

Central Texas College District
Associate of Applied Science in Aviation Maintenance Technology (AAS-AVMT)

SOCAD-2 Auxiliary Network: Aviation Studies

All Locations: Japan. Korea. Okinawa.

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| <p>Degree Objective- This program provides academic background information for the actual hands-on training the student obtains through military education and training. The program is not FAA approved for meeting the degree requirements to take the A&P examinations. Degree plan comprises 67 semester credit hours of which 48 are in aviation maintenance. This program results in a terminal, two-year Associate of Applied Science degree.</p> | <p>POINT OF CONTACT Denise Hazlett, Director of Evaluations P.O. Box 1800, Killeen, TX 76540 (254) 526-1394 or (800) 792-3348, ext. 1394 (254) 526-1481 ctc.socad@ctcd.edu www.ctcd.edu</p> |
| <p>Academic Residency- 17 semester hours</p> | |

| DEGREE REQUIREMENTS | | | SOC CAT. | HOME COLLEGE | ARMY SCHOOL | ARMY MOS | TESTS | CERT/ LIC | DIST LRNG See Note 2 |
|-----------------------------|---|----------|----------|--------------|-------------|----------|-------|-----------|-------------------------|
| General Education | | 19-21 SH | | | | | | | |
| English | | 3 SH | | | | | | | |
| ENGL 1301 | Composition I | 3 | EN024A | X | | | X | | X |
| Speech | | 3 SH | | | | | | | |
| SPCH 1315 | Public Speaking | 3 | CM001A | X | | | X | | X |
| SPCH 1321 | Business and Professional Communication | 3 | | X | | | | | X |
| Humanities/Fine Arts | | 3-4 SH | | | | | | | |
| ANTH 2301 | Physical Anthropology | 3 | | X | | | | | X |
| ANTH 2302 | Introduction to Archeology | 3 | | X | | | | | X |
| ANTH 2346 | General Anthropology | 3 | AN001A | X | | | X | | X |
| ANTH 2351 | Cultural Anthropology | 3 | AN002A | X | | | | | X |
| ARAB 1311 | Beginning Arabic I | 3 | | X | X | | X | | X |
| ARAB 1312 | Beginning Arabic II | 3 | | X | X | | X | | X |
| ARAB 1411 | Beginning Arabic I | 4 | | X | X | | X | | X |
| ARAB 1412 | Beginning Arabic II | 4 | | X | X | | X | | X |
| ARAB 2311 | Intermediate Arabic I | 3 | | X | X | | X | | X |
| ARAB 2312 | Intermediate Arabic II | 3 | | X | X | | X | | X |
| ARTS 1303 | Art History I | 3 | | X | | | | | X |
| ARTS 1304 | Art History II | 3 | | X | | | | | X |
| ARTS 1311 | Design I | 3 | | X | | | | | |
| ARTS 1312 | Design II | 3 | | X | | | | | |
| ARTS 1316 | Drawing I | 3 | | X | | | | | |
| ARTS 1317 | Drawing II | 3 | | X | | | | | |
| ARTS 2311 | Design III | 3 | | X | | | | | |
| ARTS 2313 | Design Communications I | 3 | | X | | | | | |
| ARTS 2314 | Design Communications II | 3 | | X | | | | | |
| ARTS 2316 | Painting I | 3 | | X | | | | | |
| ARTS 2317 | Painting II | 3 | | X | | | | | |
| ARTS 2323 | Life Drawing I | 3 | | X | | | | | |
| ARTS 2326 | Sculpture I | 3 | | X | | | | | |
| ARTS 2341 | Art Metals I | 3 | | X | | | | | |
| ARTS 2342 | Art Metals II | 3 | | X | | | | | |
| ARTS 2346 | Ceramics I | 3 | | X | | | | | |
| ARTS 2347 | Ceramics II | 3 | | X | | | | | |
| ARTS 2356 | Photography I | 3 | | X | X | | | | |

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| ARTS | 2357 | Photography II | 3 | | X | | | | |
| ARTS | 2366 | Watercolor I | 3 | | X | | | | |
| CHIN | 1311 | Beginning Chinese I | 3 | | X | X | | X | X |
| CHIN | 1312 | Beginning Chinese II | 3 | | X | X | | X | X |
| CHIN | 1411 | Beginning Chinese I | 4 | | X | X | | X | X |
| CHIN | 1412 | Beginning Chinese II | 4 | | X | X | | X | X |
| CHIN | 2311 | Intermediate Chinese I | 3 | | X | X | | X | X |
| CHIN | 2312 | Intermediate Chinese II | 3 | | X | X | | X | X |
| CZEC | 1311 | Beginning Czech I | 3 | | X | X | | X | X |
| CZEC | 1312 | Beginning Czech II | 3 | | X | X | | X | X |
| DRAM | 1310 | Introduction to Theater | 3 | | X | | | | |
| DRAM | 1320 | Theater Practicum I | 3 | | X | | | | |
| DRAM | 1321 | Theater Practicum II | 3 | | X | | | | |
| DRAM | 1330 | Stagecraft I | 3 | | X | | | | |
| DRAM | 1351 | Acting I | 3 | | X | | | | |
| DRAM | 1352 | Acting II | 3 | | X | | | | |
| DRAM | 2336 | Voice for the Theater | 3 | | X | | | | |
| DRAM | 2366 | Development of the Motion Picture I | 3 | | X | | | | |
| DRAM | 2367 | Development of the Motion Picture II | 3 | | X | | | | |
| ENGL | 2322 | British Literature I | 3 | | X | | | X | X |
| ENGL | 2323 | British Literature II | 3 | | X | | | X | X |
| ENGL | 2327 | American Literature I | 3 | | X | | | X | X |
| ENGL | 2328 | American Literature II | 3 | | X | | | X | X |
| ENGL | 2332 | World Literature I | 3 | | X | | | | X |
| ENGL | 2333 | World Literature II | 3 | | X | | | | X |
| FREN | 1411 | Beginning French I | 4 | | X | X | | X | X |
| FREN | 1412 | Beginning French II | 4 | | X | X | | X | X |
| FREN | 2311 | Intermediate French I | 3 | | X | X | | X | X |
| FREN | 2312 | Intermediate French II | 3 | | X | X | | X | X |
| GERM | 1411 | Beginning German I | 4 | | X | X | | X | X |
| GERM | 1412 | Beginning German II | 4 | | X | X | | X | X |
| GERM | 2311 | Intermediate German I | 3 | | X | X | | X | X |
| GERM | 2312 | Intermediate German II | 3 | | X | X | | X | X |
| HIST | 2311 | Western Civilization I | 3 | HI301A | X | | | X | X |
| HIST | 2312 | Western Civilization II | 3 | | X | | | X | X |
| HIST | 2381 | African-American History | 3 | | X | | | | X |
| HUMA | 1315 | Fine Arts Appreciation | 3 | | X | | | X | X |
| INDO | 1411 | Beginning Indonesian I | 4 | | X | X | | X | X |
| INDO | 1412 | Beginning Indonesian II | 4 | | X | X | | X | X |
| INDO | 2311 | Intermediate Indonesian I | 3 | | X | X | | X | X |
| INDO | 2312 | Intermediate Indonesian II | 3 | | X | X | | X | X |
| ITAL | 1311 | Beginning Italian I | 3 | | X | X | | X | X |
| ITAL | 1312 | Beginning Italian II | 3 | | X | X | | X | X |
| ITAL | 2311 | Intermediate Italian I | 3 | | X | X | | X | X |
| ITAL | 2312 | Intermediate Italian II | 3 | | X | X | | X | X |
| JAPN | 1311 | Beginning Japanese I | 3 | | X | X | | X | X |
| JAPN | 1312 | Beginning Japanese II | 3 | | X | X | | X | X |
| JAPN | 1411 | Beginning Japanese I | 4 | | X | X | | X | X |
| JAPN | 1412 | Beginning Japanese II | 4 | | X | X | | X | X |
| JAPN | 2311 | Intermediate Japanese I | 3 | | X | X | | X | X |
| JAPN | 2312 | Intermediate Japanese II | 3 | | X | X | | X | X |
| KORE | 1311 | Beginning Korean I | 3 | | X | X | | X | X |

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| KORE | 1312 | Beginning Korean II | 3 | | X | X | | X | | X |
| KORE | 1411 | Beginning Korean I | 4 | | X | X | | X | | X |
| KORE | 1412 | Beginning Korean II | 4 | | X | X | | X | | X |
| KORE | 2311 | Intermediate Korean I | 3 | | X | X | | X | | X |
| KORE | 2312 | Intermediate Korean II | 3 | | X | X | | X | | X |
| MUSI | 1116 | Sight Singing and Ear Training I | 1 | | X | X | X | | | |
| MUSI | 1117 | Sight Singing and Ear Training II | 1 | | X | X | | | | |
| MUSI | 1181 | Class Piano I | 1 | | X | | X | | | |
| MUSI | 1183 | Class Voice I | 1 | | X | | | | | |
| MUSI | 1188 | Percussion Class I | 1 | | X | | | | | |
| MUSI | 1192 | Class Guitar I | 1 | | X | | X | | | |
| MUSI | 1301 | Fundamentals of Music I | 3 | | X | X | X | | | |
| MUSI | 1304 | Foundations of Music | 3 | | X | | X | | | |
| MUSI | 1306 | Music Appreciation | 3 | | X | | | | | X |
| MUSI | 1307 | Music Literature | 3 | | X | | | | | X |
| MUSI | 1311 | Music Theory I | 3 | | X | X | X | | | |
| MUSI | 1312 | Music Theory II | 3 | | X | X | | | | |
| MUSI | 1390 | Electronic Music | 3 | | X | | | | | |
| MUSI | 2311 | Music Theory III | 3 | | X | | | | | |
| MUSI | 2312 | Music Theory IV | 3 | | X | | | | | |
| PASH | 1411 | Beginning Pashtu I | 4 | | X | X | | X | | X |
| PASH | 1412 | Beginning Pashtu II | 4 | | X | X | | X | | X |
| PASH | 2311 | Intermediate Pashtu I | 3 | | X | X | | X | | X |
| PASH | 2312 | Intermediate Pashtu II | 3 | | X | X | | X | | X |
| PERS | 1411 | Beginning Persian-Iranian/Afghan I | 4 | | X | X | | X | | X |
| PERS | 1412 | Beginning Persian-Iranian/Afghan II | 4 | | X | X | | X | | X |
| PERS | 2311 | Intermediate Persian-Iranian/Afghan I | 3 | | X | X | | X | | X |
| PERS | 2312 | Intermediate Persian-Iranian/Afghan II | 3 | | X | X | | X | | X |
| PHIL | 1301 | Introduction to Philosophy | 3 | PL079A | X | | | | | X |
| PHIL | 1304 | Introduction to World Religions | 3 | | X | | | X | | X |
| PHIL | 1316 | History of Religions I | 3 | | X | | | | | X |
| PHIL | 1317 | History of Religions II | 3 | | X | | | | | X |
| PHIL | 2303 | Introduction to Logic | 3 | | X | | | | | X |
| PHIL | 2306 | Introduction to Ethics | 3 | PL081A | X | | | | | X |
| PHIL | 2307 | Introduction to Social and Political Philosophy | 3 | | X | | | | | X |
| PORT | 1411 | Beginning Portuguese I | 4 | | X | X | | X | | X |
| PORT | 1412 | Beginning Portuguese II | 4 | | X | X | | X | | X |
| PORT | 2311 | Intermediate Portuguese I | 3 | | X | X | | X | | X |
| PORT | 2312 | Intermediate Portuguese II | 3 | | X | X | | X | | X |
| PUNJ | 1411 | Beginning Punjabi I | 4 | | X | X | | X | | X |
| PUNJ | 1412 | Beginning Punjabi II | 4 | | X | X | | X | | X |
| PUNJ | 2311 | Intermediate Punjabi I | 3 | | X | X | | X | | X |
| PUNJ | 2312 | Intermediate Punjabi II | 3 | | X | X | | X | | X |
| RUSS | 1411 | Beginning Russian I | 4 | | X | X | | X | | X |
| RUSS | 1412 | Beginning Russian II | 4 | | X | X | | X | | X |
| RUSS | 2311 | Intermediate Russian I | 3 | | X | X | | X | | X |
| RUSS | 2312 | Intermediate Russian II | 3 | | X | X | | X | | X |
| SPAN | 1411 | Beginning Spanish I | 4 | | X | X | | X | | X |
| SPAN | 1412 | Beginning Spanish II | 4 | | X | X | | X | | X |

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| SPAN 2311 | Intermediate Spanish I | 3 | | X | X | | X | | X |
| SPAN 2312 | Intermediate Spanish II | 3 | | X | X | | X | | X |
| SPCH 2341 | Oral Interpretation | 3 | | X | | | | | X |
| TURK 1411 | Beginning Turkish I | 4 | | X | X | | X | | X |
| TURK 1412 | Beginning Turkish II | 4 | | X | X | | X | | X |
| TURK 2311 | Intermediate Turkish I | 3 | | X | X | | X | | X |
| TURK 2312 | Intermediate Turkish II | 3 | | X | X | | X | | X |
| URDU 1411 | Beginning Urdu I | 4 | | X | X | | X | | X |
| URDU 1412 | Beginning Urdu II | 4 | | X | X | | X | | X |
| URDU 2311 | Intermediate Urdu I | 3 | | X | X | | X | | X |
| URDU 2312 | Intermediate Urdu II | 3 | | X | X | | X | | X |
| | Humanities/Fine Arts Elective | | | | | | X | | X |
| Mathematics | | 3-4 SH | | | | | | | |
| MATH 1314 | College Algebra | 3 | MH048A | X | | | X | | X |
| MATH 1316 | Plane Trigonometry | 3 | MH049A | X | | | X | | X |
| MATH 1324 | Mathematics for Business and Social Sciences I (Finite Mathematics) | 3 | | X | | | | | X |
| MATH 1325 | Mathematics for Business and Social Sciences II (Business Calculus) | 3 | MH072A | X | | | | | X |
| MATH 1332 | Contemporary Mathematics I | 3 | MH051A | X | | | X | | X |
| MATH 1342 | Elementary Statistical Methods | 3 | MH053A | X | | | X | | X |
| MATH 1350 | Fundamentals of Mathematics I | 3 | | X | | | | | X |
| MATH 1351 | Fundamentals of Mathematics II | 3 | | X | | | | | X |
| MATH 1414 | College Algebra | 4 | MH048A | X | | | X | | X |
| MATH 2412 | Precalculus Math | 4 | | X | | | | | X |
| MATH 2413 | Calculus I | 4 | MH055A | X | | | X | | X |
| MATH 2414 | Calculus II | 4 | MH056A | X | | | X | | X |
| MATH 2415 | Calculus III | 4 | | X | | | | | X |
| Social/Behavioral Science | | 3 SH | | | | | | | |
| AGRI 2317 | Introduction to Agriculture Economics | 3 | | X | | | | | X |
| ECON 2301 | Principles of Macroeconomics | 3 | EC201A | X | | | X | | X |
| ECON 2302 | Principles of Microeconomics | 3 | EC301A | X | | | X | | X |
| GEOG 1300 | Principles of Geography | 3 | GE001A | X | | | | | X |
| GEOG 1301 | Physical Geography | 3 | | X | | | | | X |
| GEOG 1302 | Cultural Geography | 3 | GE021A | X | | | X | | X |
| GEOG 1303 | World Regional Geography | 3 | GE023A | X | | | | | X |
| GOVT 2301 | American Government I | 3 | | X | | | X | | X |
| GOVT 2302 | American Government II | 3 | PO078A | X | | | X | | X |
| GOVT 2304 | Introduction to Political Science | 3 | | X | | | | | X |
| HIST 1301 | United States History I | 3 | HI201A | X | | | X | | X |
| HIST 1302 | United States History II | 3 | HI202A | X | | | X | | X |
| HIST 2301 | Texas History | 3 | | X | | | | | X |
| HIST 2311 | Western Civilization I | 3 | HI301A | X | | | X | | X |
| HIST 2312 | Western Civilization II | 3 | | X | | | X | | X |
| HIST 2381 | African-American History | 3 | | X | | | | | X |
| PSYC 2301 | General Psychology | 3 | PS101A | X | | | X | | X |
| PSYC 2308 | Child Psychology | 3 | | X | | | X | | X |
| PSYC 2314 | Life Span Growth and Development | 3 | | X | | | X | | X |
| PSYC 2315 | Psychology of Adjustment | 3 | | X | | | | | X |
| PSYC 2316 | Psychology of Personality | 3 | | X | | | | | X |
| SOCI 1301 | Introduction to Sociology | 3 | SO001A | X | | | X | | X |

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| SOCI 1306 | Social Problems | 3 | SO002A | X | | | | | X |
| SOCI 2301 | Marriage and the Family | 3 | | X | | | | | X |
| SOCI 2319 | Minority Studies I | 3 | | X | | | | | X |
| | Social/Behavioral Science Elective | | | | | | X | | X |
| Natural Science | | 4 SH | | | | | | | |
| PHYS 1405 | Elementary Physics I | 4 | PY002A | X | | | | | |
| PHYX 1405 | Elementary Physics Lab | 0 | | X | | | | | |
| Major Requirements | | 39 SH | | | | | | | |
| AERM 1203 | Shop Practices - G | 2 | | X | X | X | | X | |
| AERM 1205 | Weight and Balance - G | 2 | | X | X | X | | X | |
| AERM 1208 | Federal Aviation Regulations - G | 2 | | X | X | X | | X | |
| AERM 1210 | Ground Operations - G | 2 | | X | X | | | X | |
| AERM 1243 | Instruments and Navigation Communications - G | 2 | | X | X | | | X | |
| AERM 1254 | Aircraft Composites - A | 2 | | X | | | | X | |
| AERM 1314 | Basic Electricity - G | 3 | | X | X | | | X | |
| AERM 1444 | Aircraft Reciprocating Engines - P | 4 | | X | X | | | X | |
| AERM 1449 | Hydraulic, Pneumatic and Fuel Systems - A | 4 | | X | X | | | X | |
| AERM 1452 | Aircraft Sheet Metal - A | 4 | | X | | | | X | |
| AERM 1456 | Aircraft Power Plant Electrical - P | 4 | | X | X | | | X | |
| AERM 2231 | Airframe Inspections - A | 2 | | X | | | | X | |
| AERM 2341 | Power Plant and Auxiliary Power Units - P | 3 | | X | | | | X | |
| AERM 2351 | Aircraft Turbine Engine Overhaul - P | 3 | | X | X | | | X | |
| Major-Related Electives | | 9-10 | | | | | | | |
| AERM 1340 | Aircraft Propellers - P | 3 | | X | X | | | X | |
| AERM 1357 | Fuel Metering and Induction System - P | 3 | | X | | | | X | |
| AERM 1445 | Airframe Electrical Systems - A | 4 | | X | X | | | X | |
| AERM 2370 | A&P Mechanic General Course | 3 | | X | | | | | X |
| AERM 2371 | Aircraft Airframe Course | 3 | | X | | | | | X |
| AERM 2372 | Aircraft Power Plants and Systems | 3 | | X | X | | | | X |
| | AERM Elective | | | | X | X | | X | X |
| Total Credits | | 67 SH | | | | | | | |

- Notes:**
- 1) An "X" in a column indicates that the Institution guarantees to accept credit from the source shown for at least part of the requirement.
 - 2) This column indicates whether a school accepts transfer credit for courses taken through distance learning. It does not mean that the school offers the course through distance learning.
 - 3) A course may be used toward one requirement only.
 - 4) Only lower-level courses are accepted in transfer unless a CTC equivalent course is listed in the appropriate SOC transfer guarantee.

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| Date Effective: | 01-Jan-12 |
| Term Effective: | T450 |