

Gadsden State Community College

Transfer Pathway with Jacksonville State University

Articulation Agreement for Electrical Technology and Integrated Studies

This chart reflects current curriculum for the A.A.S. in Electrical Technology and the Bachelor of Arts degree in Integrated Studies.

Gadsden State Community College

Electrical Technology A.A.S.

This chart shows how the GSCC hours will be articulated toward the BA in Integrated Studies.

GSCC Item#	GSCC Course Title	GSCC Hours	JSU Articulated Course*	JSU Hours
Area I – Written Composition				
ENG 101	English Composition I	3	EH 101	3
Area II – Humanities and Fine Arts				
	Humanities/Fine Arts Elective	3	Fine Art or Humanities	3
Area III – Natural Sciences and Mathematics				
INT 104	Principles of Technology	3		
MTH 100+	Intermediate College Algebra or higher	3	MS 100	3
Area IV – History, Social, and Behavioral Sciences				
	History, Social and Behavioral Sciences Elective	3	History or Social Science	3
Area V – Professional, Major, and Elective Courses				
EET 100	Introduction to Engineering Technologies	3	INS 100+ Elective	3
EET 109	Electrical Blueprint Reading I	3	INS 100+ Elective	3
	ELT 110 or EET 192	3		
ELT 114	Residential Wiring Methods	3	INS 100+ Elective	3
ELT 115	Residential Wiring Methods II	3	INS 100+ Elective	3
	ELT 117 or INT 206	3	INS 100+ Elective	3
	ELT 118 or INT 158	3	INS 100+ Elective	3
	ELT 122 or INT 211 or ELT 212	3	INS 100+ Elective	3
	ELT 231 or INT 184	3	INS 100+ Elective	3
	INT 101 or EET 103	3	INS 100+ Elective	3
	INT 103 or EET 104	3	INS 100+ Elective	3
INT 113	Industrial Motor Control I	3	INS 100+ Elective	3
INT 117	Principles of Industrial Mechanics	3	INS 100+ Elective	3
INT 118	Fundamentals of Industrial Hydraulics and Pneumatics	3	INS 100+ Elective	2
ORI 101	Orientation to College	1	General Elective 100+	1
WKO 101	Workplace Skills Development I	1		
Additional Coursework – Choose 17 Credits				
ACR 111	Principles of Refrigeration	3		
ACR 112	HVACR Service Procedures	3		
ACR 113	Refrigeration Piping Practices	3		
ACR 132	Residential Air Conditioning	3		
CIS 146	Computer Applications	3	CS 201	3 (if taken)
EET 114	Concepts of Solid State Electronics	5		
EET 115	Concepts of Digital Electronics	5		
EET 119	Circuit Fabrication I	1		
EET 207	Intro to Robotics	3		

EET 212	Intro to Robotics Lab	2		
EET 213	Process Control and Instrumentation	3		
EET 224	Elements of Industrial Controls with PLCs	3		
EET 229	Elements of Industrial Controls with PLCs Lab	2		
EET 238	Process Control and Instrumentation Lab	2		
EET 276	Elements of Industrial Controls with PLCs II	3		
EET 277	Elements of Industrial Controls with PLC II Lab	2		
ELT 181	Special Topics in Electrical Technology	3		
ELT 182	Special Topics in Electrical Technology	3		
	ELT 183 or INT 129	3		
ELT 192	Practicum/Intern/Co-Op	1		
ELT 194	Practicum/Intern/Co-Op	3		
ELT 206	Osha Safety Standards	3		
ELT 232	Advanced Programmable Controllers	3		
ELT 234	PLC Applications	3		
ELT 241	National Electric Code	3		
ELT 242	Journeyman Master Prep Exam	3		
ELT 244	Conduit Bending and Installation	3		
ELT 286A	Co-Op	1		
ELT 286B	Co-Op	1		
ELT 286 C	Co-Op	1		
ELT 288	Co-Op	2		
INT 126	Preventative Maintenance	3		
INT 127	Principles of Industrial Pumps and Piping Systems	3		
INT 134	Principles of Industrial Maintenance Welding and Metal Cutting Techniques	3		
INT 139	Introduction to Robotic Programming	3		
INT 253	Industrial Robotics	3		
	INT 254 or ELT 254	3		
MDT 105	Introduction To Computer – Aided Design (CAD)	3		
SPH 106	Fundamentals of Oral Communication	3	EH 141	3 (if taken)
	TOTAL Hours	76		51

*INS 100+ and 200+ Electives do not count toward the 40 required hours of AHSS coursework in the Bachelor of Arts in Integrated Studies

Jacksonville State University

Bachelor of Arts in Integrated Studies

This chart shows the remaining courses and hours to be completed at JSU for the BA in Integrated Studies (120 total hours).

Course	Description	JSU Hours
MS 110	Finite Mathematics (or higher)	3
EH 141	Speech	3
EH 101	English Composition I	0
EH 102	English Composition II	3
	History Sequence	0**
	History Sequence	3
	Social or Behavioral Science	3**
	Social or Behavioral Science	3
	Literature	0*
	Fine Arts	3*
	Jax MIX Expression Course (Literature, Fine Art, Foreign Language, or Humanities)	3*
	Science with Lab	4
	Science with Lab	4
	Integrated Studies Support Courses 100+ and 200+ Level (43 hours) - MS 100 (3) - ORI 101 – Gen Elective 100+ (1) - EET, ELT, and/or INT Courses - INS 100+ and 200+ Electives – Technical Specialty Courses (38) - Must take one hour of AHSS coursework to get the required 40 hours	1
	Integrated Studies Major Courses (36 hours) 300- or 400-level coursework with a grade of C or better in each course	36
	TOTAL Hours	69

*The Area II Humanities and Fine Arts Elective taken at GSCC will count for one of these courses.

**The Area IV History, Social, and Behavioral Sciences Elective taken at GSCC will count for one of these courses.

Other Requirements:

- Students must complete a total of 40 hours of AHSS coursework beyond the Jax MIX General Education Curriculum.
 - Please see the JSU Undergraduate Catalog's entry for the [Bachelor of Arts in Integrated Studies](#) for more details, including a list of Arts, Humanities, Social Sciences, and Science (AHSS) subjects
- At least half of the bachelor's degree (60 hours) must be taken at a four-year institution
- At least 25% of the bachelor's degree must be taken at JSU
- A minimum of 36 hours must be taken at the 300/400 level with a C or better
- No more than 46 hours of nontraditional credit will be accepted
- JSU does not accept the following types of coursework for transfer: co-op, preceptorship, internship, clinical, practicum, directed study, or seminar.
- Each student's transcript will be evaluated for additional general education transfer credits. Additional Technical Specialty coursework may be transferred in as INS electives, as needed, in accord with all current JSU policies and practices.