

**MIDDLE GEORGIA STATE UNIVERSITY**  
**BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY**  
**Audit Worksheet 2016-2017 Catalog (expires Summer 2022)**

Name: \_\_\_\_\_

ID#: \_\_\_\_\_

Advisor: \_\_\_\_\_

| <b>GENERAL EDUCATION REQUIREMENTS</b>                |  |                   |
|--|--|-------------------|
| <b>AREA A – Essential Skills</b>                     |  | <b>9-10 HOURS</b> |
| ENGL 1101  |  |                   |
| ENGL 1102 or 1102H                                   |  |                   |
| MATH 1111,1112, 1113, 1113H, or 1251                 |  |                   |
| *MATH 1101 is required if SAT Math < 550 or ACT < 24 |  |                   |

|   |  |                |
|---|--|----------------|
| <b>AREA B – Institutional Options</b>   |  | <b>4 HOURS</b> |
| FYES 1001 (required for new f2f students & students with < than 18 transfer hrs) <b>Credit hours cannot be used for graduation.</b> |  |                |
| Area B Elective (ITEC 1001 recommended)   |  |                |

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|--|--|----------------|
| <b>AREA C – Humanities/Fine Arts</b>   |  | <b>6 HOURS</b> |
| <i>Literature-based Elective</i><br><b>Choose one (circle):</b><br>ENGL 2111***, 2112***, 2121, 2122, 2131, 2131H, 2132, 2132H, 2141, 2142 |  |                |
| <i>Area C Elective</i><br>COMM 1110 or COMM 1100   |  |                |

|   |  |                    |
|---|--|--------------------|
| <b>AREA D – Nat Science, Math, and Tech</b>   |  | <b>11-12 HOURS</b> |
| <i>Area D Elective</i><br><b>Choose one (circle):</b><br>MATH 1200, 1401, 1251, 1501, 2252, 2253, 2260, 2270  |  |                    |
| <i>Lab-Science Electives</i><br><b>Choose two (circle):</b><br>ASTR 1010K, 1020K,<br>BIOL 1001K, 1001K-H, 1002K, 1002K-H, 2107K, 2108K,*<br>CHEM 1151K, 1152K, 1211K, 1212K<br>GEOL 1125, 1126,<br>PHSC 1011K,<br>PHYS 1011K, 1012K, 1111K, 1112K, 2211K, 2212K |  |                    |
| *Students cannot receive graduation credit for both BIOL 1001 and BIOL 2107 or for both BIOL 1002 and BIOL 2108.  |  |                    |

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|---|--|-----------------|
| <b>AREA E – Social Science</b>  |  | <b>12 HOURS</b> |
| *POLS 1101 or 1101H   |  |                 |
| **HIST 2111, 2111H, 2112, or 2112H  |  |                 |
| <i>Area E Elective</i><br><b>Choose two (circle):</b><br>ANTH 1102,<br>ECON 2105, 2105H, 2106, 2106H,<br>HIST 1111***, 1112***, 1190***, 2111, 2111H, 2112, 2112H,<br>GEOG 1101<br>POLS 2101, 2201, 2301***, 2401***<br>PSYC 1101, 1101H,<br>SOCI 1101, 1101H, 1160 |  |                 |
| *Will satisfy the state requirements in U.S. & Georgia Constitution<br>**Will satisfy the state requirements in U.S. and Georgia History<br>*** Will satisfy the state requirements for Global Perspectives   |  |                 |

| <b>AREA F</b>   |  | <b>18-19 HOURS</b> |              |
|---|--|--------------------|--------------|
| <b>MAJOR FIELD</b>  |  | <b>HRS</b>         | <b>GRADE</b> |
| ITEC 2215 Intro to IT   |  |                    |              |
| ITEC 2260 Intro to Programming  |  |                    |              |
| ITEC 2270 Application Development                                     |  |                    |              |
| ITEC 2320 Networking Essentials                                       |  |                    |              |
| ITEC 2380 Web Development   |  |                    |              |
| <b>Choose one (circle)</b><br>MATH 1251, 2120, 2252, 2253, 2260, 2270 |  |                    |              |

| <b>IT UPPER DIVISION REQUIREMENTS</b>    |  |                 |
|--|--|-----------------|
| <b>IT Upper Level Core Courses</b>       |  | <b>21 HOURS</b> |
| ITEC 3155 Systems Analysis & Design      |  |                 |
| ITEC 3235 Human Computer Interaction     |  |                 |
| ITEC 3245 Database Principles            |  |                 |
| ITEC 3300 Project Management             |  |                 |
| ITEC 4200 Foundations of Info Assurance  |  |                 |
| ITEC 4205 Legal and Ethical Issues in IT |  |                 |
| ITEC 4750 Senior Capstone                |  |                 |

| <b>IT Concentration</b> |  | <b>21-27 HRS</b> |
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| <b>Additional Courses</b> |  | <b>12-18 HRS</b> |
|---------------------------|--|------------------|
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| <b>GRADUATION REQUIREMENT CHECKLIST</b> |                               |                             |                          |
|---|-------------------------------|-----------------------------|--------------------------|
| Oral Comp                               | <input type="checkbox"/>      | Tech Comp                   | <input type="checkbox"/> |
| Global Perspect                         | <input type="checkbox"/>      |                             |                          |
| History                                 | <input type="checkbox"/> U.S. | <input type="checkbox"/> GA |                          |
| Constitution                            | <input type="checkbox"/> U.S. | <input type="checkbox"/> GA |                          |
| Applied for Graduation                  | <input type="checkbox"/> Yes  |                             |                          |

**Minimum 120 Semester Hours Required to Graduate**

## IT Concentrations

| Network Technologies & Administration  | Required (21 hours)  |
|--|--|
|  | ITEC 3325 Windows System Administration                              |
|  | ITEC 3328 Linux Systems Administration                               |
|  | ITEC 4329 Data Communications  |
|  | ITEC 4370 Virtual Computing  |
|  | ITEC 4421 Network Security   |
|  | <b>Two Classes from the Following</b>                                |
|  | ITEC 3320 Hardware and Systems                                       |
|  | ITEC 4285 Web Server Administration                                  |
|  | ITEC 4242 Database Administration                                    |
|  | ITEC 4324 Wireless Technologies                                      |
|  | ITEC 4299 Special Topics in Networking Technology and Administration |
| Cyber Security                         | Required (27 hours)  |
|  | ITEC 3325 Windows Systems Admin                                      |
|  | ITEC 3328 Linux Systems Admin  |
|  | ITEC 4345 Cyber Systems Security                                     |
|  | ITEC 4344 Ethical Hacking  |
|  | ITEC 4321 Digital Forensics  |
|  | ITEC 4341 Incident Response/Contingency Plan                         |
|  | ITEC 4361 Software Security  |
|  | ITEC 4370 Virtual Computing  |
|  | ITEC 4421 Network Security   |
| Integrated Digital Media & Game Design | Required (21 hours)  |
|  | ITEC 3236 Interactive Digital Media                                  |
|  | ITEC 4230 Graphic Imaging  |
|  | ITEC 4238 2D Computer Animation                                      |
|  | ITEC 4237 3D Modeling  |
|  | ITEC 4255 Game Design and Development                                |
|  | <b>Two Classes from the Following</b>                                |
|  | ITEC 4250 Computational Intelligence                                 |
|  | ITEC 4284 Web Multimedia Delivery                                    |
|  | NMAC 3600 Digital Storytelling                                       |
|  | NMAC 3108 Writing for Digital Media                                  |
|  | NMAC 3145 Digital Media Studio                                       |
|  | ITEC 4299 Special Topics in Digital Media & Game Design              |
| Software Development                   | Required (21 hours)  |
|  | ITEC 3264 Data Structures  |
|  | ITEC 3280 Web Programming  |
|  | ITEC 4261 Java Programming   |
|  | ITEC 4244 Database Programming                                       |
|  | ITEC 4361 Software Security  |
|  | <b>Two Classes from the Following</b>                                |
|  | ITEC 4248 Web Development Environments                               |
|  | ITEC 4266 C++ Programming  |
|  | ITEC 4269 Client/Server Systems Programming                          |
|  | ITEC 4286 Web Applications Development                               |
|  | ITEC 4361 Software and Database Security                             |
|  | ITEC 4299 Special Topics in Software Development                     |
| Cyber Forensics                        | Required (21 hours)  |
|  | ITEC 4321 Forensics/Data Recovery                                    |
|  | ITEC 4322 Advanced Forensics   |
|  | ITEC 4341 Incident Response and Contingency Planning                 |
|  | CRJU 3200 Criminal Procedure and Evidence                            |
|  | CRJU 4310 White Collar and Cybercrime                                |
|  | <b>Two Classes from the Following</b>                                |
|  | ITEC 3328 Linux Systems Administration                               |
|  | ITEC 4344 Ethical Hacking  |
|  | ITEC 4299 Special Topics in Cyber Forensics                          |