



# Aircraft Maintenance Powerplant Certificate

This program map represents one possible path for completing this program. **Please see a counselor** to create an educational plan that is customized to meet your needs. This path is not a guarantee of course availability or financial aid applicability.

Catalog: 2026-27

Total Units: 53

## First Year

### Summer Term 2 Units

CAT.	COURSE	TITLE	UNIT
Maj	AMTP 309	Introduction to Aircraft Mechanics	2

### Semester 1 17 Units

CAT.	COURSE	TITLE	UNIT
Maj	AMTP 200 <sup>+</sup>	Certificated Aircraft Mechanic Preparation	1
Maj	AMTP 300 <sup>^^</sup>	Basic Electricity Fundamentals	2.5
Maj	AMTP 301 <sup>^^</sup>	Basic Electricity Applications	1.5
Maj	AMTP 302 <sup>+</sup>	Basic Electrical Systems Fundamentals	2.5
Maj	AMTP 303 <sup>^^</sup>	Basic Electrical Systems Applications	1.5
Maj	AMTP 304 <sup>+</sup>	Aircraft Sheetmetal Fabrication Fundamentals	2.5
Maj	AMTP 305 <sup>^^</sup>	Aircraft Sheetmetal Fabrication Applications	1.5
Maj	AMTP 306 <sup>+</sup>	Nondestructive Testing and Materials Fundamentals	2.5
Maj	AMTP 307 <sup>^^</sup>	Nondestructive Testing and Materials Processes Applications	1.5

**+Prerequisite for AMTP 200:** AMTP 309 with a grade of "C" or better

**+Prerequisite for AMTP 300:** AMTP 309 with a grade of "C" or better

**^Corequisite for AMTP 300:** AMTP 200

**+Prerequisite for AMTP 301:** AMTP 309 with a grade of "C" or better

**^Corequisite for AMTP 301:** AMTP 200 and 300

**+Prerequisite for AMTP 302:** AMTP 300 and 301 with a grade of "C" or better

## Legend

- **(H)** - Honors
- **Elec** - Elective
- **GE** - General Education
- **Maj** - Required Core
- **ME** - Major Elective

## Disclaimer

Every effort has been made to ensure that what is listed in the SCC Program Paths are accurate. The courses, the course sequencing, and the programs are subject to change without notice by the administration of the Los Rios Community College District and Sacramento City College at the discretion of the district and Sacramento City College. Further, Sacramento City College reserves the right to amend any course or program.

**PLEASE SEE AN SCC COUNSELOR.**

## Certificate of Achievement Requirements

Certificates of Achievement require a grade of "C" or better in each major course.

## Program Enrollment Eligibility

To be eligible for enrollment in the program, the student must meet the following criteria:

**+Prerequisite for AMTP 303:** AMTP 300 and 301 with a grade of "C" or better

**^Corequisite for AMTP 303:** AMTP 200 and 302

**+Prerequisite for AMTP 304:** AMTP 302 and 303 with a grade of "C" or better

**+Prerequisite for AMTP 305:** AMTP 302 and 303 with a grade of "C" or better

**^Corequisite for AMTP 305:** AMTP 200 and 304

**+Prerequisite for AMTP 306:** AMTP 304 and 305 with a grade of "C" or better

**+Prerequisite for AMTP 307:** AMTP 304 and 305 with a grade of "C" or better

**^Corequisite for AMTP 307:** AMTP 200 and 306

## Semester 2

17 Units

CAT.	COURSE	TITLE	UNIT
Maj	AMTP 200 <sup>+</sup>	Certificated Aircraft Mechanic Preparation	1
Maj	AMTP 310 <sup>+</sup>	Powerplant Theory and Maintenance Fundamentals - Reciprocating Engines	2.5
Maj	AMTP 311 <sup>^^</sup>	Powerplant Overhaul Applications - Reciprocating Engines	1.5
Maj	AMTP 312 <sup>+</sup>	Powerplant Theory - Turbine Engine Fundamentals	2.5
Maj	AMTP 313 <sup>^^</sup>	Powerplant Overhaul- Turbine Engines Applications	1.5
Maj	AMTP 314 <sup>+</sup>	Reciprocating Powerplant Systems and Components Fundamentals	2.5
Maj	AMTP 315 <sup>^^</sup>	Reciprocating Powerplant Systems and Components Applications	1.5
Maj	AMTP 316 <sup>+</sup>	Aircraft Propellers and Propeller Systems Fundamentals	2.5
Maj	AMTP 317 <sup>^^</sup>	Aircraft Propellers and Propeller Systems Applications	1.5

**+Prerequisite for AMTP 200:** AMTP 309 with a grade of "C" or better

**+Prerequisite for AMTP 310:** AMTP 309 with a grade of "C" or better

- The Federal Aviation Administration requires that all applicants read, write, speak, and understand the English language in accordance with Title 14 of the Code of Federal Regulations (14 CFR), part 65.71.
- Successful completion of AERO 309 or AMTP 309 with a grade of C or better.
- Any Aircraft Maintenance Technician Program coursework completed at a different 14 CFR Part 147 institution must be evaluated via the Course Substitution Process. Please visit the Admissions and Records website for information about the course substitution process.

## Important Links

- [SCC General Counseling](#)
- [Aircraft Maintenance Technician](#)
- [Business & Industry Meta Major s](#)

**+Prerequisite for AMTP 311:** AMTP 309 with a grade of "C" or better

**^Corequisite for AMTP 311:** AMTP 200 and 310

**+Prerequisite for AMTP 312:** AMTP 310 and 311 with a grade of "C" or better

**+Prerequisite for AMTP 313:** AMTP 310 and 311 with a grade of "C" or better

**^Corequisite for AMTP 313:** AMTP 200 and 312

**+Prerequisite for AMTP 314:** AMTP 312 and 313 with a grade of "C" or better

**+Prerequisite for AMTP 315:** AMTP 312 and 313 with a grade of "C" or better

**^Corequisite for AMTP 315:** AMTP 200 and 314

**+Prerequisite for AMTP 316:** AMTP 314 and 315 with a grade of "C" or better

**+Prerequisite for AMTP 317:** AMTP 314 and 315 with a grade of "C" or better

**^Corequisite for AMTP 317:** AMTP 200 and 316

## Second Year

### Semester 3

17 Units

CAT.	COURSE	TITLE	UNIT
Maj	AMTP 200 <sup>+</sup>	Certificated Aircraft Mechanic Preparation	1
Maj	AMTP 330 <sup>+</sup>	Aircraft Inspection Fundamentals	2.5
Maj	AMTP 331 <sup>+^</sup>	Aircraft Inspection Applications	1.5
PreReq	AMTP 332 <sup>+</sup>	Ground Operations and Aircraft Structures Fundamentals	2.5
PreReq	AMTP 333 <sup>+^</sup>	Ground Operations and Aircraft Structures Applications	1.5
PreReq	AMTP 334 <sup>+</sup>	Aircraft Communication and Navigation Fundamentals	2.5
PreReq	AMTP 335 <sup>+^</sup>	Aircraft Communication and Navigation Applications	1.5

CAT.	COURSE	TITLE	UNIT
Maj	AMTP 336 <sup>+</sup>	Federal Aviation Administration Regulations and Form Fundamentals	2.5
Maj	AMTP 337 <sup>+^</sup>	Federal Aviation Administration Regulations and Form Applications	1.5

**+Prerequisite for AMTP 200:** AMTP 309 with a grade of "C" or better

**+Prerequisite for AMTP 330:** AMTP 306, 307, 316, and 317 with a grade of "C" or better

**+Prerequisite for AMTP 331:** AMTP 306, 307, 316, and 317 with a grade of "C" or better

**^Corequisite for AMTP 331:** AMTP 200 and 330

**+Prerequisite for AMTP 332:** AMTP 330 and 331 with a grade of "C" or better

**+Prerequisite for AMTP 333:** AMTP 330 and 331 with a grade of "C" or better

**^Corequisite for AMTP 333:** AMTP 200 and 332

**+Prerequisite for AMTP 334:** AMTP 332 and 333 with a grade of "C" or better

**+Prerequisite for AMTP 335:** AMTP 332 and 333 with a grade of "C" or better

**^Corequisite for AMTP 335:** AMTP 200 and 334

**+Prerequisite for AMTP 336:** AMTP 334 and 335 with a grade of "C" or better

**+Prerequisite for AMTP 337:** AMTP 334 and 335 with a grade of "C" or better

**^Corequisite for AMTP 337:** AMTP 200 and 336