

## Errata

Presented by the Catalog Committee



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This Addendum is to serve as official notification to the Southern University at Shreveport community of all changes, corrections, and/or additions to the 2020-2021 Southern University at Shreveport University Catalog and should be used in conjunction with the Catalog.

Information in this document supersedes the published paper and online 2020-2021 course catalog. Errata may be accessed online at <http://www.susla.edu/academics/Pages/UniversityCatalog.aspx?panel=1>

**SOUTHERN UNIVERSITY AT SHREVEPORT**  
Catalog Errata

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# Appendix A

<b>Calendar Activity</b>	<b>Original Date</b>	<b>Proposed Date Change</b>	<b>Extension Timeframe</b>
Late Registration and Add/Drop Begin	Monday, January 13	Monday, January 21	One Week
Last Day for Deans to Recommend Class Closures	Thursday, January 16	Thursday, January 23	One Week
Last Day to Officially close Classes for Low Enrollment	Wednesday, January 22	Friday, January 31	One Week
Last Day to Add Credit Courses and Change Class Sections	Monday, January 27	Tuesday, February 4	One Week
Final Day to Pay Fees	Friday, January 28	Friday, February 11	Two Weeks
Census Date	Wednesday, February 5	Wednesday, February 19	Two Weeks

# Appendix B

## *Transfer students:*

Transfer students are not required to submit an official transcript for admission to SUSLA unless the student requests that credits earned while attending another regionally-accredited institution be applied towards a certificate or degree at SUSLA.

\*Transcript may be requested by the Financial Aid Office for verification of attempted hours to determine satisfactory academic progress (SAP).

# APPENDIX C

## *The Division of Business, Science, Technology, Engineering and Mathematics*

In accordance with SUSLA's mission statement, the Division of Business, Science, Technology, Engineering and Mathematics prepares students through rigorous and relevant content, to be productive and successful citizens by developing a strong work ethic and high-level critical thinking skills needed to solve challenges in whatever career pathway chosen.

BSTEM's vision is to provide a challenging learning environment in Business, Science, Technology, Engineering and Mathematics, which maximizes individual potential and ensures students are well-equipped to meet the challenges in the world we live in today and tomorrow.

### **Associate Degrees**

Accounting  
Business Management  
Computer Science (Scientific Option)  
Computer Science (Business Option)

### **General Studies**

Business Administration Concentration  
Biology Concentration  
Chemistry Concentration  
Science/Pre-Allied Health Concentration  
Pre-Engineering/Pre-Physics Concentration

### **Louisiana Transfer**

Biological Sciences  
General Business  
Physical Science Concentration

### **Certificates**

Accounting Technology Clerk  
Administration Technology Specialist  
Computer Information Systems  
Computer Networking Technology  
Web Development

### **Technical Diploma**

Airframe and Power Plant  
Maintenance Technology

**ACCOUNTING**  
Associate of Science Degree

**FRESHMAN YEAR**

*Fall Semester*

SENL	101S	Freshman English I	3
SMAT	121S	Pre-Calculus Algebra	3
BIO	103S	General Biology Lecture I <b>or</b>	
SCHE	110S	General Chemistry Lecture I	3
SBIO	103LS	General Biology Lab I <b>or</b>	
SCHE	110LS	General Chemistry Lab I	1
SFIA	101S	Understanding the Arts <b>or</b>	
MUSC	200S	Enjoyment of Music	3
ACCT	160S	Introduction to Accounting	3
FROR	120S	College Success	<u>1</u>
			<b>17</b>

*Spring Semester*

SENL	102S	Freshman English II	3
SMAT	122S	Finite Math	3
CMPS	101S	Introduction to Computer Concepts <b>or</b>	
CMPS	215S	Business Applications	3
MGMT	200S	Introduction to Business	3
ACCT	200S	Financial Accounting	<u>3</u>
			<b>15</b>

**SOPHOMORE YEAR**

*Fall Semester*

SECO	222S	Microeconomics	3
SPHY	102S	Physical Science I	3
ACCT	203S	Managerial Accounting	3
ACCT	220S	Computerized Accounting	3
SSPN	101S	Elementary Spanish I	<u>3</u>
			<b>15</b>

*Spring Semester*

SACC	261S	Tax Accounting	3
SACC	271S	Intermediate Accounting	3
BUST	299S	Business Internship	3
MGMT	201S	Principles of Management	3
MGMT	243S	Legal Environment of Business	<u>3</u>
			<b>15</b>

# AIRFRAME AND POWERPLANT MAINTENANCE TECHNOLOGY

Technical Diploma  
**FRESHMAN YEAR**

## *Fall Semester*

AMTG	101S	Basic Electricity	3
AMTG	102S	Aviation Regulations, Records, and Documents	1
AMTG	104S	Fluid, Lines and Fittings	1
AMTG	105S	Materials and Processes	3
AMTG	106S	Ground Operations and Servicing	3
AMTG	108S	Aircraft Drawings	1
PHYS	103S	Technical Physics	<u>3</u>
			<b>15</b>

## *Spring Semester*

AMTA	201S	Wood, Coverings, and Finishes	2
AMTA	202S	Aircraft Sheet Metal, Non-Metallic Structures	4
AMTA	203S	Aircraft Welding	1
AMTA	205S	Airframe Inspection	1
AMTA	206S	Assembly and Rigging	3
AMTA	207S	Aircraft Fuel Systems	1
MATH	126S	Technical Mathematics	<u>3</u>
			<b>15</b>

## *Summer Semester*

AMTA	208S	Hydraulic and Pneumatic Power Systems	3
AMTA	209S	Aircraft Landing Gear Systems	2
AMTA	213S	Aircraft Communication, Navigation, and Instrument Systems	<u>2</u>
			<b>7</b>
		here Control Systems	1
	211S	Aircraft Electrical Systems	3
	212S	Aircraft Position and Warning Systems	2
	222S	Turbine Engines	3

## *Fall Semester*

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**MORE**

**YEAR**

210S

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AMTP	226S	Ignition and Starting Systems	<u>3</u>
			<b>12</b>

***Spring Semester***

AMTP	223S	Engine Inspection	1
AMTP	225S	Engine Lubrication Systems	1
AMTP	227S	Engine Fuel and Metering Systems	3
AMTP	228S	Induction, Cooling, and Exhaust Systems	2
AMTP	229S	Propellers and Components	3
AMTP	231S	Engine Electrical Systems	<u>2</u>
			<b>12</b>

***Summer Semester***

AMTP	224S	Engine Instruments and Fire Protection Systems	1
AMTP	250S	Reciprocating Engine Overhaul & Installation	<u>4</u>
			<b>5</b>

**TOTAL CREDIT HOURS: 66**

## **AVIATION MAINTENANCE TECHNOLOGY - AIRFRAME (AMTA)**

**AMTA 201S WOOD, COVERINGS, AND FINISHES** - A study of classic airframe structures will provide the theory and application of the older airframe construction and repair techniques. Wood structures, fabric coverings and painting are the main topics covered in this course. **(1.5-1.5-2)**

**AMTA 202S AIRCRAFT SHEET METAL, NON-METALLIC STRUCTURES** -A study of aircraft structural characteristics and methods of fabrication and repairs as it applies to aircraft aluminum structures. Repairing of aluminum skin is emphasized. **(1-2-4)**

**AMTA 203S AIRCRAFT WELDING** - This course provides the theory and application of the different welding processes used for repairing of aircraft. Emphasis is placed on the welding of structural members of the aircraft. **(1.5-1.5-1)**

**AMTA 205S AIRFRAME INSPECTION** - Airframe inspection will provide the theory and practical application of the inspections required for both general and commercial aviation type aircraft. **(1.5- 1.5-1)**

**AMTA 206S ASSEMBLY AND RIGGING** - A course of study on the methods and procedures used in the assembly and rigging of aircraft for the most efficient flight. **(1.5-1.5-3)**

**AMTA 207S AIRCRAFT FUEL SYSTEMS** - This course of study is directed toward various fuel storage and distribution systems used in small and large aircraft and the standard practices for the maintenance of these systems. **(1.5-1.5-1)**

**AMTA 208S HYDRAULIC AND PNEUMATIC POWER SYSTEMS** - The study of the operation and maintenance of aircraft hydraulic and pneumatic systems in both small and large aircraft. The method of troubleshooting and repair of components are covered as well as servicing and ground testing. The course also includes the study of powered flight control systems. **(1-2-3)**

**AMTA 209S AIRCRAFT LANDING GEAR SYSTEMS** - The study of aircraft landing gear structures and operational systems include the repair and maintenance procedures for the retraction systems, brakes, shock struts, steering systems, wheel, tires, and anti-skid systems. **(2-1-2)**

**AMTA 210S CABIN ATMOSPHERE CONTROL SYSTEMS** - A study of the various types of systems used for cabin atmospheric control in corporate and airline type aircraft. Heating, cooling, and pressurization as well as oxygen systems are included in the study. **(2-1-1)**

**AMTA 211S AIRCRAFT ELECTRICAL SYSTEMS** - A course of study of the theory of operation and maintenance of the DC and AC power generating and distribution systems. **(1.5-1.5-3)**

**AMTA 212S AIRCRAFT POSITION AND WARNING SYSTEMS** - A study of the theory of operation and the maintenance of various position and warning systems used on small and large aircraft. Fire protection systems are included. **(1.5-1.5-2)**

**AMTA 213S AIRCRAFT COMMUNICATION, NAVIGATION, AND INSTRUMENT SYSTEMS** This course familiarizes the student with the communication, navigation, and instrument systems and their function. Emphasis is placed on the proper removal and

installation procedures. **(2-1-2)**

## **AVIATION MAINTENANCE TECHNOLOGY - GENERAL (AMTG)**

**AMTG 101S BASIC ELECTRICITY** - A study of basic electrical theory for both AC and DC current and its application to aircraft systems. Understanding voltage, current, and resistance relationships, reading and interpreting electrical schematics, and developing a methodical approach to electrical problem solving are included. Introduction to solid state and digital devices in aircraft systems and projects to give the aircraft technician hands-on experience will also be included. **(2-1-3)**

**AMTG 102S AVIATION REGULATIONS, RECORDS, AND DOCUMENTATION** - A presentation of Federal Aviation Regulations pertinent to aircraft maintenance and the associated documents, publications and records applicable to aircraft maintenance and the technician. **(3-0-1)**

**AMTG 104S FLUID, LINES, AND FITTINGS** - A study that will include the identification of aircraft plumbing, its repairs, and the methods and processes used for fabricating rigid and flexible lines. **(1.5-1.5-1)**

**AMTG 105S MATERIALS AND PROCESSES** - An introduction to the materials and processes used in aircraft maintenance and repair. Various methods of non-destructive testing and control of corrosion are studied and performed. **(1.5-1.5-3)**

**AMTG 106S GROUND OPERATIONS AND SERVICING** - A course of standards for aircraft ground movement and operations and associated safety practices. A study of aircraft weight and balance as it applies to the maintenance technician is included. **(1.5-1.5-3)**

**AMTG 108S AIRCRAFT DRAWINGS** - A study of aircraft working drawings, schematics, diagrams, and the meaning of lines and symbols; as well as blueprint reading. **(2-1-1)**

## **AVIATION MAINTENANCE TECHNOLOGY - POWERPLANT (AMTP)**

**AMTP 222S TURBINE ENGINES** - A study of the theory of operation of the turbine engine and the function of engine components. Overhaul and testing procedures are covered including disassembly, inspection, repair, reassembly and operational tests of the engines and accessories. **(1.5-1.5-3)**

**AMTP 223S ENGINE INSPECTION** - Engine inspection will provide the theory and application of the inspections required for both general and commercial aviation engines. **(1.5-1.5-1)**

**AMTP 224S ENGINE INSTRUMENTS AND FIRE PROTECTION SYSTEMS** - A study of the theory of operation, installation and troubleshooting of the engine instruments and fire protection systems. **(1.5-1.5-1)**

**AMTP 225S ENGINE LUBRICATION** - This course covers the different types of lubrication systems used in the reciprocating and turbine engines. The study also provides the

procedures to use in repairing and servicing of these systems. **(1.5-1.5-1)**

**AMTP 226S IGNITION AND STARTING SYSTEMS** - This course of study includes the theory of operation, inspection and repairing of ignition and starting systems for both large and small aircraft. **(1.5-1.5-3)**

**AMTP 227S ENGINE FUEL AND METERING SYSTEMS** - This course covers all the related components of the fuel distribution from the airframe to the fuel metering units which includes the filters, pumps, fuel heating systems and controls. This course places emphasis on theory of operation and application for carburetors and fuel controls. In inspection, troubleshooting and repair procedures of these fuel metering units are covered. **(1.5-1.5-3)**

**AMTP 228S INDUCTION, COOLING AND EXHAUST SYSTEMS** - The types and characteristics of induction, cooling and exhaust systems are compared and evaluated. Standard maintenance practices are covered. **(1.5-1.5-2)**

**AMTP 229S PROPELLERS AND COMPONENTS** - This course covers the theory, installation, inspection, servicing, maintenance, repair, and the principles of operation of fixed and controllable pitch propellers and related systems. This course also includes the study of propeller de-icing, synchronization, and the selection and use of propeller lubricants for reciprocating and turbo propeller engines. **(1.5-1.5-3)**

**AMTP 231S ENGINE ELECTRICAL SYSTEMS** - This course offers a study of various electrical systems used in support of aircraft engines. The inspection, repair and maintenance procedures are also covered. **(1.5-1.5-2)**

**AMTP 250S RECIPROCATING ENGINE OVERHAUL & INSTALLATION** - This course contains a detailed study supported by the actual disassembly, inspection and repairing of an operational engine; followed by the reassembly and the operational testing of the engine. This course also includes the methods and procedures for engine removal and installation. **(1.5- 1.5-4)**

## **BIOLOGY (BIOL)**

**SBIO 101S GENERAL BIOLOGY LECTURE** - This course involves broad biological principals for **non-science majors**. It is designed to provide exposure to the scientific method, with emphasis on the cell structure and functions, biological molecules, genetics and evolution. **(3- 0-3)**

**SBIO 103S GENERAL BIOLOGY LECTURE** - [*LCCN: CBIO 1013, General Biology I*] Broad biological principles for science majors: scientific method, biological molecules, cell structure and function, genetics and evolution. **(3-0-3)**

**SBIO 103LS GENERAL BIOLOGY LABORATORY** - [*LCCN: CBIO 1011, General Biology I Lab*]

Laboratory designed to supplement General Biology I for science majors. **(0-2-1)**

**SBIO 104S GENERAL BIOLOGY LECTURE** - [*LCCN: CBIO 1043, General Biology II*]

General

concepts and principles of ecology, evolution, and biological diversity, including anatomy and physiology. **Prerequisite: BIOL 103S. (3-0-3)**

**SBIO 104LS GENERAL BIOLOGY LABORATORY - [LCCN: CBIO 1021, General Biology II Lab]**

Laboratory designed to supplement General Biology II for science majors. **Prerequisite: Biology 103LS. (0-2-1)**

**SBIO 212S MICROBIOLOGY LECTURE - [LCCN: CBIO 2123, General Microbiology]**

Microbial diversity; structure and function; interaction with hosts and environments. **(3-0-3)**

**SBIO 212LS MICROBIOLOGY LABORATORY - [LCCN: CBIO 2121, General Microbiology]**

Laboratory designed to supplement General Microbiology for science majors. **(0-2- 1)**

**BIOL 215S INTRODUCTION TO NUTRITION** – Principles of human nutrition in relation to health and physical and mental fitness, dieting requirements and longevity are studied.

**(3-0-**

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