Bachelor of Applied Science in Technology Management
2024 - 2025

Student's Name: _____

Student's ID Number: _____

Faculty Advisor: *Trendon Ellis*

The Technology Management Bachelors of Science (BAS) program is designed to building upon an associate's degree in Software and Database Development, Network Administration, Cybersecurity, or Computer Programming. However, this degree is open to any student with an associate's degree, seeking to expand their technology and leadership skills. This degree completion prepares you to move into a supervisory or management position.

Communications (6 credits)

- [ ] ENC1101 English Composition I●+* — 3
- [ ] ENC1101C Enhanced English Comp. I●+* — 4
- [ ] ENC1102 English Composition II+* — 3
- [ ] _____

Humanities (9 credits)

One course each from Visual & Performing Arts, Philosophy/Religion, and Literature. At least one course must be a core course (●).

Humanities 1–Visual & Performing Arts

- [ ] ARH2000 Understanding Visual Arts● — 3
- [ ] ARH2050 Art History I — 3
- [ ] ARH2051 Art History II — 3
- [ ] ARH2060 History of Architecture — 3
- [ ] MUL2010 Understanding Music● — 3
- [ ] MUL2110 Survey of Music Literature — 3
- [ ] THE2000 Understanding Theater● — 3
- [ ] THE2071 Survey of Film — 3

Humanities 2–Philosophy/Religion

Prerequisite ENC1101 or ENC1101C with grade "C" or higher.

- [ ] HUM2020 Introduction to Humanities●+* — 3
- [ ] PHI2010 Introduction to Philosophy●+* — 3
- [ ] PHI2600 Ethics+ * — 3
- [ ] PHI2620 Environmental Ethics+* — 3
- [ ] PHI2635 Biomedical Ethics+* — 3
- [ ] REL2121 Intro. to Religion in America+* — 3
- [ ] REL2300 Religions of the World+* — 3
- [ ] SPN2200 Second Year Spanish I+* — 4

Humanities 3–Literature

Prerequisite ENC1102 with grade "C" or higher.

- [ ] AML2010 Amer. Lit. through the Civil War+* — 3
- [ ] AML2020 Amer. Lit: Reconst.–Present+* — 3
- [ ] AML2600 African-American Literature+* — 3
- [ ] ENG2111 Literature and Film+* — 3
- [ ] ENL2012 Eng. Lit. through the 18th Century+* — 3
- [ ] ENL2022 Eng. Lit.: Romantics to Present+* — 3
- [ ] LIT2000 Literature and Culture●+* — 3
- [ ] LIT2040 World Drama+* — 3
- [ ] LIT2090 Contemporary Literature+* — 3
- [ ] LIT2110 World Lit.: Ancient–Renaissance+* — 3
- [ ] LIT2120 World Lit.: Enlightenment–Present+* — 3
- [ ] LIT2380 Women in Literature+* — 3
- [ ] _____

Mathematics (6 credits)

Two courses from Mathematics.

At least one course must be either MAC1105 or STA2023.

- [ ] MGF1107 Survey of Mathematics+* — 3
- [ ] MGF1130 Mathematical Thinking●+* — 3
- [ ] STA2023 Statistics●+* — 3
- [ ] STA2122 Statistical Applications+* — 4
- [ ] MAC1105 College Algebra●+* — 3
- [ ] MAC1114 Plane Trigonometry+* — 3
- [ ] MAC1140 Pre-Calculus Algebra+ * — 3
- [ ] MAC2233 Business Calculus+* — 3
- [ ] MAC2311 Calculus with Geometry I●+* — 4
- [ ] _____

Natural Sciences (6 credits)

One course each from Physical Sciences and Biological Sciences. At least one course must be a core course (●).

Physical Sciences

- [ ] AST1002 Descriptive Astronomy● — 3
- [ ] CHM1025 Intro. to General Chemistry+ — 3
- [ ] CHM1032 General, Organic, Biochemistry+ — 3
- [ ] CHM1045 General Chemistry●+ — 3
- [ ] ESC2000 Earth & Space Science Survey● — 3
- [ ] EVR1001 Intro. to Environmental Science● — 3
- [ ] GLY1010 Physical Geology● — 3
- [ ] GLY1032 Natural Disasters — 3
- [ ] OCE1001 Fundamentals of Oceanography● — 3
- [ ] PHY1020 Basic Concepts of Physics● — 3
- [ ] PHY1023 Survey of General Physics+ — 3
- [ ] PHY2048 University Physics I●+ — 4
- [ ] PHY2053 College Physics I●+ — 3

Biological Sciences

- [ ] BOT2800 Plants & Society — 3
- [ ] BSC1005 General Biological Science● — 3
- [ ] BSC1020 Human Biology — 3
- [ ] BSC2010 Biology for Science Majors I●+ — 3
- [ ] BSC2085 Anatomy & Physiology I●+ — 3
- [ ] BSC2311 Introduction to Marine Biology — 3

Social Sciences (9 credits)

One course each from Behavioral Sciences, History, and Government. At least one course must be a core course (●).

Behavioral Sciences

- [ ] ANT2000 Introduction to Anthropology● — 3
- [ ] ECO2013 Principles of Economics, Macro● — 3
- [ ] PSY2012 General Psychology● — 3
- [ ] GEA1000 World Regional Geography — 3
- [ ] SYG2000 Principles of Sociology — 3

History

Global

- [ ] EUH1000 Western Civilization I — 3
- [ ] EUH1001 Western Civilization II — 3
- [ ] WOH2012 World History I — 3
- [ ] WOH2022 World History II — 3

U.S.

- [ ] AMH2010 United States History I●@ — 3
- [ ] AMH2020 United States History II●@ — 3

Government

Global

- [ ] CPO2002 Comparative Government — 3

U.S.

- [ ] POS2041 American Nat'l Government●@ — 3
- [ ] POS2112 State & Local Government — 3

AA or AS Technical Requirements (30 Credits)

- [ ] CIS2321 System Analysis & Design+ — 3
- [ ] CTS1111 Linux+(plus)* — 3
- [ ] CTS1650 Network Fundamentals* — 3
- [ ] COP2700 Data Structure (SQL) — 3
- [ ] CGS1103 Project Mgmt. Concepts & Process. — 3
- [ ] CTS2145 Cloud Essentials+* — 3
- [ ] CTS1120 Security+(plus)+* — 3
- [ ] COP1000 Intro. to Programming Logic — 3
- [ ] DIG2100 Web Design I — 3
- [ ] CGS1570 Microcomputer Applications — 3

Technology Management Core (36 Credits)

- [ ] GEB3213 Bus. Comm. for Prof. Effectiveness+ — 3
- [ ] FIN4300 Financial Management+ — 3
- [ ] MAN3303 Princ. Management & Leadership+ — 3
- [ ] MAN3503 Man. Risk Analysis Decis.-Making+ — 3
- [ ] MAN4520 Quality Management (Six Sigma)+ — 3
- [ ] ISM4548 Web Analytics+ — 3
- [ ] ISM4318 Agile Project Management+ — 3
- [ ] ISM4302 Emerging Technology+ — 3
- [ ] ISM3013 Intro. Inform. Syst. Management+ — 3
- [ ] ISM4330 Inform. Sec. Policy Admin. & Man.+ — 3
- [ ] CGS3092 Legal and Ethical Issues+ — 3
- [ ] MAN4900 Capstone Project+ — 3

Software Development Specialization (18 Credits)

- [ ] COP2250 Java Programming I+* — 3
- [ ] COP2701 Database Design & Mgmt.+* — 3
- [ ] COP2840 Internet Programming+ — 3
- [ ] COP4864 Client-Side Programming+ — 3
- [ ] CIS4433 SecDevOps+ — 3
- [ ] COP3834 Dev. Websites using PHP MySQL+ — 3

CyberSecurity Management Specialization (18 Credits)

- [ ] CTS1390 Install. & Config. Windows Serv.+ — 3
- [ ] CIS2352 Ethical Hacking+ — 3
- [ ] CTS1651 Cisco Rout. Tech/Rout. Prot. Conc.+ — 3
- [ ] ISM4323 Network Security Management+ — 3
- [ ] CIS4200 Penet. Test. & Vulnerability Analysis+ — 3
- [ ] CIS3122 CyberSecurity Analyst+ — 3

Other Requirements

- [ ] **General Education Core Requirement**
  Successful completion of at least one dotted core course from each of the five major general education areas: Communications, Humanities, Mathematics, Natural Sciences, Social Sciences

- [ ] **Civic Literacy Requirement (@)**
  Successful completion of AMH 2010 OR AMH 2020 OR POS 2041 **AND** passing score on civic literacy exam (FCLE)

- [ ] **Foreign Language Requirement**
  Successful completion of 2 years of high-school-level foreign language or 2 semesters of college-level foreign language

Key

- ● = General Education Core course
- + = Prerequisite or co-requisite required
- * = Minimum grade of "C" required
- @ = Course meets Civic Literacy Requirement

Notes

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