

Gadsden State Community College

Transfer Pathway with Jacksonville State University

Articulation Agreement for Precision Machining and Integrated Studies

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

Gadsden State Community College

Precision Machining 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 numerically 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				
	MDT 100 OR MTT 121	3	INS 100+ Elective	3
	MTT 107 OR EET 100	3	INS 100+ Elective	3
MTT 127	Metrology	3	INS 100+ Elective	3
MTT 128	Geometric Dimensioning and Tolerancing	3	INS 100+ Elective	3
MTT 139	Basic Computer Numerical Control	3	INS 100+ Elective	3
MTT 147	Introduction to Machine Shop I	3	INS 100+ Elective	3
MTT 148	Introduction to Machine Shop I Lab	3	INS 100+ Elective	3
MTT 149	Introduction Machine Shop II	3	INS 100+ Elective	3
MTT 150	Introduction Machine Shop II Lab	3	INS 100+ Elective	3
ORI 101	Orientation to College	1	General Elective 100+	1
WKO 101	Workplace Skills Development I	1		
Additional Coursework – Choose 30 credit hours from the following list				
CIS 146	Computer Applications	3	CS 201	3 (if taken)
MDT 105	Introduction to Computer – Aided Design (CAD)	3	MDT and/or MTT Electives = INS 100+ and/or 200+ Electives	11**
MDT 147	Inventor CADD	3		
MDT 202	SOLIDWORKS CADD	3		
MDT 252	Advanced SolidWorks CADD	3		
MTT 108	Machine Handbook Functions I	3		
MTT 109	Orientation to Computer	3		
MTT 123	Engine Lathe Lab I	3		
MTT 124	Engine Lathe Lab II	3		
MTT 134	Lathe Operations I	3		
MTT 137	Milling I	3		
MTT 138	Milling I Lab	3		

MTT 140	Basic Computer Numerical Control Milling Programming I	3		
MTT 141	Basic Computer Numeric Control Milling Programming I	3		
MTT 154	Metallurgy	3		
MTT 162	Precision Grinding	3		
MTT 181	Special Topics in Machine Tool Technology	3		
MTT 202	Machine Maintenance and Repair	3		
MTT 219	Computer Numerical Control Graphics: Turning	3		
MTT 220	Computer Numerical Control Graphics: Milling	3		
MTT 221	Advanced Blueprint Reading for Machinists	3		
MTT 241	CNC Milling Lab I	3		
MTT 242	CNC Milling Lab II	3		
MTT 243	CNC Turning Lab I	3		
MTT 244	CNC Turning Lab II	3		
MTT 270	Machining Skills Application	3		
MTT 281	Special Topics in Machine Tool Technology	3		
MTT 286A	Co-Op	1		
MTT 286B	Co - Op	1		
MTT 286C	Co – Op	1		
MTT 288	Co – Op	2		
MTT 291	Cooperative Education in Machine Tool Technology	3		
MTT 292	Cooperative Education in Machine Tool Technology	3		
SPH 106	Fundamentals of Oral Communication	3	EH 141	3 (if taken)
	TOTAL Hours	74		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

**JSU does not accept the following types of coursework for transfer: co-op, preceptorship, internship, clinical, practicum, directed study, or seminar.

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) - MTT, MDT, and/or EET = INS 100+ and 200+ Electives – Technical Specialty Courses (38) - Must take one hour of AHSS coursework to get the required 40 hours (1)	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.