



# Academic Map: Certificate of Achievement (CA) CADD Technology

**Certificate of Achievement (C.A.) | 30 Total Credits\* | CSN Degree Code: CADD-CT | Catalog Year: 2022-2023 |**

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**

	<b><u>Credits</u></b>	<b><u>Pre-Requisite/Co-Requisite</u></b>
MATH 104 B Applied Mathematics	3	None
CADD 100 Intro to Computer Aided Drafting	3	None
CADD 140 Technical Drafting I	3	None
CADD 245 Solid Modeling & Parametric Des	3	None

<b><u>Area</u></b>	<b><u>Min Grade</u></b>	<b><u>Milestones and Notes</u></b>
Special Prog req	C	
Special Prog Req	C	
Special Prog Req	C	
Special Prog Req	C	Mandatory Advising Required

## **TERM 2 – TOTAL CREDIT HOURS: 12**

	<b><u>Credits</u></b>	<b><u>Pre-Requisite/Co-Requisite</u></b>
COM 115 Applied Communications	3	None
CADD 105 Intermed Computer Aided Drafting	3	CADD 100
CAD 141B Technical Drafting II	3	CADD 140
CAD 246B Solid Model & Parametric Des II	3	CADD 245

<b><u>Area</u></b>	<b><u>Min Grade</u></b>	<b><u>Milestones and Notes</u></b>
GE Com	C	
Special Prog Req	C	
Special Prog Req	C	
Special Prog Req	C	Mandatory Advising Required

## **TERM 3 – TOTAL CREDIT HOURS: 6**

	<b><u>Credits</u></b>	<b><u>Pre-Requisite/Co-Requisite</u></b>
CADD 250 CAD Systems Management	3	CADD 105 and COM 115
CADD 299B CADD Capstone	3	Program Director Approval

<b><u>Area</u></b>	<b><u>Min Grade</u></b>	<b><u>Milestones and Notes</u></b>
Special Prog Req	C	
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.