

EWU PRE-ELECTRICAL ENGINEERING BS (2023-24) SCC – CShaffer

NOT PRE-CALCULUS READY

Name _____ SID _____ Date _____ Counselor _____

With careful planning and coordination with your college Counselor, the completion of your Associate in Arts, AA-DTA, allows you to pursue your Bachelor's Degree at a four-year college or university, having completed most if not all of the general university requirements, along with many courses toward your major.

First Quarter

ENGL& 101 - English Composition I 5cr (COMMUNICATION)

GUID 102 - Strategies for Success 2cr (ELECTIVE)

MATH 71 – Essentials of Algebra 1 5cr (if needed, based on placement)

*HLTH 101 - Health and Wellness 3cr (or other: HLTH 174/104/270) (HEALTH)

Second Quarter

MATH 72 – Essentials of Algebra 2 5cr (if needed, based on placement)

CMST 227 - Intercultural Communication or **CMST 226** - Gender Communication 5cr (HUMANITIES- DIVERSITY SCC/EWU)

PHIL 110 – Intro to Ethics 5cr “**W**” (Look for a Writing Intensive Course section) (HUMANITIES)

Third Quarter

MATH& 141 – Precalculus I 5cr (QUANTITATIVE/SYMBOLIC REASONING - Q/SR)

*PSYC& 100 – Intro to Psychology 5cr (or other SOCIAL SCIENCE)

STUDENTS MAY CHOOSE TO TRANSFER TO SFCC AND SWITCH TO THE AS-T2 FOR ELECTRICAL ENGINEERING

Fourth Quarter (SUMMER)

ENGL& 102- English Composition II 5cr (COMMUNICATION)

MATH& 142 - Precalculus II 5cr (MATH/SCIENCE)

PHYSICS 100 – Intro to Physics 5cr (LAB SCIENCE)

Fifth Quarter

MATH& 151 – Calculus I 5cr (REQUIRED ELECTIVE)

CHEM& 161 – General Chemistry with Lab I 5cr (REQUIRED LAB SCIENCE)

*HIST& 106 – World History 5cr (or any other Social Science Group B) (SOCIAL SCIENCE)

*PE 188 2cr – (there are many Physical Ed classes you can choose from) (ACTIVITY)

Sixth Quarter

MATH& 152 – Calculus II 5cr

ENGR 190 – Electronic Logic 5cr (REQUIRED ELECTIVE) (at SFCC)

*POLS 125 – Intro to Global Issues or POLS& 203 – International Relations 5cr (SOCIAL SCIENCE/GLOBAL STUDIES at EWU)

Seventh Quarter

MATH& 153 – Calculus III 5cr

ENGR 210 – Electric Circuit Theory 5cr – (REQUIRED ELECTIVE) (at SFCC)

*ART 100 – Art Appreciation 5cr (or any other third subject HUMANITIES)-----AA-DTA Completed this quarter-----

*When non bolded examples are used, students may choose ANY COURSE from that area of Associate in Arts- Direct
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Transfer Agreement - AA-DTA - WORKSHEET in COMMUNICATION/QSR/HUMANITIES/SOCIAL SCIENCE/MATH SCIENCE/HEALTH PE /ELECTIVES.

5cr are required in **“W”** Writing Intensive. Always check to make sure the class section you select for a **“W”**, is listed **“W”**.

5cr are required in **“D”** Diversity. CMST 227 or 226 meets both SCC and EWU’s Diversity requirement.

POLS 125 meets EWU’s Global Studies requirement and SCC’s Social Science Group B option, as does POLS& 203 or HIST 230.

Students may transfer to SFCC or on to EWU for the third year

Eight Quarter

PHYS 201 – Engineering Physics I 5cr

MATH 220 – Elementary Linear Algebra 5cr

Tenth Quarter

PHYS 203 – Engineering Physics III 5cr

MATH 274 – Elementary Differential Equations 5cr

Ninth Quarter

PHYS 202 – Engineering Physics II 5cr

MATH& 254 – Calculus IV 5cr