



Academic Map: Certificate of Achievement (CA) CADD Technology

Certificate of Achievement (C.A.) | 30 Total Credits* | CSN Degree Code: CADD-CT | Catalog Year: 2021-2022 | Industry, Manufacturing, Construction and Transportation Advanced and Applied Technologies Department of Media Technologies Jobs and Employment Information: <https://www.csn.edu/imctarea>

DESCRIPTION: This program provides students with the skills to plan, prepare, interpret technical drafting documents, and create additive manufacturing prototype models. Students develop these skills through computer-aided design and drafting (CADD) workstations and 3D printers.

TERM 1 – TOTAL CREDIT HOURS: 12

	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
MATH 104 B Applied Mathematics	3	None	GE Math	C	
CADD 100 Intro to Computer Aided Drafting	3	None	Special Prog Req	C	
CADD 140 Technical Drafting I	3	None	Special Prog Req	C	
CADD 245 Solid Modeling & Parametric Des	3	None	Special Prog Req	C	Mandatory Advising Required

TERM 2 – TOTAL CREDIT HOURS: 12

	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
COM 115 Applied Communications	3	None	Special Prog Req	C	
CADD 105 Intermed Computer Aided Drafting	3	CADD 100	Special Prog Req	C	
CAD 141B Technical Drafting II	3	CADD 140	Special Prog Req	C	
CAD 246B Solid Model & Parametric Des II	3	CADD 245	Special Prog Req	C	Mandatory Advising Required

TERM 3 – TOTAL CREDIT HOURS: 6

	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
CADD 250 CAD Systems Management	3	CADD 105 and COM 115	Special Prog Req	C	
CADD 299B CADD Capstone	3	Program Director Approval	Special Prog Req	C	Apply for Graduation

*Digital Literacy is required for this certificate program and can be achieved through taking IS100B or IS 101. Students taking IS 101 will take a total of 33 credits for Certificate Completion.

