



Computer Aided Drafting and Design Semester Plan

FIRST YEAR COURSE SCHEDULE				
	Fall Semester	Credits		
			Spring Semester	
			Credits	
	CAD 100-Intro to Computer Aided Drafting	3	CAD 200-Intermediate Computer Aided Drafting OR CAD 120-Intro to Architecture	4
	CAD 102-Drafting Fundamentals	4	CAD 201-Parametric Modeling OR CAD 220-Architectural Design	4
	CAD 112-Engineering Graphics	4	CAD 212-Industrial Drafting Processes OR CAD 252-Commercial Drafting	4
	MAT 116-Technical Math or higher	3	DPT 100-Intro to 3D Printing	3
Total Credit Hours		14	Total Credit Hours 15	

SECOND YEAR COURSE SCHEDULE				
	Fall Semester	Credits		
			Spring Semester	
			Credits	
	CAD 200-Intermediate Computer Aided Drafting OR CAD 120-Intro to Architecture	4	CAD 280-Special Problems for 3D Printing Level ¹	1
	CAD 201-Parametric Modeling OR CAD 220-Architectural Design	4	CAD 298-Practicum	3
	CAD 212-Industrial Drafting Processes OR CAD 252-Commercial Drafting	4	General Education ²	3
			DPT 150-Intro to Engineering Mechanics for 3D Print	3
Total Credit Hours		14	Total Credit Hours 10	

Completion of Diploma or Additional Requirements for AAS/GOTS Degree			
	Credits		Credits
General Education Component		Technical Component	
Quantitative Reasoning (MAT 105 excluded)	3	Technical Core**	22
Natural Sciences	3	Electives	23
Social/Behavioral Sciences	3	Subtotal	45
Heritage/Humanities	3	Total Credits for Degree (including General Education)	60
Written Communication	3		
Subtotal	15	Note: *Please refer to course catalog for complete listing of required Technical courses **The student must have a plan of study on file in the academic Affairs office. ***A combination of general education and technical Courses should not exceed 68 credits	

Note: Credit earned through certificate and diploma program/completion will be applicable toward the Associate of Applied Science in General Occupational/Technical Studies degree when consistent with the objectives of the student's individual plan of study.

¹A minimum of 19 credit hours of Technical Electives are required for the diploma.

²Choose one 3 hour general education course from the following areas:

Area 1 (written communication, oral communications or humanities/heritage). Please see your advisor for a list of approved courses.

³Computer/Digital literacy must be demonstrated either by competency exam or by completing a computer/digital literacy course.

To progress in the program a grade of "C" or better is required in each technical and mathematics course with maintenance of a 2.0 cumulative grade point average.