



**SECTION II: GENERAL CE INFORMATION**

Name of the institution of Higher Education:

Arapahoe Community College (ACC)

This proposal is for a:                      Single Course  
   Program (Multiple Courses)

*If this is a Program Proposal, skip to [Section II](#).*

If this is a single course, does it fit into an existing program?       Yes                                       No

If yes, what is the program name?

**Engineering**

*If this is a single course skip to [SECTION IV: Concurrent Education Program Course Information](#)*

---

**SECTION III: CONCURRENT ENROLLMENT PROGRAM INFORMATION**

**Name of CE Program:**

**Computer Aided Drafting - Architecture, Certificate - Academic Plan  
&  
CIP 141901 (EMEC) Associate of Engineering Science (AES)**

**A. Provide a brief overview of the Program**

The Computer-Aided Drafting Certificate prepares students for advanced levels of Computer-Aided Design (CAD) within industry, utilizing the latest hardware and software releases. It can be completed within one year. This certificate prepares students to perform 2D and 3D design within CAD and other CAD-related software.

**B. How does this CE Program fit into the overall educational program?**

The 2456 Advanced Class is an extension of the first Solidworks 2455 class. This advancement leads to a potential six other certifications—in Drawing Tools, Mold Making, Surfacing, Sheet Metal, Welding, and eventually the Certified Solidworks Expert Certification.

**C. What benefits would our students receive from this program?**

Potential for students to earn 6 other certifications - in Drawing Tools, Mold Making, Surfacing, Sheet Metal, Weldments, and eventually the Certified Solidworks Expert Certification.

Provide a flow chart or table that indicates the courses students would take within the program. For existing courses include the course number from IC and the course name as it appears in IC. For new courses write the course number and name in **GREEN** font color that is provided from the institution of higher learning.

*\*\* Other courses maybe added or changed within the program, based upon the need of students or program modifications.*

*Name of Program: Engineering*

<i>Semester 1:</i>	<i>Semester 2:</i>
Year 1: CTE Principles of Engineering and Technology	CTE Intro to Engineering Design

Year 2: CE ACC CAD 2455 Solidworks	CE ACC CAD 2660 3D Printing/Additive Manf.
Year 3: CE ACC CAD 2456 Advanced Solidworks	CTE Internship/Tech Support/WBL
Year 4: CTE CAPSTONE	CTE Internship/Tech Support/WBL

**SECTION IV: CONCURRENT EDUCATION PROGRAM COURSE INFORMATION**

For all newly proposed courses, provide the following information from the institution of high education: Higher Education Course Number & Title, Higher Education Course Description, Amount of College Credit, Prerequisite(s), and Credit Type Earned

New Courses:

A. Higher Education Course Number & Title	ACC-CAD 2456 Advanced Solidworks
B. Higher Education Course Description	Introduces advanced applications of the 3D parametric software SolidWorks. Focuses include management of design data, advanced assembly, analysis of model creations, documentation of bill of materials and parts lists, rendering, animation, and dynamic simulation and testing a model assembly.
C. Amount of College Credit	3 Credits
D. Prerequisite(s)	CAD 2455 - Solidworks
E. Credit Type Earned	PRA

**SECTION V: DCSD SYSTEM APPROVAL**

At this stage of the process, the course proposal is submitted to the relevant stakeholders for final review. Approval is indicated by providing a signature and date.

**A. Building Administrator:**

Name:	Rob Ceglie	School:	Mountain Vista HS
Signature:	<u>Rob Ceglie</u>	Date:	<u>Oct 21 2024</u>

**B. Coordinator of Postsecondary Readiness:**

Name:	Dan McMinimee	Date:	<u>Oct 21 2024</u>
Signature:	<u>Dan McMinimee</u>		

**C. Director of Curriculum, Instruction, & Assessment:**

Name:	Erica Mason	Date:	<u>Oct 21 2024</u>
Signature:	<u>Erica Mason</u>		

**D. Executive Director of Schools:**

Name:	Ian Wells	Date:	<u>Oct 21 2024</u>
Signature:	<u>Ian Wells</u>		

**E. Learning Services Officer:**

Name:	Matt Reynolds	Date:	<u>Oct 21 2024</u>
Signature:	<u>Matt Reynolds</u>		

**F. Assistant Superintendent:**

Name:	Danny Winsor	Date:	<u>Oct 21 2024</u>
Signature:	<u>Danny Winsor</u>		

**SECTION VI: BOARD OF EDUCATION APPROVAL**

This proposal has been submitted and thoroughly reviewed by DCSD Staff. It has been determined to meet all necessary criteria and is now ready for the Board's review and approval.

**Does the DCSD Board of Education approve the adoption of the proposed course/program?**

- Yes       No

BOE President Signature: \_\_\_\_\_

Date of BOE Meeting: \_\_\_\_\_

---

**Section VII: ACADEMIC SYSTEMS COURSE BUILD**

This section is utilized by the Academic Systems Team to build the course within Infinite Campus (IC). Once the process is complete, both the requestor and the building principal will be notified. Additionally, the appropriate contacts at each school will be informed of the new course offering.

Office use	Input	Entered by:
Credit type(s): ( <i>Fine Art, Science, Practical Arts, etc.</i> )	<b><i>PRA</i></b>	
Department Code:	<b><i>EGR</i></b>	
Course Number:	<b><i>69076</i></b>	
Date entered in Infinite Campus database:		
Course Mapping SCED Code:	<b><i>21 107</i></b>	
Course entered in NCAA database (if applicable):	<b><i>N/A</i></b>	
Lock Program ID VIP code:	<b><i>N/A</i></b>	
Lock VE CIP code:	<b><i>140101</i></b>	
Add to HEAR list Yes or No	<b><i>N/A</i></b>	






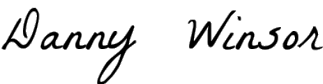
## Document Details

<b>Title</b>	Request for Review and Approval: IGA-E-1 Course Proposal Submission for Concurrent Enrollment
<b>File Name</b>	_IGA-E-1_ACC-CAD 2456 Advanced Solidworks.docx.pdf
<b>Document ID</b>	b618080a8e9f4809b3b847e02351ce23
<b>Fingerprint</b>	99b79daf632e7b0698fb5ef8ceb935e0
<b>Status</b>	<span style="background-color: #28a745; color: white; padding: 2px 5px;">Completed</span>

## Document History

<b>Document Created</b>	Document Created by Philip Ranford (pgranford@dcsdk12.org) Fingerprint: 685112128e254fe93266d198a8fb1baf	Oct 21 2024 11:59AM America/Denver
<b>Document Sent</b>	Document Sent to Rob Ceglie (lrceglie@dcsdk12.org)	Oct 21 2024 11:59AM America/Denver
<b>Document Viewed</b>	Document Viewed by Rob Ceglie (lrceglie@dcsdk12.org) IP: 66.85.41.58	Oct 21 2024 11:59AM America/Denver
<b>Document Viewed</b>	Document Viewed by Rob Ceglie (lrceglie@dcsdk12.org) IP: 108.62.233.181	Oct 21 2024 11:59AM America/Denver
<b>Document Viewed</b>	Document Viewed by Rob Ceglie (lrceglie@dcsdk12.org) IP: 52.22.195.16	Oct 21 2024 11:59AM America/Denver
<b>Document Signed</b>	Document Signed by Rob Ceglie (lrceglie@dcsdk12.org) IP: 66.85.41.58  <i>Rob Ceglie</i>	Oct 21 2024 11:59AM America/Denver
<b>Document Sent</b>	Document Sent to Dan McMinimee (dmcmimee@dcsdk12.org)	Oct 21 2024 11:59AM America/Denver

<b>Document Viewed</b>	Document Viewed by Dan McMinimee (dmcmimimee@dcsdk12.org) IP: 66.85.41.187	Oct 21 2024 12:05PM America/Denver
<b>Document Viewed</b>	Document Viewed by Dan McMinimee (dmcmimimee@dcsdk12.org) IP: 44.210.11.45	Oct 21 2024 12:05PM America/Denver
<b>Document Signed</b>	Document Signed by Dan McMinimee (dmcmimimee@dcsdk12.org) IP: 66.85.41.187 	Oct 21 2024 12:06PM America/Denver
<b>Document Sent</b>	Document Sent to Erica Mason (elmason@dcsdk12.org)	Oct 21 2024 12:06PM America/Denver
<b>Document Viewed</b>	Document Viewed by Erica Mason (elmason@dcsdk12.org) IP: 66.85.41.187	Oct 21 2024 12:13PM America/Denver
<b>Document Viewed</b>	Document Viewed by Erica Mason (elmason@dcsdk12.org) IP: 18.210.166.223	Oct 21 2024 12:13PM America/Denver
<b>Document Viewed</b>	Document Viewed by Erica Mason (elmason@dcsdk12.org) IP: 38.132.96.52	Oct 21 2024 12:13PM America/Denver
<b>Document Signed</b>	Document Signed by Erica Mason (elmason@dcsdk12.org) IP: 66.85.41.187 	Oct 21 2024 12:20PM America/Denver
<b>Document Sent</b>	Document Sent to Ian Wells (iwwells1@dcsdk12.org)	Oct 21 2024 12:20PM America/Denver
<b>Document Viewed</b>	Document Viewed by Ian Wells (iwwells1@dcsdk12.org) IP: 66.85.41.73	Oct 21 2024 01:16PM America/Denver
<b>Document Signed</b>	Document Signed by Ian Wells (iwwells1@dcsdk12.org) IP: 66.85.41.73 	Oct 21 2024 01:16PM America/Denver
<b>Document Sent</b>	Document Sent to Matt Reynolds (mjreynolds@dcsdk12.org)	Oct 21 2024 01:16PM America/Denver

<b>Document Viewed</b>	Document Viewed by Matt Reynolds (mjreynolds@dcsdk12.org) IP: 66.85.41.190	Oct 21 2024 01:41PM America/Denver
<b>Document Viewed</b>	Document Viewed by Matt Reynolds (mjreynolds@dcsdk12.org) IP: 44.221.229.62	Oct 21 2024 01:41PM America/Denver
<b>Document Signed</b>	Document Signed by Matt Reynolds (mjreynolds@dcsdk12.org) IP: 66.85.41.190 	Oct 21 2024 01:42PM America/Denver
<b>Document Sent</b>	Document Sent to Danny Winsor (drwinsor@dcsdk12.org)	Oct 21 2024 01:42PM America/Denver
<b>Document Viewed</b>	Document Viewed by Danny Winsor (drwinsor@dcsdk12.org) IP: 66.85.41.187	Oct 21 2024 02:19PM America/Denver
<b>Document Viewed</b>	Document Viewed by Danny Winsor (drwinsor@dcsdk12.org) IP: 18.211.120.206	Oct 21 2024 02:19PM America/Denver
<b>Document Viewed</b>	Document Viewed by Danny Winsor (drwinsor@dcsdk12.org) IP: 37.221.112.82	Oct 21 2024 02:20PM America/Denver
<b>Document Viewed</b>	Document Viewed by Danny Winsor (drwinsor@dcsdk12.org) IP: 66.85.41.187	Oct 21 2024 03:42PM America/Denver
<b>Document Signed</b>	Document Signed by Danny Winsor (drwinsor@dcsdk12.org) IP: 66.85.41.187 	Oct 21 2024 03:42PM America/Denver
<b>Document Completed</b>	This document has been completed. Fingerprint: 99b79daf632e7b0698fb5ef8ceb935e0	Oct 21 2024 03:43PM America/Denver