



Aerospace Coatings & Paint Technology

Student Learning Outcomes

- 1** Communication- The student will demonstrate the ability to communicate effectively using written and/or oral communication.
- 2** Information Literacy- The student will recognize when information is needed and have the ability to locate, evaluate, and use effectively the needed information.
- 3** Problem Solving- The student will demonstrate the ability to analyze information and solve problems.
- 4** Workplace Skills - Demonstrates a mastery of workplace skills/soft skills, exhibits initiative, adapts to varied situations

Program Outcomes

- 1** Student will demonstrate academic, technical, and professional knowledge and skills required for job acquisition in the Aerospace Coatings & Paint Technology program
- 2** Student will demonstrate surface preparation from various coating and painting applications on all interior and exterior aircraft components
- 3** Student will demonstrate special application techniques
- 4** Student will demonstrate various skills and techniques of advanced paint and coating which meet industry specifications

Fall

Course #	Course Title	Credits	Function
ACP 100	Introduction to Coatings & Paint Technology	3	Technical Studies
ACP 145	Environmental Health and Safety	2	Technical Studies
AVC 104	Quality Control Concepts	1	Technical Studies
AVC 105	Aircraft Familiarization	1	Technical Studies
AVC 107	Fundamentals for Aerospace Manufacturing	1	Technical Studies
AVC 110	Safety/OSHA 10	1	Technical Studies
AVC 112	Blueprint Reading	2	Technical Studies
AVC 120	Introduction to Sealing	1	Technical Studies
AVC 140	Electrical Bonding & Grounding	1	Technical Studies
MCD 106	Precision Measuring	2	Technical Studies

Spring

Course #	Course Title	Credits	Function
ACP 101	Surface Preparation & Coatings	4	Technical Studies
ACP 121	Surface Preparation & Coatings II	3	Technical Studies
ENG 101	Composition I*	3	General Studies
	Communication Elective*	3	General Studies

Summer

Course #	Course Title	Credits	Function
ACP 104	Specialized Coatings Processes	3	Technical Studies
MTH	Math Elective*	3	General Studies

Fall

Course #	Course Title	Credits	Function
ACP 102	Performance & Durability of Coatings	3	Technical Studies
ACP 106	Aerospace Coatings & Materials	3	Technical Studies
ACP 124	Specialized Coatings Processes II	4	Technical Studies
	Social Science Elective*	3	General Studies

Spring

Course #	Course Title	Credits	Function
ACP 103	Color Technology	3	Technical Studies
ACP 105	Specialized Detailing	3	Technical Studies

ACP 111	Technical Co-Operative Project	4	Technical Studies
	Humanities Elective *	3	General Studies

* **Kansas Systemwide General Education**

Technical Certificate, Aerospace Coatings & Paint Technology

Total Credits 45

Fall

Course #	Course Title	Credits	Function
ACP 100	Introduction to Coatings & Paint Technology	3	Technical Studies
ACP 145	Environmental Health and Safety	2	Technical Studies
AVC 104	Quality Control Concepts	1	Technical Studies
AVC 105	Aircraft Familiarization	1	Technical Studies
AVC 107	Fundamentals for Aerospace Manufacturing	1	Technical Studies
AVC 110	Safety/OSHA 10	1	Technical Studies
AVC 112	Blueprint Reading	2	Technical Studies
AVC 120	Introduction to Sealing	1	Technical Studies
AVC 140	Electrical Bonding & Grounding	1	Technical Studies
MCD 106	Precision Measuring	2	Technical Studies

Spring

Course #	Course Title	Credits	Function
ACP 101	Surface Preparation & Coatings	4	Technical Studies
ACP 121	Surface Preparation & Coatings II	3	Technical Studies

Summer

Course #	Course Title	Credits	Function
ACP 104	Specialized Coatings Processes	3	Technical Studies

Fall

Course #	Course Title	Credits	Function
ACP 102	Performance & Durability of Coatings	3	Technical Studies
ACP 106	Aerospace Coatings & Materials	3	Technical Studies
ACP 124	Specialized Coatings Processes II	4	Technical Studies

Spring

Course #	Course Title	Credits	Function
ACP 103	Color Technology	3	Technical Studies

ACP 105	Specialized Detailing	3	Technical Studies
ACP 111	Technical Co-Operative Project	4	Technical Studies

Technical Certificate, Process Mechanic Painter

Total Credits 16

Fall

Course #	Course Title	Credits	Function
ACP 100	Introduction to Coatings & Paint Technology	3	Technical Studies
ACP 101	Surface Preparation & Coatings	4	Technical Studies
ACP 104	Specialized Coatings Processes	3	Technical Studies
AVC 105	Aircraft Familiarization	1	Technical Studies
ACP 145	Environmental Health and Safety	2	Technical Studies
AVC 110	Safety/OSHA 10	1	Technical Studies
AVC 112	Blueprint Reading	2	Technical Studies