



**MADN-LIB**

**15 May 2017**

**Library Policy Operating Memorandum No. 3.6.04**

**USMA Library Support Statement  
Department of Electrical Engineering and Computer Science**

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1. **PURPOSE:** To assist the Department of Electrical Engineering and Computer Science (EECS) in its goals, the USMA Library seeks to advance the intellectual development of all EECS cadets by providing information literacy and scholarly communication instruction, as well as, specialized academic information resources and services aimed at strengthening cadet learning now and throughout their careers in the Army. The Library will also serve as a key support element for faculty development and research. The following sections illustrate library support tailored to meet specific EECS course goals.

2. **LIBRARY INSTRUCTION:**

<b>Course(s)</b>	<b>Course Outcome(s)/Goal(s)</b>	<b>Liaison Support</b>	<b>Liaison Support Outcome(s)</b>
CS400 Computer Science Seminar / IT400 Information Technology Seminar; CS490 Computer Science Summer Research; EE490 Electrical Engineering Summer Research; XE492 Disruptive Innovations; XE497 Critical Scientific Reasoning	Communicate effectively in writing with a range of audiences about technical information.	Information literacy instruction covering 1) research as inquiry, 2) scholarship as conversation, 3) searching as strategic exploration, 4) authority is constructed and contextual, 5) information creation as process, and 6) information has value.	Cadets will be able to effectively search for, identify, and retrieve authoritative scholarly literature to integrate into their technical writing. In addition, cadets will have a basic understanding of scholarly communication.





**3. COLLECTION DEVELOPMENT:**

Course(s)	Collection Resource(s)	Comments
All CS, IT, & EE courses apply	1) Online Research Guide; 2) Research Databases; 3) Book Collection section QA 71-90	The library maintains three types of information resource in support of EECS curriculum. 1) The library's online research guide for EECS is a vital resource that is designed to meet the needs of EECS courses by aggregating web-based materials targeting specific EECS course goals, as well as, generally helpful Web resources for the academic and professional needs of the field. 2) The library offers approximately 33 research and learning databases geared towards EECS subject matter content. In particular, the most mission critical databases are IEEE Xplore, ACM Digital Library, and SPIE Digital Library. 3) The library also maintains a robust collection of print and digital books that were acquired after careful review of EECS curriculum needs and current trends in the field. The book collection is constantly being updated to stay in line with cutting-edge EECS topics and changing course needs.

4. **EXPIRATION:** This policy is effective until superseded or rescinded.

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