



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	<sup>c</sup> 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
	<sup>c</sup> 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
<sup>c</sup> SPCH 1321 Business and Professional Communication	BIOM 2337 Respiratory Equipment Maintenance
<sup>c</sup> Humanities/Fine Arts – 3 hours	<sup>c</sup> 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.

<sup>c</sup> 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
<sup>c</sup> History (see list below)	BAAS – 326 Exploring Spreadsheets (TAMUC)
<sup>c</sup> GOVT 2305 Federal Government	<sup>c</sup> Life & Physical Science (see list below)
<sup>c</sup> Mathematics (see list below)	<sup>c</sup> History (see list below)
<sup>c</sup> ENGL 1302 or ENGL 2311	<sup>c</sup> GOVT 2306 Texas Government
BAAS 301: Designing Your Future Work (TAMUC)	<sup>c</sup> 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