



AAS Biomedical Equipment Technology to
Bachelor of Applied Arts and Sciences
Guided Pathway
 Effective beginning with the 2022-2023 catalog



First Year - Collin College

FIRST SEMESTER	SECOND SEMESTER
CETT 1407 Fundamentals of Electronics	BIOL 2404 Human Anatomy & Physiology Basic
TECM 1343 Technical Algebra and Trigonometry	CETT 1409 DC-AC Circuits
CETT 1425 Digital Fundamentals	BIOM 2311 General Medical Equipment I
HITT 1305 Medical Terminology	BIOM 2201 Safety in Health Care Facilities
	ENGL 1301 Composition I
14 credit hours	16 credit hours

Second Year - Collin College

FIRST SEMESTER	SECOND SEMESTER
CPMT 1305 IT Essentials	ITNW 1358 Network +
BIOM 2315 Physiological Instruments I	BIOM 2331 Biomedical Clinical Instrumentation
BIOM 2343 General Medical Equipment II	BIOM 2319 Fundamentals of X-Ray & Imaging
SPCH 1321 Business and Professional Communication	BIOM 2337 Respiratory Equipment Maintenance
Humanities/Fine Arts – 3 hours	ECON 1301 Introduction to Economics
15 credit hours	15 credit hours

AAS in Biomedical Equipment Technology

Contact your advisor at Collin College for information about applying for your associate degree.

*Core Curriculum transferable to any public college or university in Texas.

Third Year – Collin College and Texas A&M University-Commerce

Students must fulfill TAMUC admissions requirements which can be found on the TAMUC website.

FIRST SEMESTER	SECOND SEMESTER
History (see list below)	BAAS – 326 Exploring Spreadsheets (TAMUC)
GOVT 2305 Federal Government	Life & Physical Science (see list below)
Mathematics (see list below)	History (see list below)
ENGL 1302 or ENGL 2311	GOVT 2306 Texas Government
BAAS 301: Designing Your Future Work (TAMUC)	Creative Arts or Language, Philosophy, Culture *(see note below)
15 credit hours	15 credit hours

Fourth Year – Texas A&M University-Commerce

FIRST SEMESTER	SECOND SEMESTER
BAAS 303: Professional Communications	TMGT 350 – Principles of Technology Management
BAAS 345 – Leadership Techniques	BAAS 445 – Ethical Decision Making
BAAS 408 – Problem Solving with Databases	*Upper Level Elective
BAAS 351 – Planning, Budgeting and Decision Making	*Upper Level Elective
BAAS 443 – Professional Standards	TMGT 358 - Essentials of Project Management
15 credit hours	15 credit hours

Bachelor of Applied Arts and Science

Collin Options

Mathematics – choose one from: **MATH** 1314, 1324, 1325, 1332, 1350, 1351, 1414, 1316, 1342, 2305, 2318, 2320, 2412, 2413, 2414, 2415.

Life & Physical Sciences – choose one for AAS, two for BAAS: **BIOL** 1406, 1407, 1408, 1409, 1414, 1415, 2401, 2402, 2404, 2406, 2416, 2420, 2421, **CHEM** 1405, 1411, 1412, 2423, 2425, **ENVR** 1401, 1402, **GEOL** 1401, 1402, 1403, 1404, 1445, 1447, **PHYS** 1401, 1402, 1403, 1404, 1405, 1410, 1415, 1417, 2425, 2426.

History – choose two from: **HIST** 1301, 1302, 2301

Core Elective – choose one from: **EDUC** 1300, **KINE** 1164, 1304, 1338, **OR** any **core course** not used to meet other requirements.

Humanities/Fine Arts –

*One from EITHER list below is required for AAS, one from EACH list is required for BAAS:

Language, Philosophy, & Culture - choose one from: **ENGL** 2322, 2323, 2327, 2328, 2332, 2333, 2342, 2343, **HIST** 2311, 2312, 2321, 2322, **HUMA** 1301, **PHIL** 1301, 1304, 2303, 2306, 2307, 2321

Creative Arts - choose one from: **ARTS** 1301, 1303, 1304, 1313, **DANC** 2303, **DRAM** 1310, 2361, 2362, 2366, **MUSI** 1306, 1307, 1310