

**Associate of Science/Louisiana Transfer (ASLT) to Bachelor of Science (BS) Degree
Major: Physics (Material Science Concentration) (124 hours)**

COURSE REQUIREMENTS		CREDIT HOURS	TRANSFER (x)	GRADE	CREDIT HOURS AWARDED
Grambling State University	2-Year College				
English		6 GE			
ENG 101 Freshman Composition I		3			
ENG 102 Freshman Composition II		3			
Mathematics		12 w/6 GE			
MATH 153 Calculus I		3			
MATH 154 Calculus II		3			
MATH 201 Calculus III		3			
MATH 403 Differential Equations		3			
Fine Arts		3 GE			
ART 210 Fine and Performing Arts		3			
Humanities		15 w/9 GE			
ENG 200 World Literature		3			
Foreign Language (6hrs same language)		6			
HIST 101 Western Civilization		3			
HIST 104 Modern World History		3			
Social and Behavioral Sciences		6 GE			
ECON 201 Macroeconomics		3			
SOC 101 Intro to Social Science		3			

COURSE REQUIREMENTS	CREDIT HOURS	TRANSFER (x)	GRADE	CREDIT HOURS AWARDED
Natural Sciences	2-Year College	61 w/9 GE		
CHEM 111, 113 General Chemistry I Lecture/Lab		4		
CHEM 112, 114 General Chemistry I Lecture/Lab		4		
CHEM 223, 225 Organic Chemistry Lecture/Lab		4		
CS 206 Programming in C++		3		
PHYS 153 General Physics I Lecture/Lab		4		
PHYS 154 General Physics II Lecture/Lab		4		
PHYS 215 Modern Physics/Optics		3		
PHYS 304 Thermodynamics		3		
PHYS 305 Mechanics I		3		
PHYS 306 Mechanics II		3		
PHYS 313 Mathematical Methods of Physics I		3		
PHYS 350 Electronics		3		
PHYS 400 Electronic Properties of Materials		3		
PHYS 401 Advanced Laboratory		2		
PHYS 403 Electricity and Magnetism I		3		
PHYS 404 Electricity and Magnetism II		3		
PHYS 410 Quantum Mechanics I		3		
PHYS 411 Quantum Mechanics II		3		
PHYS 423 Projects in Physics		3		

COURSE REQUIREMENTS		CREDIT HOURS	TRANSFER (x)	GRADE	CREDIT HOURS AWARDED
Engineering Technology Courses		10			
ETC 202, 222 Engineering Materials and Processing Lecture/Lab		3			
ETC 301 Statics		3			
ETC 306, 326 Strength of Materials Lecture/Lab		4			
Electives*		11			
	2-Year College				

**Electives must be approved by advisor and department head.*

COURSE SUBSTITUTIONS

Course and Course Number		Course and Course Number
_____	for	_____
_____		_____
_____	for	_____
_____		_____
_____	for	_____
_____		_____
_____	for	_____
_____		_____

Note: Departmental exam may be required if transfer course is not on the Articulation Matrix.

Advisor _____ Date _____

Student _____ Date _____

Completion of the AALT/ASLT degree guarantees that the student has met, in full, all lower division general education requirements at the receiving Louisiana public university. Graduates transferring with the transfer degree will have junior status. Courses or GPA requirements for specific majors, departments, or schools are not automatically satisfied by an AALT/ASLT degree.

Complete this section when you submit your application for graduation. Submit a signed copy of this form with your application and transcript.

Hours completed toward degree _____ Additional hours needed for graduation _____ Hours enrolled this semester _____ Total hours at end of semester _____

Advisor _____ Date _____

Student _____ Date _____