

Gadsden State Community College

Transfer Pathway with Jacksonville State University

Articulation Agreement for Mechanical Design Technology and Integrated Studies

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

Gadsden State Community College

Mechanical Design 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	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				
	CET 101 or EET 100	3	INS 100+ Elective	3
CET 215	Statics	3	INS 200+ Elective	3
CET 217	Strength of Materials	3	INS 200+ Elective	3
	MDT 100 or MTT 121	3	INS 100+ Elective	3
MDT 105	Introduction to Computer - Aided Design (CAD)	3	INS 100+ Elective	3
MDT 111	Mechanical Drawing	3	INS 100+ Elective	3
MDT 146	AutoCAD CADD	3	INS 100+ Elective	3
MDT 147	Inventor CADD	3	INS 100+ Elective	3
MDT 202	SOLIDWORKS CADD	3	INS 200+ Elective	3
MDT 211	Advanced Mechanical Drawings	3	INS 200+ Elective	3
MDT 221	Machine Design	3	INS 200+ Elective	3
ORI 101	Orientation to College	1	General Elective 100+	1
WKO 101	Workplace Skills Development I	1		
Additional Coursework – Choose 21 credit hours from the following list				
CIS 146	Computer Applications	3	CS 201	3 (if taken)
MDT 122	Architectural Drawing	3	MDT and/or MTT Electives = INS 100+ and/or 200+ Electives	5**
MDT 123	Architectural Drawing II	3		
MDT 187	Advanced Inventor CADD	3		
MDT 203	CREO CADD	3		
MDT 215A	Co – Op	1		
MDT 215B	Co – Op	1		
MDT 215C	Co – Op	1		
MDT 216	Co – Op	2		
MDT 217	Co – Op	3		
MDT 252	Advanced SolidWorks CADD	3		
MDT 261	HVAC and Pipe Systems Design	3		

MDT 271	Structural and Weld Design	3		
MDT 272	Electrical and Electronic Design	3		
MDT 280	3-D Studio Max	3		
MDT 293	Advanced Pro – Engineer	3		
MTT 127	Metrology	3		
MTT 128	Geometric Dimensioning and Tolerancing I	3		
MTT 181	Special Topics in Machine Tool Technology	3		
SPH 106	Fundamentals of Oral Communication	3	EH 141	3 (if taken)
	TOTAL Hours	71		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) - CET, EET, MDT, and/or MTT - 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.