF5548.3	7196	762	6434	Electronic Commerce (HF5548.32+HF54.56)
QA76+	5579	1431	4148	Informatics (QA76+QA76.9.M35)
QA76.591 5	2489	738	1751	Information Access QA76.5915+TK5105.52+TK5105.59+TK5103.15+T58.5+OH442
TK5105.8 88	1138	305	833	Information Architecture TK5105.888+T58.5+T58.64+TK5105.875+QA76.9.C55
T58.64	8299	2311	5988	Information Management T58.64+HC79.I55+T58.6+HD30.213+QA75.5+TS155.65
TK5105.5 9	5621	1216	4405	Information Security TK5105.59+QA76.9.A25
TK58.5	4751	1325	3426	Information Technology Infrastructure TK58.5+TK58.64+HD30.2+QA76.585
TK5105.5 9	2501	782	1719	Network Security TK5105.59+QA76.9.A25
QA76.625	2867	536	2331	Web Design and Development QA76.625+TK5105.875+QA76.73+LB1044.87+QA76.73+HF5415.1265

Specialized databases in support of Information Technology programs include:

- ABI/INFORM Collection (ProQuest)
- Academic Search Complete (EBSCO)
- ACM Digital Library (Association for Computing Machinery)
- Computing Database (ProQuest)
- eBook Academic Collection (EBSCO)
- eBook Central (ProQuest)
- IEEE Xplore Digital Library
- IGI Global
- Information Science & Technology Abstracts (ISTA)
- Telecommunications Database (ProQuest)
- Web of Science

Journal Subscriptions:

The Georgia Southern University Libraries provide access to 75 Information Technology-related journals, in print or online. A complete listing of Computer Science-related journals available through the Georgia Southern University Libraries (in print and online) is provided in Appendix A.

A notable and unique resource is [Digital Commons@GeorgiaSouthern](#), an open access digital collection whose purpose is to collect and disseminate the intellectual and creative output of the University's faculty, staff, and students. Contributions come from all over the University and include theses/dissertations, conference proceedings, research publications, brochures, and newsletters.

INFORMATION TECHNOLOGY-RELATED JOURNAL SUBSCRIPTIONS

Title Name	Print ISSN	Online ISSN	Format
Behaviour & Information Technology	1362-3001	0144-929X	Online
Big Data & Society	2053-9517	2053-9517	Online
Computational Intelligence	1467-8640	1467-8640	Online
Computer	1558-0814	0018-9162	Online
Computer Animation & Virtual Worlds	1546-427X	1546-4261	Online
Computer Graphics Forum	1467-8659	1467-8659	Online
Computing in Science & Engineering	1558-366X	1558-366X	Online
Concurrency and Computation	1532-0634	1532-0634	Online
Data Technologies and Applications	2514-9318	2514-9318	Online
Distributed Systems Engineering - Archive	0967-1846	1361-6390	Online
Expert Systems - International Journal of Knowledge Engineering	1468-0394	1468-0394	Online

Expert Systems with Applications	0957-4174	0957-4174	Online
Grey Systems	2043-9385	2043-9385	Online
IEEE Annals of the History of Computing	1934-1547	1934-1547	Online
IEEE Computational Intelligence Magazine	1556-6048	1556-6048	Online
IEEE Computer Architecture Letters	1556-6064	1556-6064	Online
IEEE Computer Graphics & Applications	1558-1756	1558-1756	Online
IEEE Intelligent Systems	1941-1294	1941-1294	Online
IEEE Internet Computing	1941-0131	1941-0131	Online
IEEE Internet of Things	2327-4662	2327-4662	Online
IEEE Internet of Things Magazine	2576-3199	2576-3199	Online
IEEE Letters of the Computer Society	2573-9689	2573-9689	Online
IEEE Micro	1937-4143	1937-4143	Online
IEEE Multimedia	1941-0166	1941-0166	Online
IEEE Network	1558-156X	1558-156X	Online
IEEE Networking Letters	2576-3156	2576-3156	Online
IEEE Security & Privacy Magazine	1558-4046	1558-4046	Online
IEEE Software	1937-4194	1937-4194	Online
IEEE Systems Man and Cybernetics Magazine	2333-942X	2333-942X	Online
IEEE Transactions on Affective Computing	1949-3045	1949-3045	Online
IEEE Transactions on Big Data	2332-7790	2332-7790	Online
IEEE Transactions on Cloud Computing	2168-7161	2168-7161	Online
IEEE Transactions on Dependable and Secure Computing	1941-0018	1941-0018	Online
IEEE Transactions on Emerging Topics in Computing	2168-6750	2168-6750	Online
IEEE Transactions on Evolutionary Computation	1941-0026	1941-0026	Online
IEEE Transactions on Fuzzy Systems	1941-0034	1941-0034	Online
IEEE Transactions on Games	1943-068X	1943-068X	Online
IEEE Transactions on Haptics	2329-4051	2329-4051	Online
IEEE Transactions on Information Forensics and Security	1556-6021	1556-6021	Online
IEEE Transactions on Information Theory	1557-9654	1557-9654	Online
IEEE Transactions on Knowledge and Data Engineering	1558-2191	1558-2191	Online
IEEE Transactions on Mobile Computing	1558-0660	1558-0660	Online
IEEE Transactions on Neural Networks and Learning Systems	2162-2388	2162-2388	Online
IEEE Transactions on Parallel & Distributed Systems	1558-2183	1558-2183	Online

IEEE Transactions on Pattern Analysis & Machine Intelligence	1939-3539	1939-3539	Online
IEEE Transactions on Services Computing	1939-1374	1939-1374	Online
IEEE Transactions on Software Engineering	1939-3520	1939-3520	Online
IEEE Transactions on Sustainable Computing	2377-3782	2377-3782	Online
IEEE Transactions on Visualization & Computer Graphics	1941-0506	1941-0506	Online
IEEE-ACM Transactions on Networking	1558-2566	1558-2566	Online
Information & Computer Security	2056-497X	2056-497X	Online
Information Systems Journal	1365-2575	1365-2575	Online
Information Systems Research	1526-5536	1526-5536	Online
Information Visualization	1473-8724	1473-8724	Online
International Journal of High Performance Computing Applications	1741-2846	1741-2846	Online
International Journal of Intelligent Computing and Cybernetics	1756-3798	1756-3798	Online
International Journal of Intelligent Systems	1098-111X	1098-111X	Online
International Journal of Network Management	1099-1190	1099-1190	Online
International Journal of Pervasive Computing and Communications	1742-738X	1742-738X	Online
International Journal of Web Information Systems	1744-0092	1744-0092	Online
Internet Research: Electronic Networking Applications and Policy	2054-5657	2054-5657	Online
IT Professional Magazine	1941-045X	1941-045X	Online
Journal of Cognitive Engineering & Decision Making	2169-5032	2169-5032	Online
Journal of Defense Modeling and Simulation	1557-380X	1557-380X	Online
Journal of Functional Programming	1469-7653	1469-7653	Online
Journal of Neural Engineering	1741-2552	1741-2552	Online
Journal of Software : Evolution and Process	2047-7481	2047-7481	Online
Knowledge Engineering Review	1469-8005	1469-8005	Online
Mathematical Structures in Computer Science	1469-8072	1469-8072	Online
Natural Language Engineering	1469-8110	1469-8110	Online
Network Science	2050-1250	2050-1250	Online
New Media & Society	1461-7315	1461-7315	Online
Policy and Internet	1944-2866	1944-2866	Online
Software Practice & Experience	1097-024X	1097-024X	Online
Software Testing Verification & Reliability	1099-1689	1099-1689	Online

Theory & Practice of Logic Programming	1471-0684	1475-3081	Online
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