

Snead State Community College

Transfer Pathway with Jacksonville State University

Articulation Agreement for Additive Manufacturing and Drafting Design Technology and Integrated Studies

This pathway reflects current curriculum for the AAS in Additive Manufacturing and Drafting Design Technology and the Bachelor of Arts degree in Integrated Studies.

Snead State Community College

Additive Manufacturing and Drafting Design Technology AAS

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

SSCC Item#	SSCC Course Title	SSCC 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				
Elective	ART 100, 203, 204; HUM 101; MUS 101; PHL 106, 206; REL 100, 151, 152; THR 120	3	Fine Art or Humanities	3
Area III: Natural Science and Mathematics				
Lab Science	BIO 103; CHM 104, 111; GEO 101; PHS 111; PHY 201 (Area III General Education course equivalencies are listed in the next set of columns – those not listed would count as electives)	4	BIO 103 = BY 101 & 103 CHM 111 = CY 105 & 107 GEO 101 = GY 250 & 252 PHY 201 = PHS 201 & 203	4
MTH 100 or higher level	Intermediate College Algebra Or higher level (MTH 100 comes in as an elective; If students take MTH 110 or MTH 112, it will come in as Gen. Ed.)	3	MTH 100 = MS 100 MTH 110 = MS 110 MTH 112 = MS 112 MTH 113 = MS 113 MTH 116 = Elective MTH 125 = MS 125	3
Area IV: History, Social, and Behavioral Sciences				
Elective	HIS, ECO, GEO 100, POL, PSY, SOC	3	History or Social Science	3
Area V: Pre-Professional, Major, and Elective Courses				
WKO 101	Workplace Skills Development	1	General Elective 100+	1
ADM 101 or MTT 127	Precision Measurement or Metrology	3	INS 100+ and 200+ Electives (Depends on MTH and Lab Science taken at SSCC)	35-42
ADM 106	Quality Control Concepts	3		
ADM 111	Manufacturing Safety Practices	3		
ADM 112	Orientation to Additive Manufacturing	1		
ADM 114	Design Innovation	3		
ADM 128	Plastic Material Processes	3		
ADM 130	Introduction to Materials and Finishes	3		
ADM 160	Additive Manufacturing Production Techniques	3		
ADM 161	Specialized Software Techniques	3		
ADM 162	Additive Manufacturing Processes - Polymers	3		
ADM 164	Additive Manufacturing Processes - Metals	3		
ADM 255	Application of Design (Capstone)	3		
ADM 261	Reverse Engineering	3		
DDT 111	Fundamentals of Drafting and Design Technology	3		
DDT 113 or MTT 121	Blueprint Reading or Basic Blueprint Reading for Machinists	3		
DDT 117	Manufacturing Processes	3		
DDT 127	Intermediate CAD	3		
DDT 144	Basic 3D Modeling	3		
Elective	ADM 283, INT, MTT, WDT	3		
	TOTAL Hours	71-72	Depends on MTH and Lab Science taken at SSCC	52-59

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	3
EH 102	English Composition II	3
	History Sequence	3**
	History Sequence	3
	Social or Behavioral Science	3**
	Social or Behavioral Science	3
	Literature	3
	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) • (MTH 100 = MS 100 would count here if not a Gen. Ed. Equivalent, 3 hours) • (Lab Science would count here if not a Gen. Ed. equivalent, 4 hours) • WKO 101 = General Elective 100+, 1 hour • ADM, MTT, DDT, INT, WDT Technical Specialty Courses = INS 100+ and 200+, 35-42 hours, depending on Math and Lab Science taken at SSCC	0
	Integrated Studies Major Courses (36 hours) • 300- or 400-level coursework with a grade of C or better in each course • At least 21 hours of the 300- or 400- level Integrated Studies Major Courses with a C or better must be AHSS.	36
	TOTAL Hours Depends on MTH and Lab Science taken at SSCC	61-68

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

**The Area IV History, Social, and Behavioral Sciences Elective taken at SSCC 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 43 hours of nontraditional credit will be accepted