

# Solid Edge Certification Exam Guide

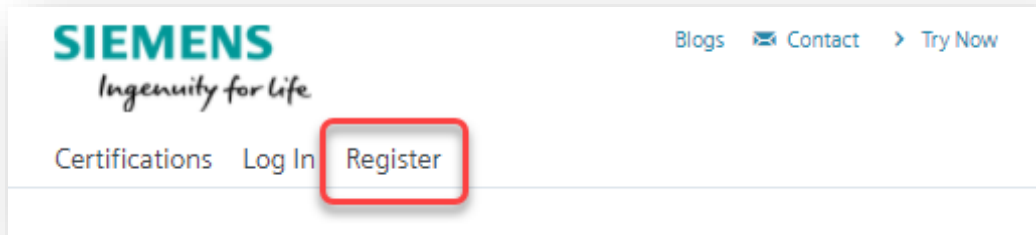
For Solid Edge Associate, Professional and Expert Level  
Certifications

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## Register

- Register for an account



- If you have a Siemens account, sign in with your email and password.
- If you don't have a Siemens account, click the option to **create an account**.

## SIEMENS

### Sign In

[or create an account](#)

**Sign In has changed.** If you previously signed in with a username, please use your email [Need help?](#)

Email

user@domain.com

Password

[Show](#)

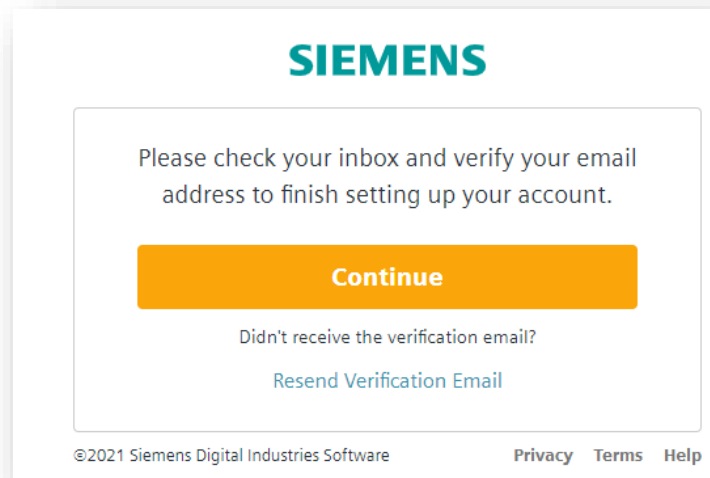
Enter your password

[Forgot your password?](#)

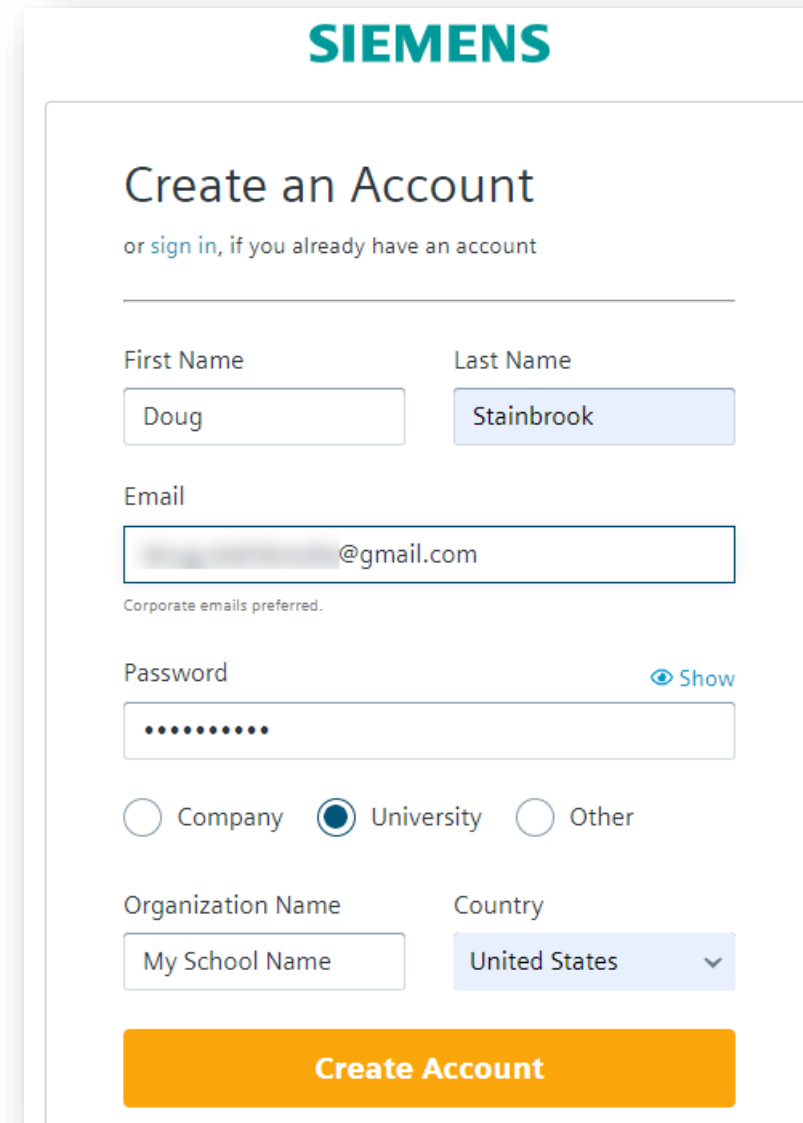
**Sign In**

## Register

- Type in your information to create an account.
  - Name
  - Email Address
  - School, Company, or Organization
- Check your Email!



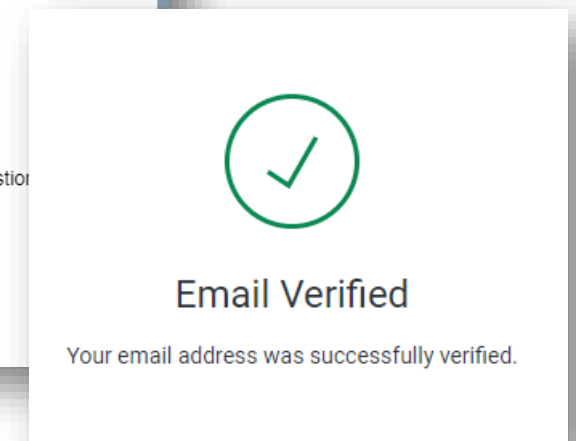
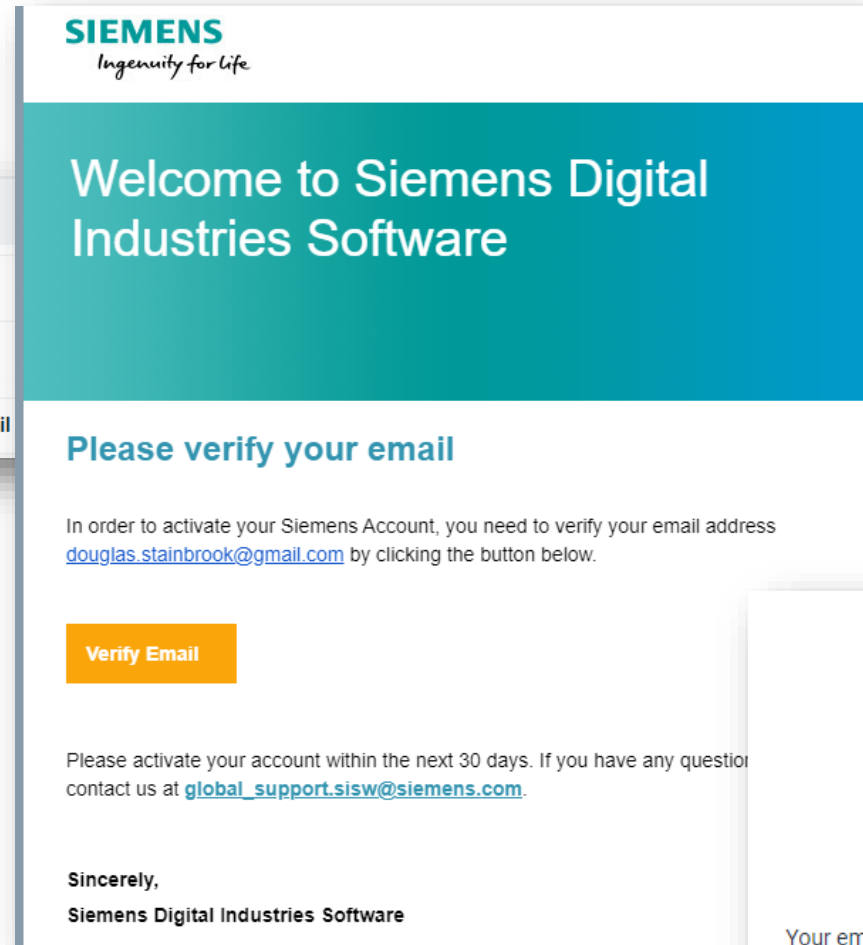
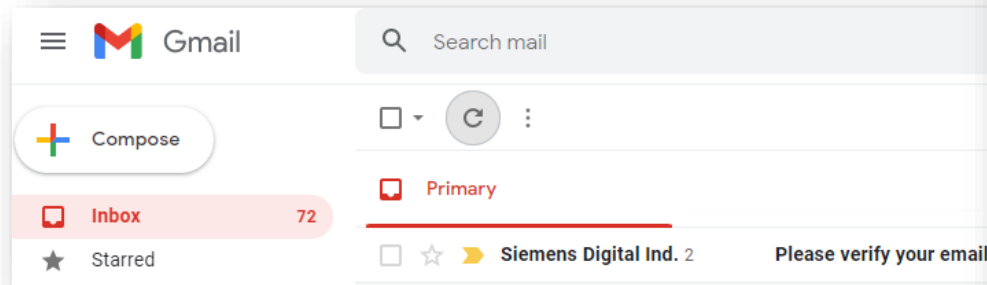
The image shows a Siemens registration verification screen. At the top is the Siemens logo. Below it, a message says "Please check your inbox and verify your email address to finish setting up your account." There is a large orange "Continue" button. Below the button, it says "Didn't receive the verification email?" and "Resend Verification Email" with a link. At the bottom, there is a copyright notice "©2021 Siemens Digital Industries Software" and links for "Privacy", "Terms", and "Help".



The image shows the Siemens "Create an Account" form. At the top is the Siemens logo. Below it, the title "Create an Account" is followed by the text "or sign in, if you already have an account". The form has several input fields: "First Name" (with "Doug" entered), "Last Name" (with "Stainbrook" entered), "Email" (with a blurred email address and "@gmail.com" entered), "Password" (with masked characters and a "Show" link), "Organization Name" (with "My School Name" entered), and "Country" (with "United States" selected from a dropdown). There are also radio buttons for "Company", "University" (which is selected), and "Other". At the bottom is a large orange "Create Account" button.

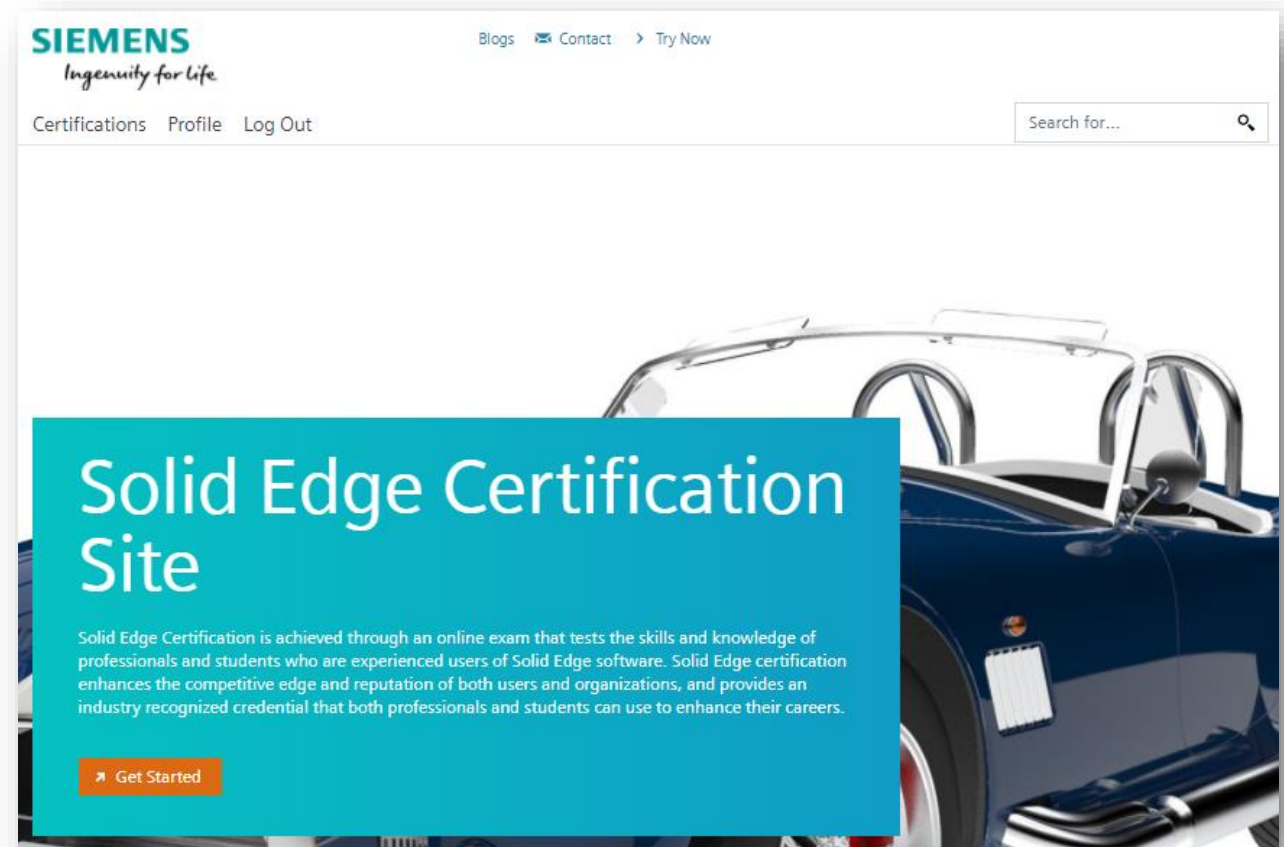
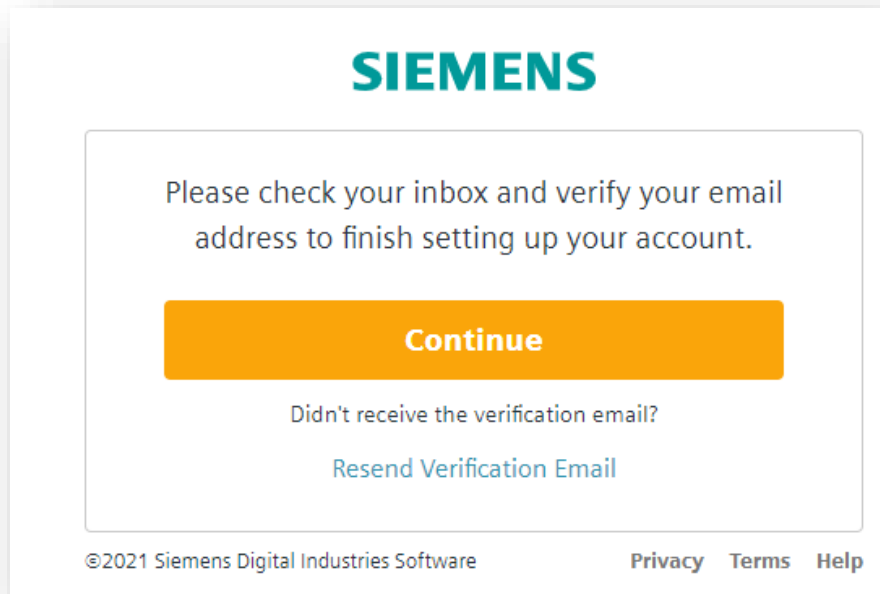
# Register

- Open your email!
- Click Verify Email



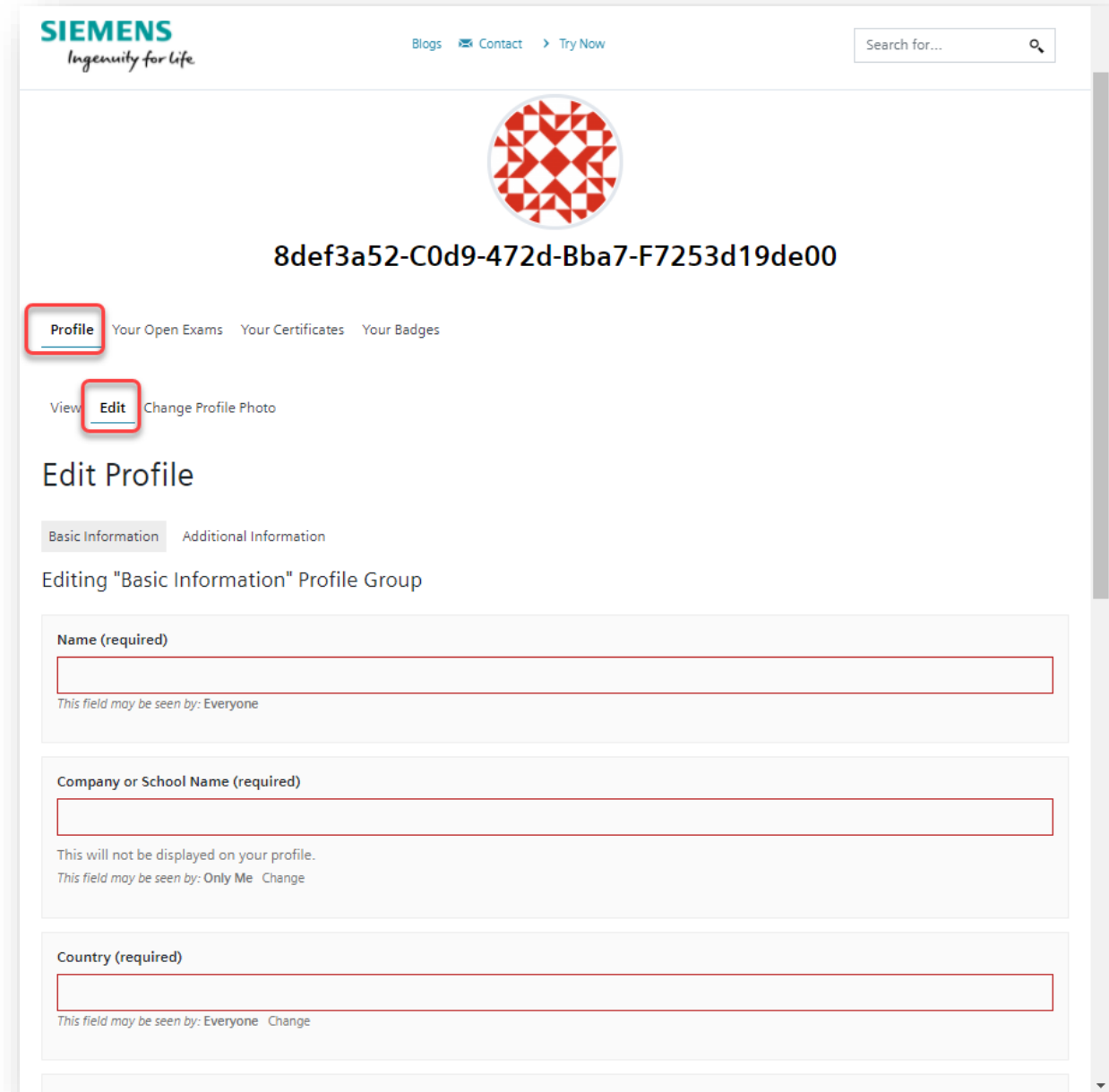
## Register

- Click Continue and you will be logged in.
- You will know you are logged in if you see the **Log Out** option.



## Your Profile

- Be sure to click **Profile** > **Edit** to add your name and basic information.
- This is the name that will appear on the certificate once completed.
- Failure to do this will result in a certificate with the alphanumeric code assigned to your profile printed on the certificate instead of your name.



The screenshot shows the Siemens user interface. At the top left is the Siemens logo with the tagline 'Ingenuity for Life'. To the right are links for 'Blogs', 'Contact', and 'Try Now', along with a search bar. Below the header is a circular profile picture placeholder with a red and white geometric pattern. Underneath the picture is the alphanumeric code '8def3a52-C0d9-472d-Bba7-F7253d19de00'. A navigation bar contains links for 'Profile', 'Your Open Exams', 'Your Certificates', and 'Your Badges'. The 'Profile' link is highlighted with a red box. Below this is a sub-navigation bar with 'View' and 'Edit' (highlighted with a red box) next to the text 'Change Profile Photo'. The main section is titled 'Edit Profile' and has two tabs: 'Basic Information' (selected) and 'Additional Information'. Below the tabs is the heading 'Editing "Basic Information" Profile Group'. There are three form fields, each with a red border and a red outline: 1. 'Name (required)' with a text input field and the note 'This field may be seen by: Everyone'. 2. 'Company or School Name (required)' with a text input field, the note 'This will not be displayed on your profile.', and the note 'This field may be seen by: Only Me' with a 'Change' link. 3. 'Country (required)' with a text input field and the note 'This field may be seen by: Everyone' with a 'Change' link.

## Enroll

- The next step is to enroll in a certification.

**SIEMENS**  
*Ingenuity for life*

Blogs Contact Try Now

Certifications Profile Log Out

Search for...

### Solid Edge Associate Level Certification

| Current Status | Price | Get Started   |
|----------------|-------|---------------|
| NOT ENROLLED   | Free  | <b>Enroll</b> |

Enrolling in this course will allow you to take the Solid Edge Associate Level exam.

**SIEMENS**  
Siemens Digital Industries Software

#TodayMeetsTomorrow

f t in i+ y

**Solutions**  
Cloud  
Mendix  
Mentor  
MindSphere  
Siemens PLM  
View all portfolio

**Explore**  
Digital Journeys  
Community  
Online Store  
Digital Engineering Services

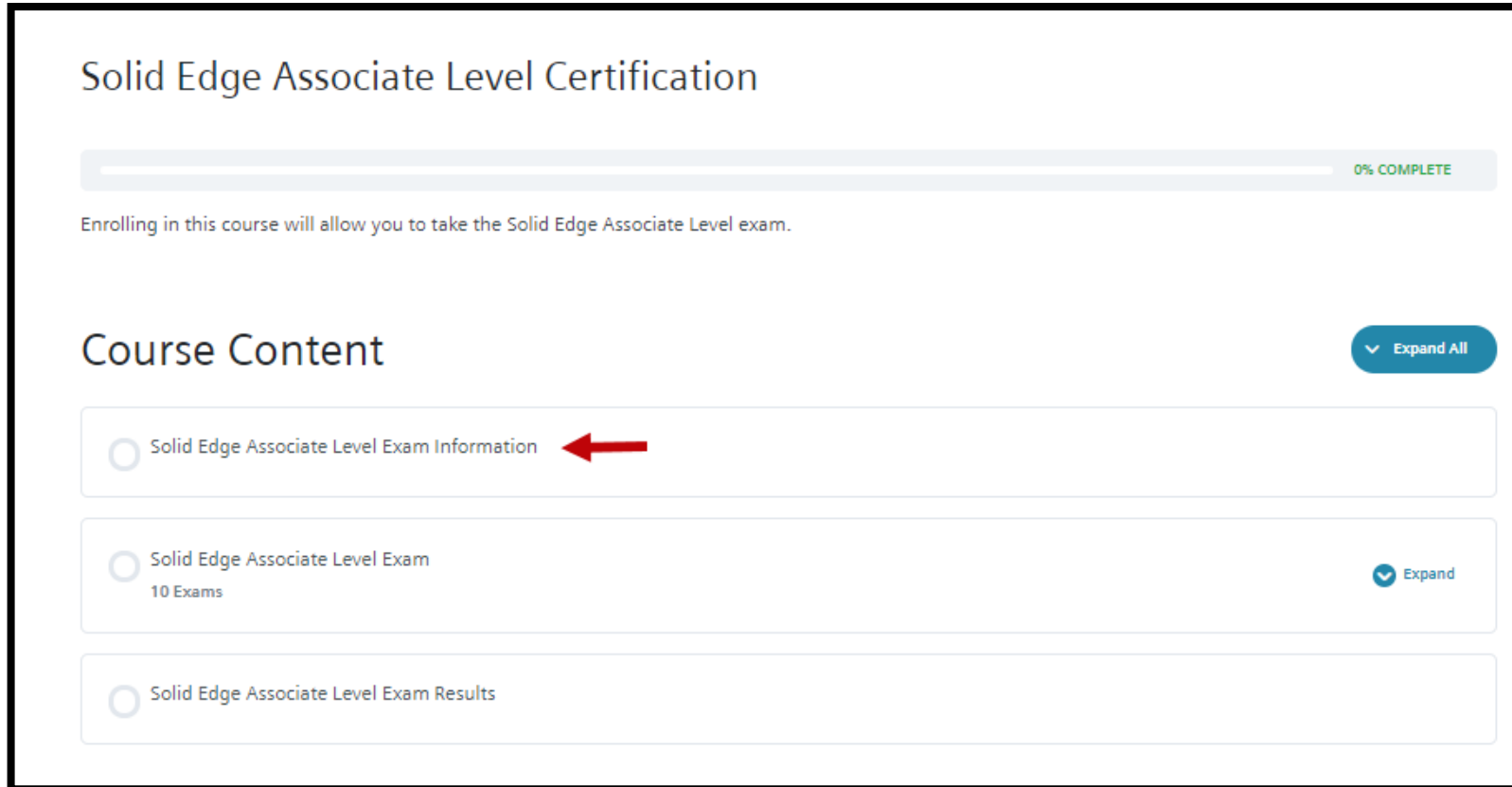
**Siemens**  
About Us  
Careers  
Events  
News and Press  
Customer Stories

**Contact Us**  
USA:  
+1 800 498 5351  
See our Worldwide Directory  
Contact Us →  
Support Center →



## Course Content

- Once enrolled you will see three entries in the Course Content
- Select the exam level “Information” first.




The screenshot displays the 'Solid Edge Associate Level Certification' course page. At the top, a progress bar indicates '0% COMPLETE'. Below this, a message states: 'Enrolling in this course will allow you to take the Solid Edge Associate Level exam.' The 'Course Content' section is visible, featuring three items: 'Solid Edge Associate Level Exam Information' (highlighted with a red arrow), 'Solid Edge Associate Level Exam' (labeled '10 Exams' and with an 'Expand' button), and 'Solid Edge Associate Level Exam Results'. An 'Expand All' button is located in the top right corner of the course content area.

Solid Edge Associate Level Certification

0% COMPLETE

Enrolling in this course will allow you to take the Solid Edge Associate Level exam.

Course Content Expand All

- ☐ Solid Edge Associate Level Exam Information 
- ☐ Solid Edge Associate Level Exam  
10 Exams Expand
- ☐ Solid Edge Associate Level Exam Results

## Exam Info

- Carefully read the exam information and select “Continue” to complete the information section of the exam.

### Solid Edge Associate Level Exam Information

[Solid Edge Associate Level Certification](#) > [Solid Edge Associate Level Exam Information](#) IN PROGRESS

You are about to begin your Solid Edge Associate Level Certification Exam. Your questions are randomized.

Please read the following information carefully.

- Be sure you are either using the latest academic version of Solid Edge or the [free student downloads](#).
- Once you begin, your timer will start and count down whenever you are actively completing a section. You will have three hours (180 minutes) to submit the exam. If the timer runs out, your *saved* answers will be submitted and the rest will not. **Please be mindful of your start time and the time remaining.**
- Your progress will be saved as you complete each section of the exam. You will see a page that is indicating it is recording your answers, then you can continue.
- After completing all of the exam questions, you will be presented with your results with either your passing grade and certificate or further instructions.

If you are experiencing any technical issues or have questions, please contact your proctor or use our [contact form](#) before taking the exam.

If you have not done so already, you must complete the [Name and School or Organization](#) field in your user profile. If you do not, then your name will not appear on your certificate should you successfully pass the exam

Continue

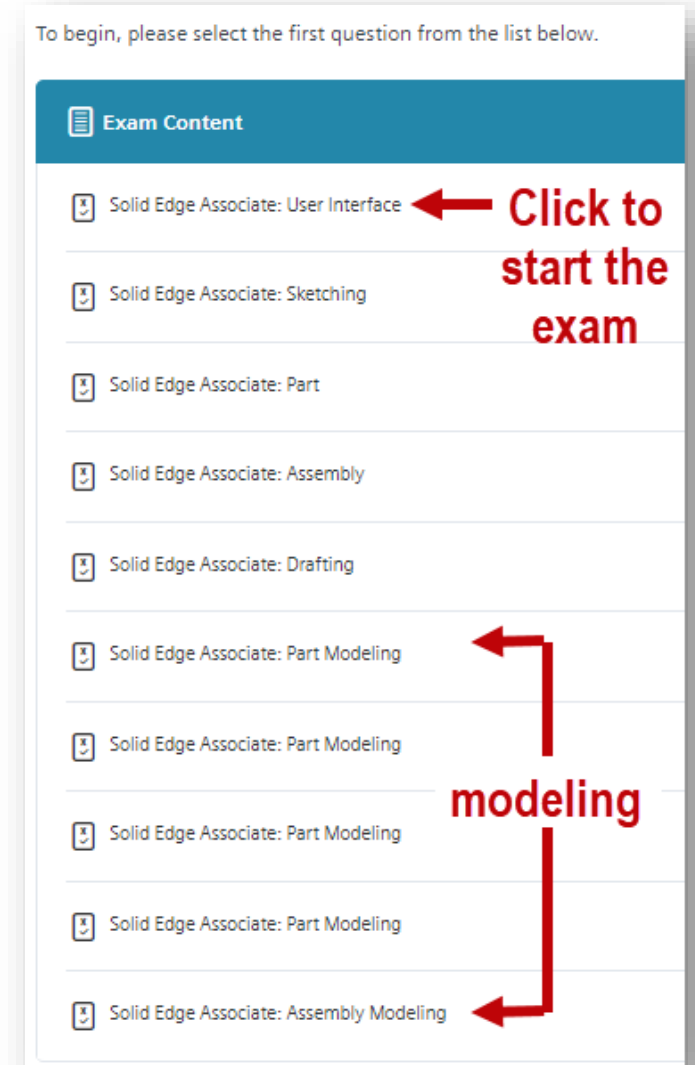
Back to Course

←

Next Section >

## Exam Workflow

- Next you will see all the sections for the exam level.
- “Part Modeling” indicates you will use Solid Edge to model parts.
- “Assembly Modeling” indicates you will use Solid Edge to assemble components you download from a Zip file from within the section.
- All other sections indicate areas of the product for which you will be asked randomized multiple-choice questions.
  - Associate and Professional levels will ask 6 questions in each section.
  - Expert level will ask 10 questions in each section.
- Click the first section to start the exam.

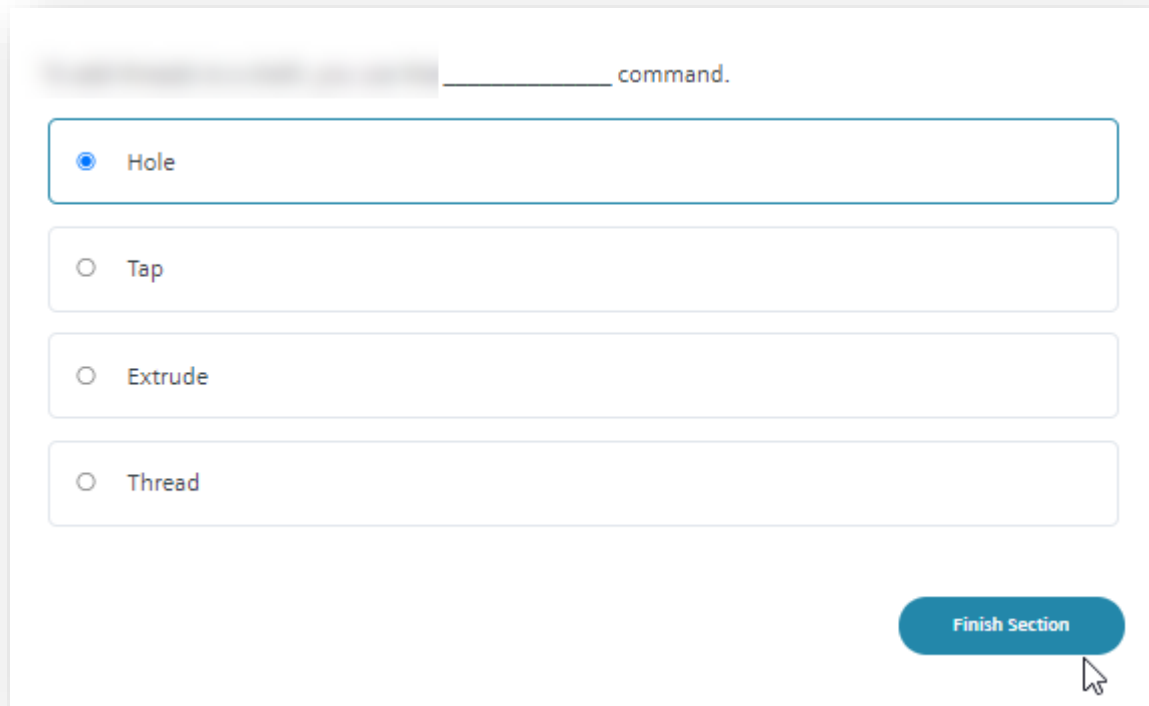


## Knowledge-Based Questions

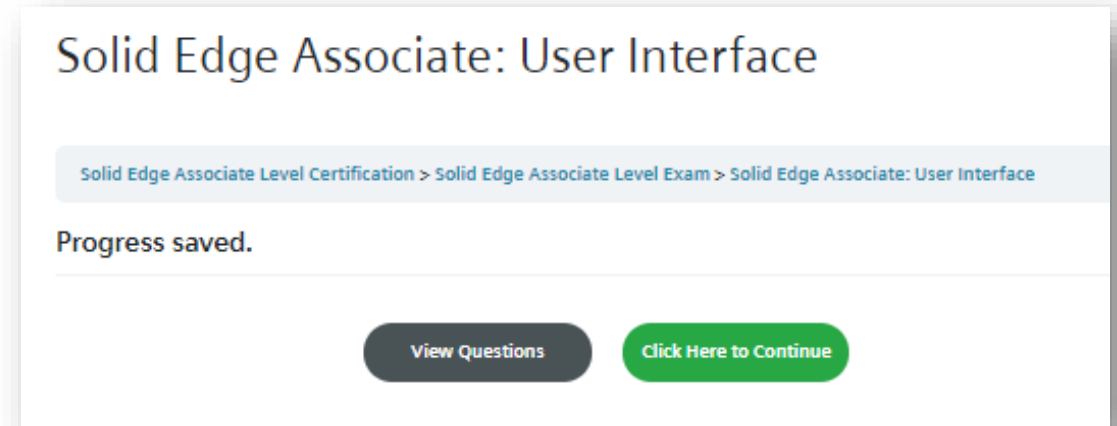
- Random questions will appear related to the sections:
  - User Interface
  - Sketching (Associate Level only)
  - Part
  - Sheet Metal (Professional and Expert Levels only)
  - Assembly
  - Draft
- Answer each question by selecting one of the possible randomized answers.

## Knowledge-Based Questions

- Review your answers carefully for each section before clicking “Finish Section”.
- **Clicking the Finish Section button will lock in your answers for that section and your answers cannot be changed.**
- **Grading for that section will occur immediately on completion of the section.**



A screenshot of a question interface for the Solid Edge Associate Level Exam. At the top, there is a text input field with a blurred label and a placeholder text "\_\_\_\_\_command.". Below this, there are four radio button options: "Hole" (selected), "Tap", "Extrude", and "Thread". At the bottom right of the form, there is a blue button labeled "Finish Section" with a mouse cursor hovering over it.



A screenshot of the "Solid Edge Associate: User Interface" exam page. The page title is "Solid Edge Associate: User Interface". Below the title, there is a breadcrumb trail: "Solid Edge Associate Level Certification > Solid Edge Associate Level Exam > Solid Edge Associate: User Interface". A message "Progress saved." is displayed. At the bottom, there are two buttons: "View Questions" (dark grey) and "Click Here to Continue" (green).

# Exam Workflow

- Time spent in the exam answering questions is displayed as well as the number of questions you answered correctly.
- If you want to see which ones you got correct and which ones you got wrong, select “View Questions” for a quick look at grading for that section.
- Press “Click Here to Continue” to progress to the next section.

## Solid Edge Associate: User Interface

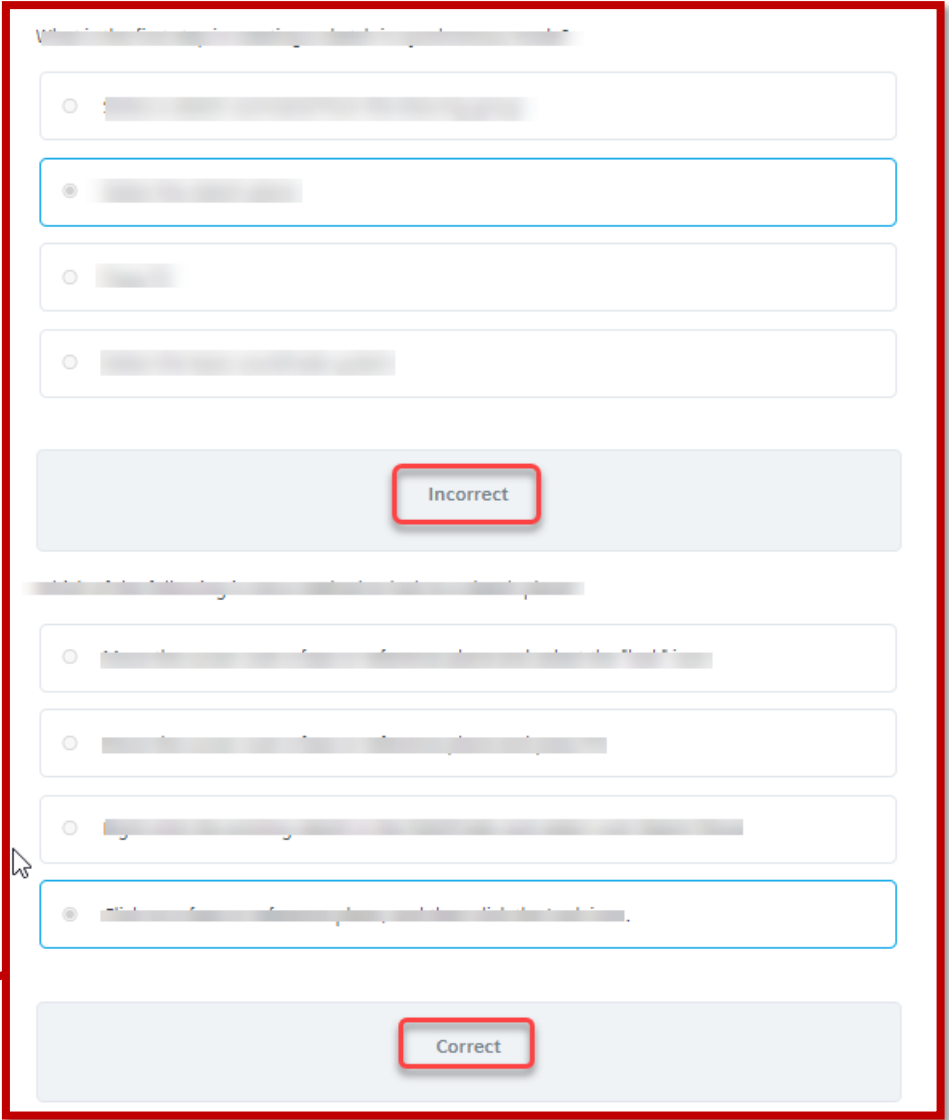
The total time allotted for this exam is 180 minutes.  
Of the time allowed you have spent 0 minutes, and have 180 minutes remaining.  
This information will be updated at the start of the next section.

Solid Edge Associate Level Certification > Solid Edge Associate Level Exam > Solid Edge Associate: User Interface

Progress saved.  
5 of 6 Questions answered correctly  
Your time: 00:11:32

You have reached 15 of 18 point(s), (83.33%)

[View Questions](#) [Click Here to Continue](#)




## Exam Workflow

- When the next section starts you will see the updated time spent and time remaining to complete the exam.

### Solid Edge Associate: Sketching

The total time allotted for this exam is 180 minutes.

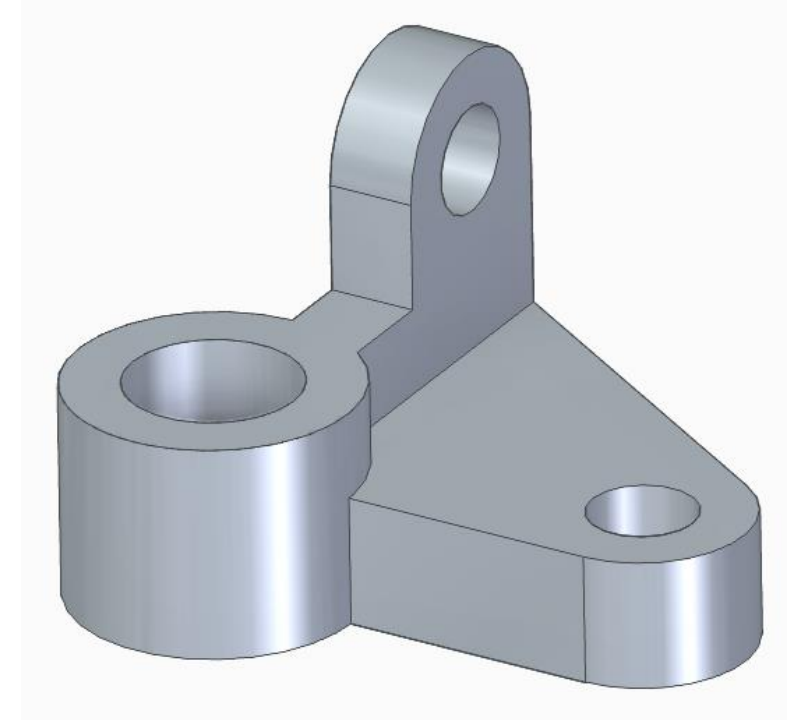
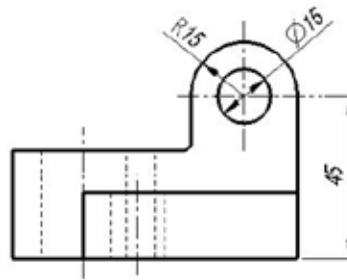
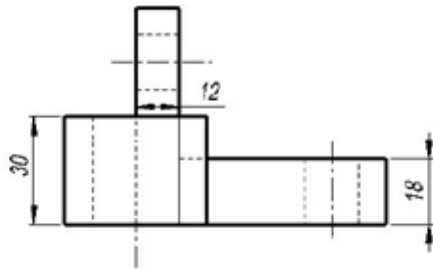
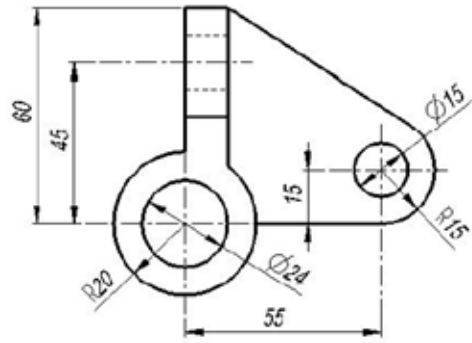
Of the time allowed you have spent 12 minutes, and have 168 minutes remaining. 

This information will be updated at the start of the next section.

[Solid Edge Associate Level Certification](#) > [Solid Edge Associate Level Exam](#) > [Solid Edge Associate: Sketching](#)

## Modeling Questions Requesting Volume

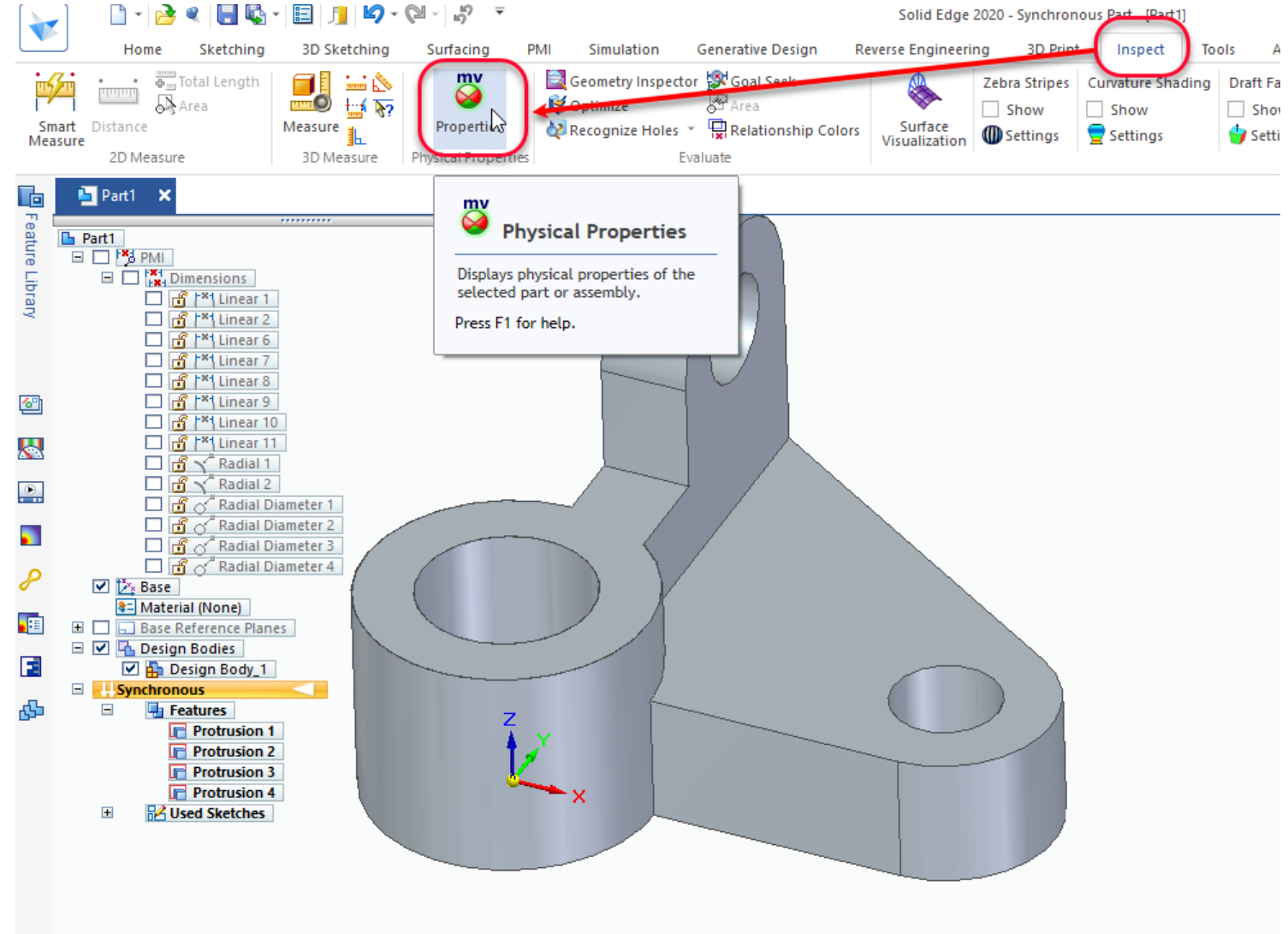
- Model the part to the dimensions specified in the test question.





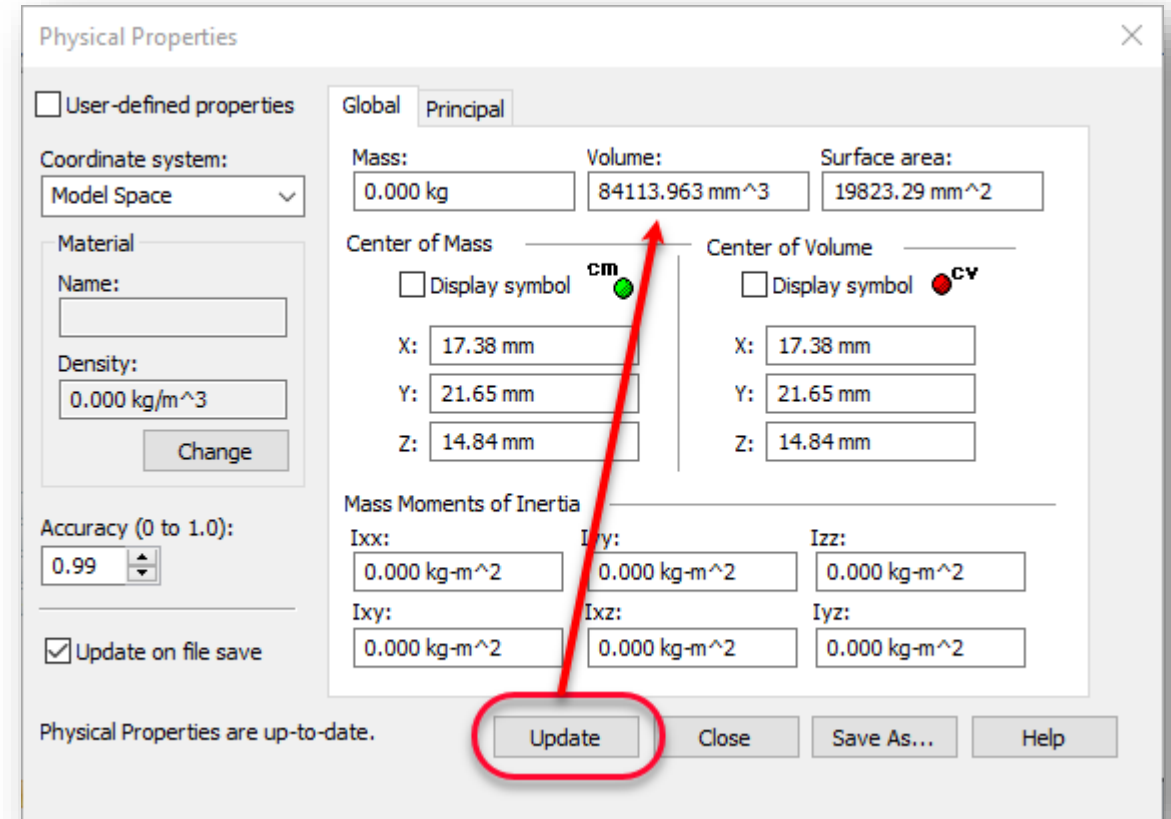
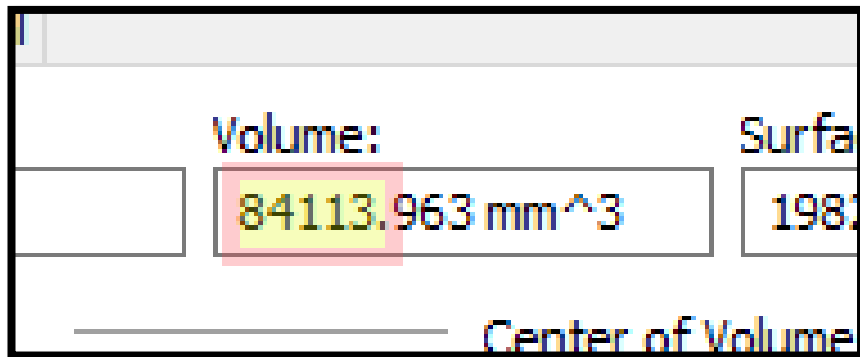
## Modeling Questions Requesting Volume

- From the Inspect tab, select the Physical Properties command



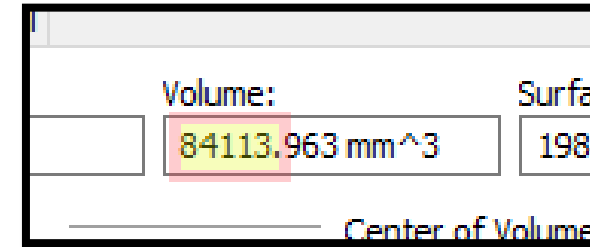
## Modeling Questions Requesting Volume

- Select the Update button on the dialog.
- If you have not assigned a material, you can ignore the warning message.
- Note the whole number in the Volume field
- In this example: **84113**



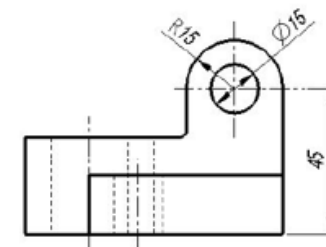
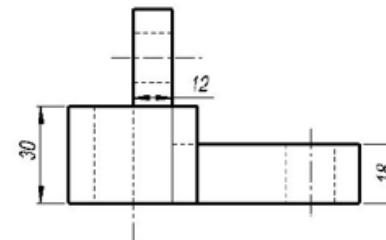
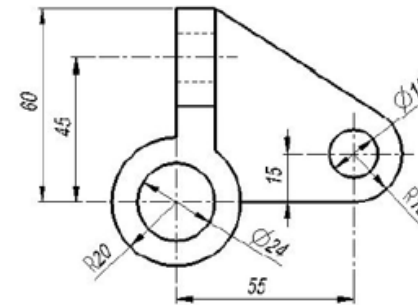
## Modeling Questions Requesting Volume

- Select the multiple-choice answer where the value you generated falls within the high and low range.
- In this example your answer is: **84113**



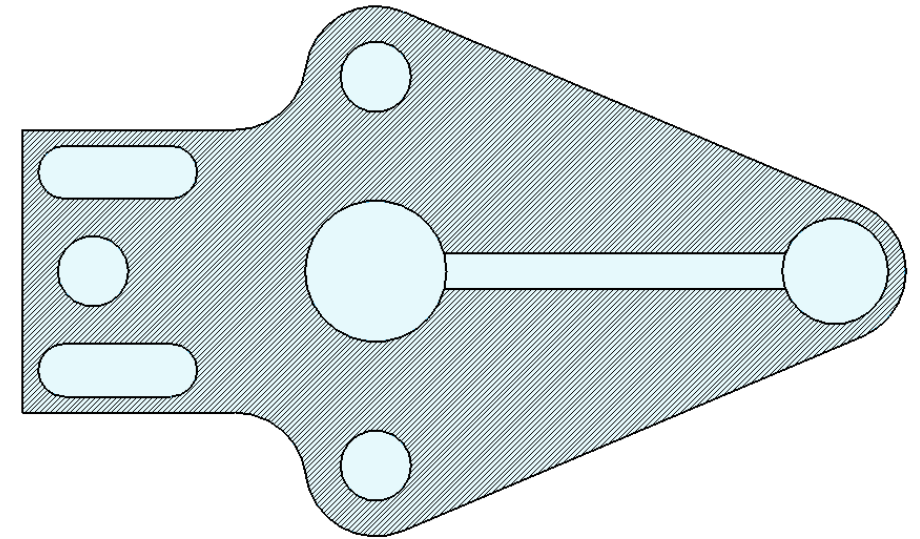
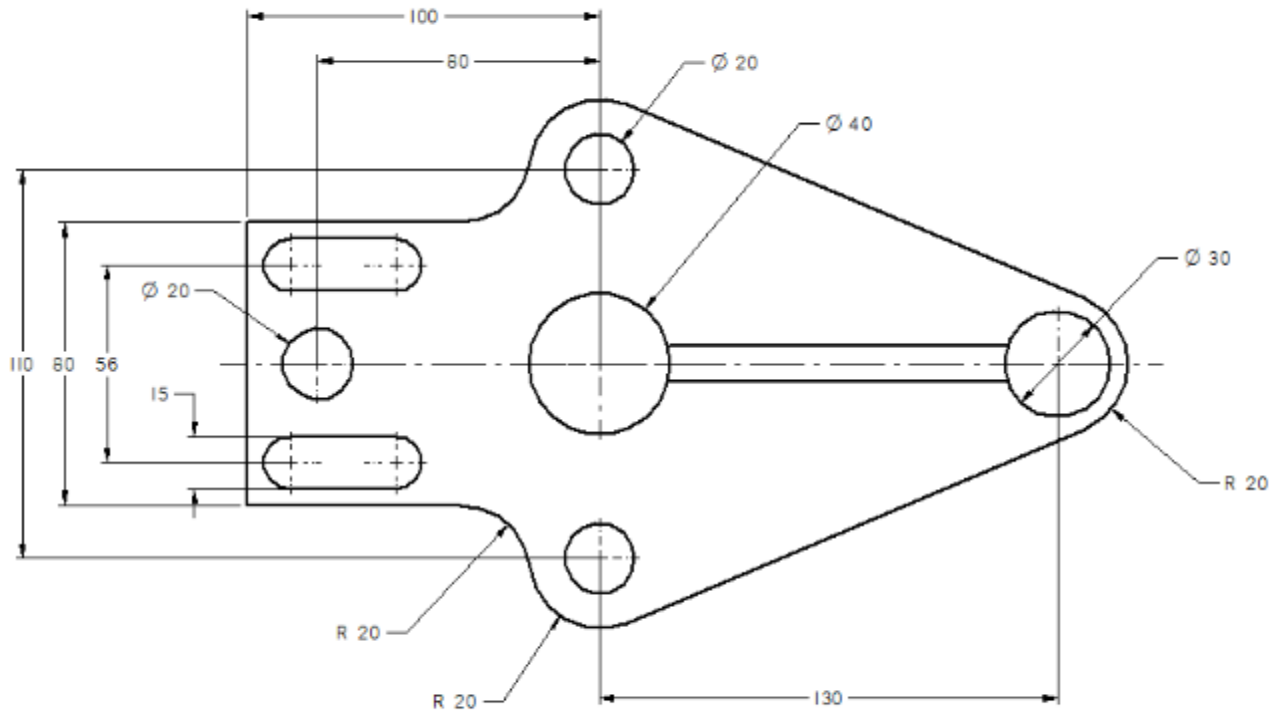
Model the part and calculate the volume. Choose the correct range that your answer falls within. Drawing views are third angle projection. To enlarge, click on the image to open in a new tab.

- ☐ 83900 - 84000
- ☐ 84000 - 84100
- ☒ 84100 - 84200
- ☐ 84200 - 84300



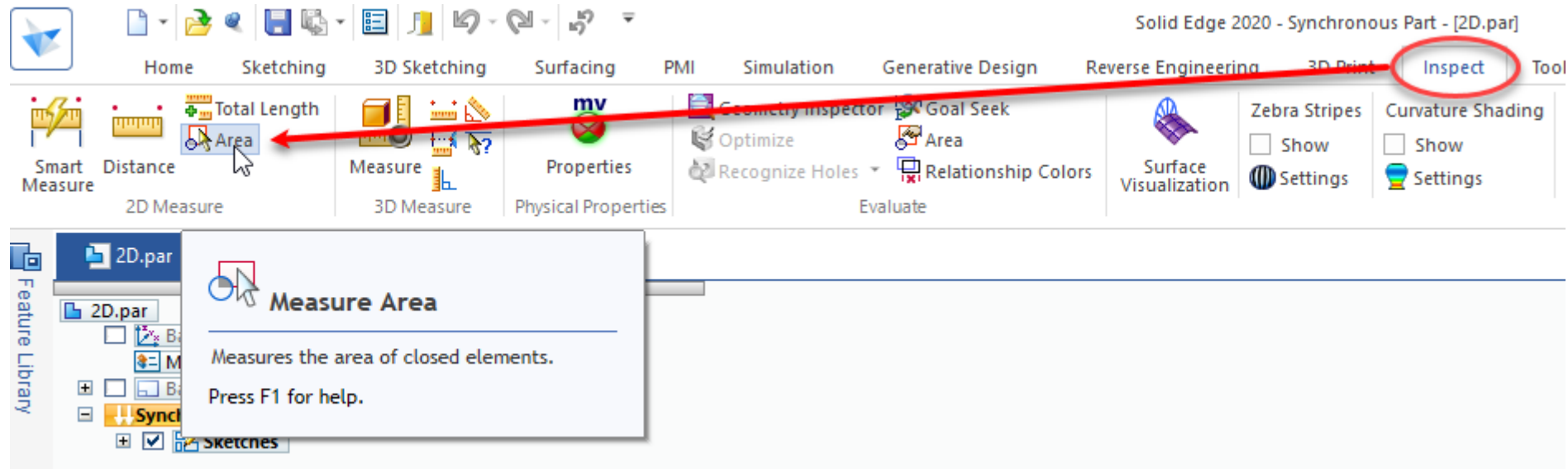
## Modeling Questions Requesting Area

- Sketch the geometry profile shown in the problem.



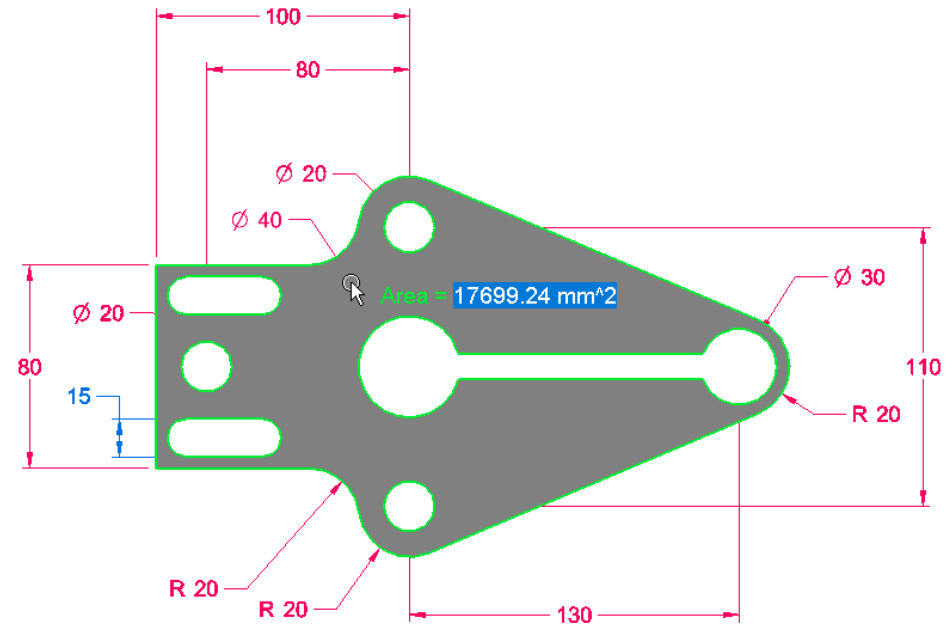
## Modeling Questions Requesting Area

- If you created the sketch in the Part environment in synchronous mode, you must be locked onto the sketch plane to activate the Area command on the Inspect tab.
- If you created the 2D sketch in the Draft environment, the Area command is already active.



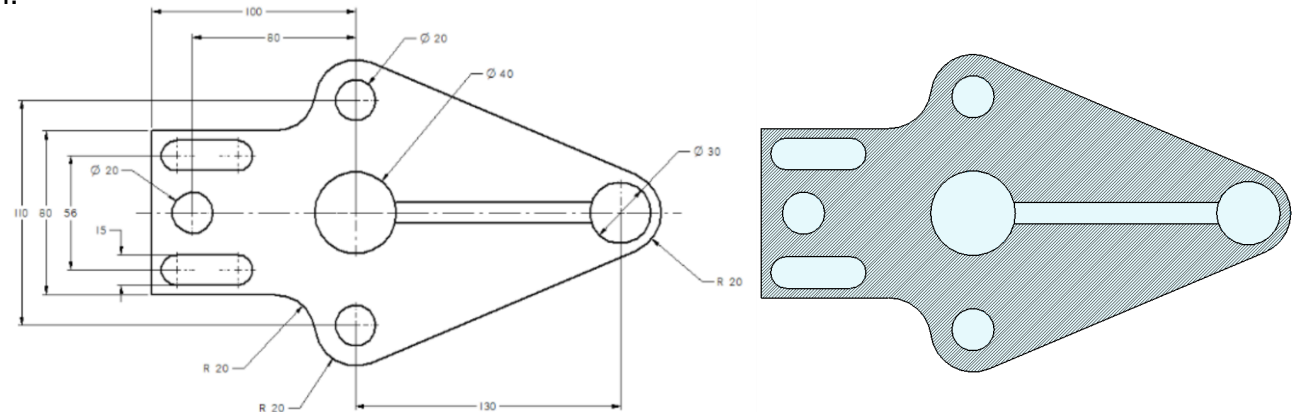
## Modeling Questions Requesting Area

- Click the area you wish to measure.
- Note the Area value: **17699**
- As in the previous question, choose the correct range your answer falls within from the four choices.



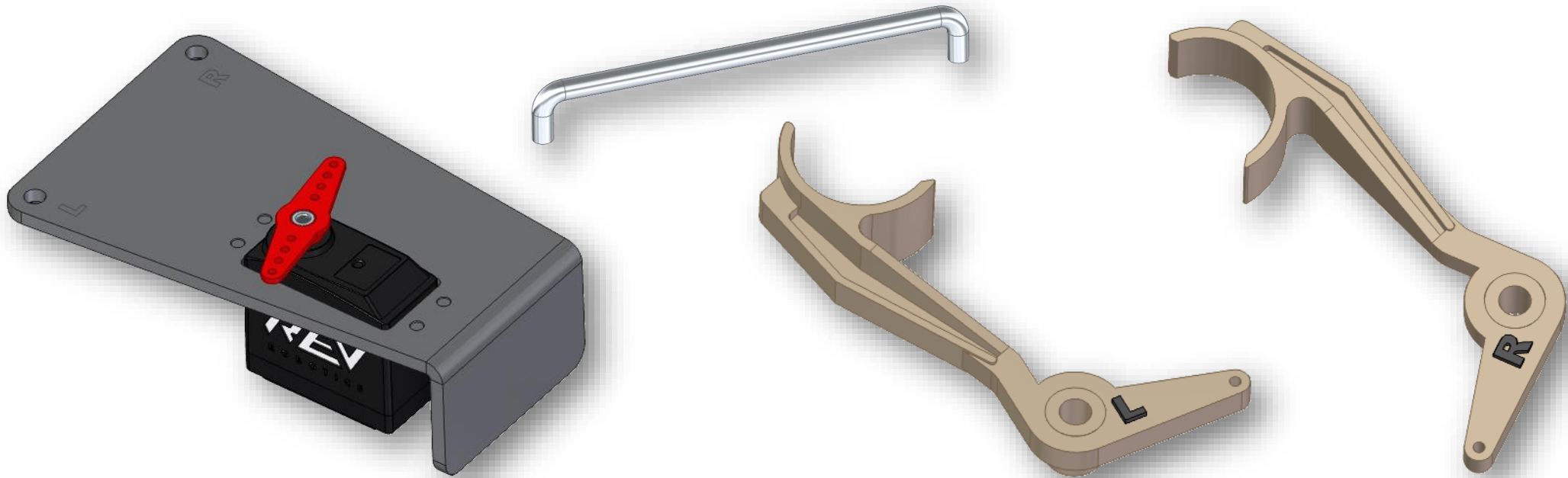
Draw the sketch shown and calculate the area of the shaded region.  
Choose the correct range that your answer falls within.  
To enlarge, click on the image to open in a new tab.

- ☒ 17600 - 17800
- ☐ 17800 - 18000
- ☐ 18000 - 18200
- ☐ 18200 - 18400



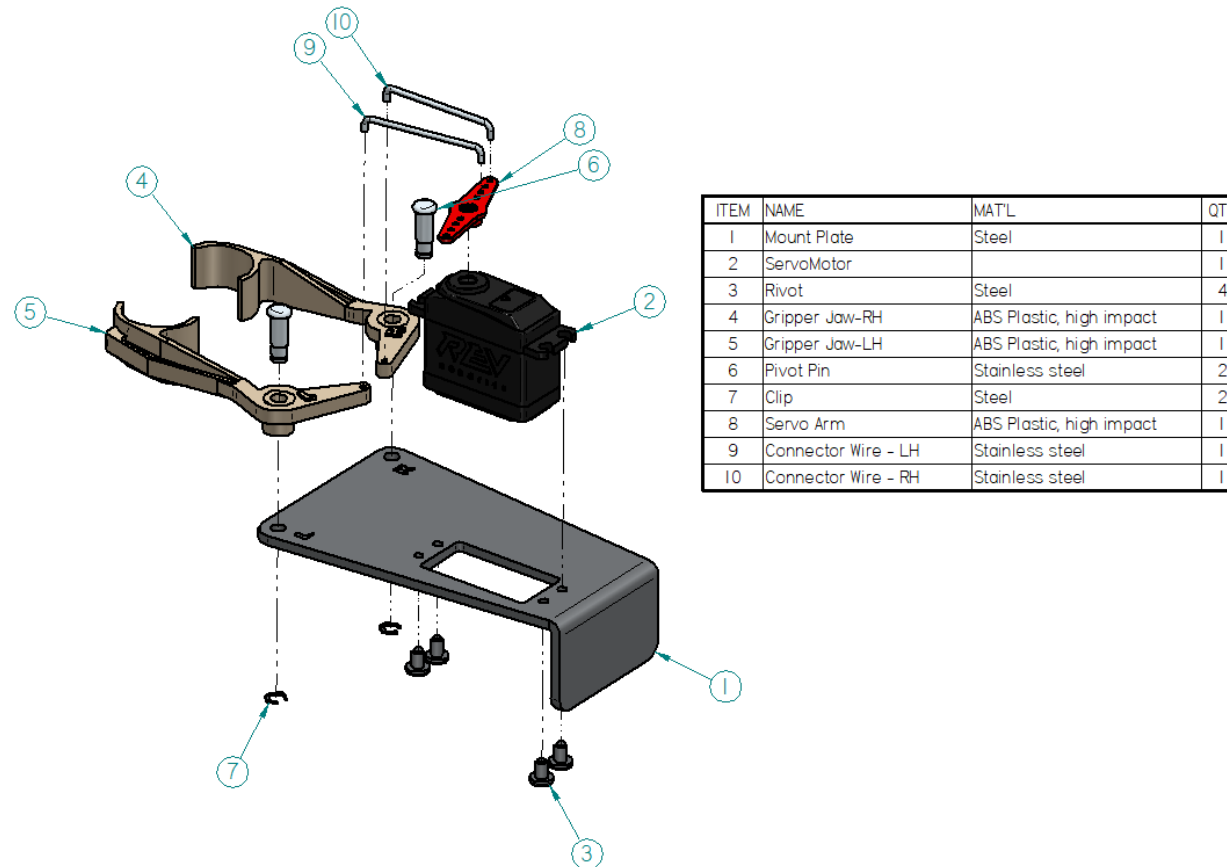
## Assembly Question

- You will be asked to download a set of parts in a zip file.
- Be sure you have internet access and permissions to download a Zip file from the Siemens site.
- Be sure you have software capable of unzipping a Zip file.



## Assembly Question

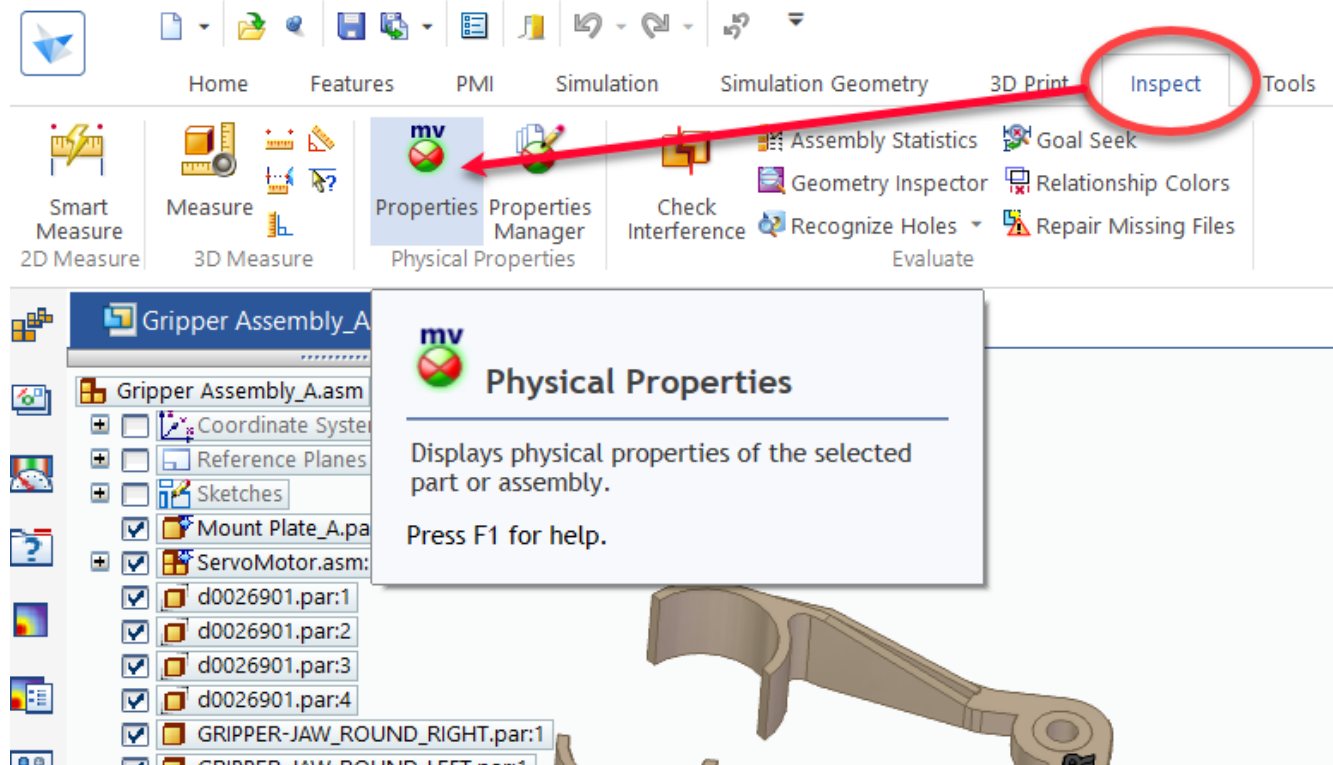
- Use the link to download the Zip file of the Solid Edge Parts and Assembly files. Included in the zip file is an instructional PDF document on how the components should be assembled.





## Assembly Question

- After assembling the parts, from the Inspect tab, select the Physical Properties command.



## Assembly Question

- Note the Center of Mass Z value whole number: **26**
- As in the previous questions, choose the correct range your answer falls within from the four choices.

Open the Gripper Assembly.asm and finish assembling as shown in the assembly instructions. What is the Z value for Center of Mass? There is additional information in the PDF document included in the zip file.

- ☐ 24 - 25
- ☒ 26 - 27
- ☐ 28 - 29
- ☐ 30 - 31

Physical Properties - Entire Assembly

☐ User-defined properties

Coordinate system: Model Space

Global Principal

Mass: 0.326 kg Volume: 66884.769 mm<sup>3</sup>

Quantity override mass: 0.326 kg ☐ Use as the Assembly Mass

Center of Mass ☐ Display symbol **cm**

X: 18.76 mm Y: 1.82 mm Z: 26.95 mm

Center of Volume ☐ Display symbol **cv**

X: 22.10 mm Y: 4.24 mm Z: 26.76 mm

Mass Moments of Inertia

Ixx: 0.000 kg-m<sup>2</sup> Iyy: 0.001 kg-m<sup>2</sup> Izz: 0.001 kg-m<sup>2</sup>

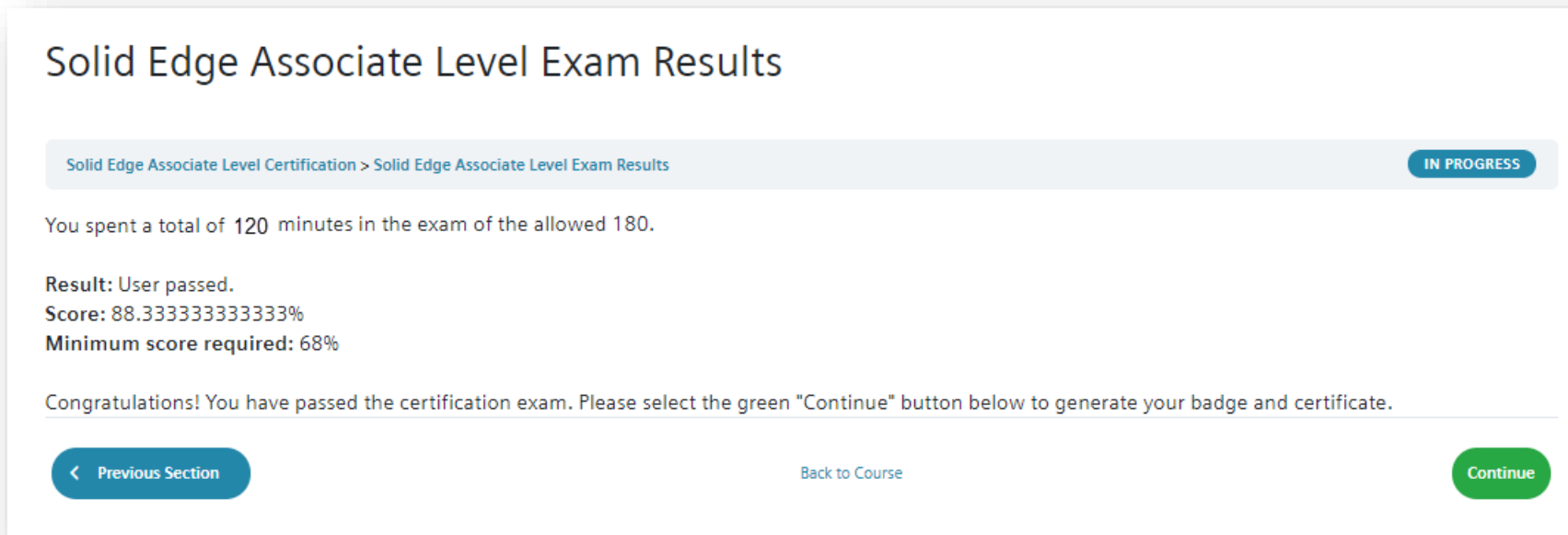
Ixy: 0.000 kg-m<sup>2</sup> Ixz: 0.000 kg-m<sup>2</sup> Iyz: 0.000 kg-m<sup>2</sup>

Physical Properties are up-to-date.

Update Close Save As... Help

## Exam Results

- Once all sections are completed you are taken to the Results section which shows your passed/failed status and your final score and how it compares to the minimum passing score for the exam.
- Click Continue to complete the results section and finish the exam.



The screenshot displays the 'Solid Edge Associate Level Exam Results' page. At the top, the title 'Solid Edge Associate Level Exam Results' is shown. Below it, a breadcrumb trail reads 'Solid Edge Associate Level Certification > Solid Edge Associate Level Exam Results', followed by a blue 'IN PROGRESS' button. The main content area states: 'You spent a total of 120 minutes in the exam of the allowed 180.' Below this, the results are summarized: 'Result: User passed.', 'Score: 88.333333333333%', and 'Minimum score required: 68%'. A congratulatory message follows: 'Congratulations! You have passed the certification exam. Please select the green "Continue" button below to generate your badge and certificate.' At the bottom, there are three buttons: a blue 'Previous Section' button with a left arrow, a text link 'Back to Course', and a green 'Continue' button.

Solid Edge Associate Level Exam Results

Solid Edge Associate Level Certification > Solid Edge Associate Level Exam Results **IN PROGRESS**

You spent a total of 120 minutes in the exam of the allowed 180.

**Result:** User passed.  
**Score:** 88.333333333333%  
**Minimum score required:** 68%


Congratulations! You have passed the certification exam. Please select the green "Continue" button below to generate your badge and certificate.


[Previous Section](#) [Back to Course](#) [Continue](#)


## Certificate

- On the next page you may download your certificate if you passed.

### Solid Edge Associate Level Certification

 You've earned a certificate!






100% COMPLETE


COMPLETE

Enrolling in this course will allow you to take the Solid Edge Associate Level exam.


### Course Content

Expand All

 Solid Edge Associate Level Exam Information

 Solid Edge Associate Level Exam  
10 Exams

Expand

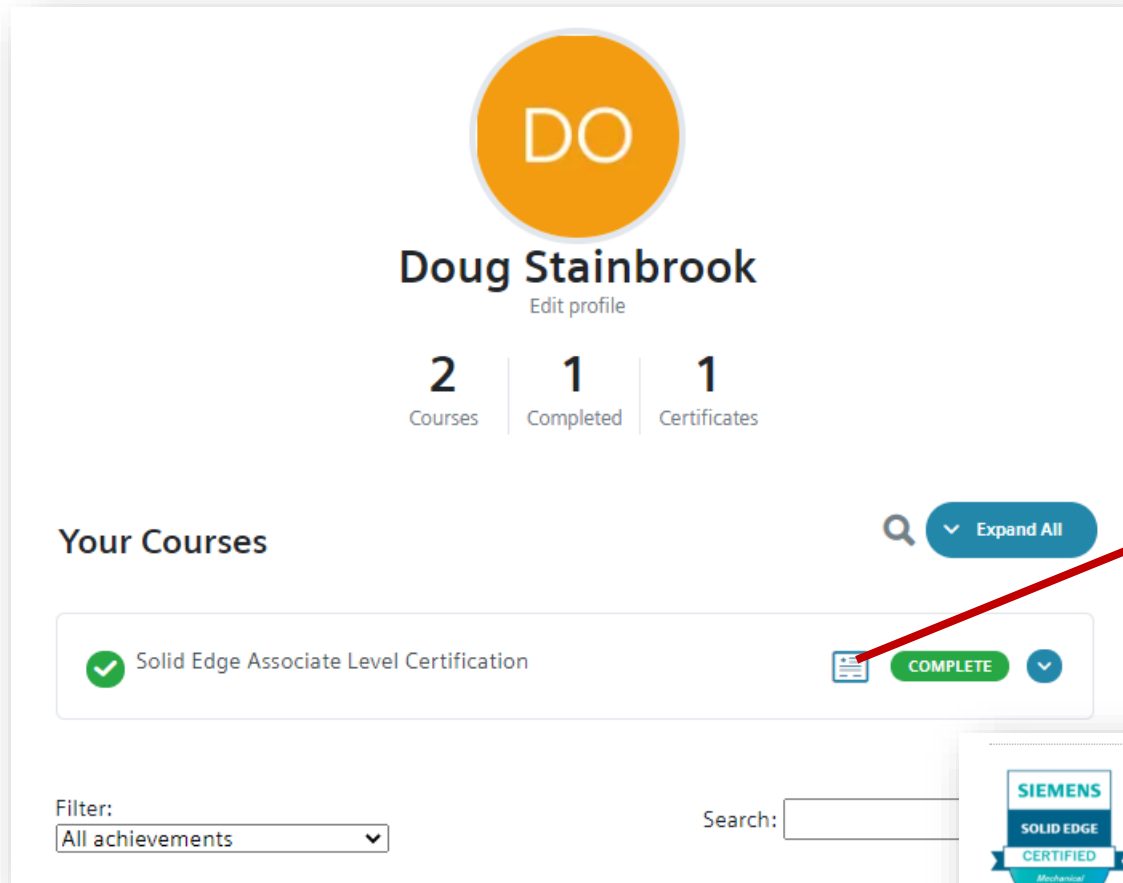
 Solid Edge Associate Level Exam Results

Page 28 Unrestricted | © Siemens 2021 | D.Stainbrook | DISW | 2021-09-20

[Return to Index](#)

## Certificate and Digital Badging

- You may also access your certificates and badges that you have earned through your profile.



The image shows a user profile for Doug Stainbrook. At the top is an orange circular profile picture with the letters 'DO'. Below it is the name 'Doug Stainbrook' and a link to 'Edit profile'. A summary bar shows '2 Courses', '1 Completed', and '1 Certificates'. Under the heading 'Your Courses', there is a list with one item: 'Solid Edge Associate Level Certification' with a green checkmark icon. To the right of this item is a document icon and a green 'COMPLETE' button. At the bottom, there is a 'Filter:' dropdown menu set to 'All achievements' and a 'Search:' input field.

**DO**

**Doug Stainbrook**  
Edit profile

2 Courses | 1 Completed | 1 Certificates

**Your Courses**

✓ Solid Edge Associate Level Certification

Filter: All achievements

Search:



The image is a certificate for Doug Stainbrook. It features the Siemens logo and a blue sports car. The text reads: 'Solid Edge Certification', 'Siemens Digital Industries Software', 'This is to certify that Doug Stainbrook has successfully completed the Siemens Digital Industries Software certification exam requirements for Solid Edge Associate Level Certification awarded on September 21, 2021, 7:07 am'. It includes two signatures: Dan Staples (Vice President, Solid Edge Product Development) and Kevin Riggs (Manager, Solid Edge Learning Development). The Certification ID is 4345-163-222-2714.

**SIEMENS**  
*Ingenuity for Life*

**Solid Edge Certification**

Siemens Digital Industries Software

This is to certify that  
**Doug Stainbrook**  
has successfully completed the Siemens Digital Industries Software certification exam requirements for  
**Solid Edge Associate Level Certification**  
awarded on  
September 21, 2021, 7:07 am

*Dan Staples*  
Dan Staples  
Vice President, Solid Edge Product Development  
Siemens Digital Industries Software

*Kevin Riggs*  
Kevin Riggs  
Manager, Solid Edge Learning Development  
Siemens Digital Industries Software

Certification ID:  
4345-163-222-2714




### Solid Edge Mechanical – Associate Certification

The Solid Edge Mechanical – Associate Level certification demonstrates that a user has a basic knowledge of the user interface, sketching tools and techniques, part, assembly and drawing creation. A basic understanding of each environment and its essential commands is required to earn this credential.

# Digital Badging

- Use the URL code to embed your badge in your portfolio website or you may use the links to copy the information to share your badge on social media.






### Solid Edge Mechanical – Associate Certification

The Solid Edge Mechanical – Associate Level certification demonstrates that a user has a basic knowledge of the user interface, sketching tools and techniques, part, assembly and drawing creation. A basic understanding of each environment and its essential commands is required to earn this credential.

**Embed your Badge**


```
<iframe src="https://cadcertification.sw.siemens.com/embed-page/?bg=43184&eid=1678&uid=4345&tn=163223261"></iframe>
```


**Share on Social Media**






  


[Verify](#)

← [Tweet](#)

 **Solid Edge Mechanical – Associate Certification**  
<https://cadcertification.sw.siemens.com/evidence-page/?bg=43184&eid=1678&uid=4345>

 **Everyone can reply**




### Add Your Badge/Rank To LinkedIn


Use the **copy** buttons to quickly fill in the information in the "Add Certification" area of your LinkedIn profile.


[Add to Profile](#)

|   |                      |
|---|----------------------|
| <b>Certificate Name</b>   | <a href="#">Copy</a> |
| Solid Edge Mechanical – Associate Certification   |                      |
| <b>Issuing Organization</b>   | <a href="#">Copy</a> |
| CAD Certification by Siemens  |                      |
| <b>Credential ID</b>  | <a href="#">Copy</a> |
| BADGE-43184-UID-4345  |                      |
| <b>Certificate URL</b>  | <a href="#">Copy</a> |
| <a href="https://cadcertification.sw.siemens.com/evidence-page/?bg=43184&amp;eid=1678&amp;uid=4345">https://cadcertification.sw.siemens.com/evidence-page/?bg=43184&amp;eid=1678&amp;uid=4345</a> |                      |
| <b>Issue Date</b>   | <b>Expiry Date</b>   |
| September 21, 2021  | September 21, 2026   |




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 **Doug Stainbrook**  
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CADCERTIFICATION.SW.SIEMENS.COM  
**Solid Edge Mechanical – Associate Certification**  
The Solid Edge Mechanical – Associate Level certification demonstrates that a user has a basic knowledge of the user interface, sketching tools and...

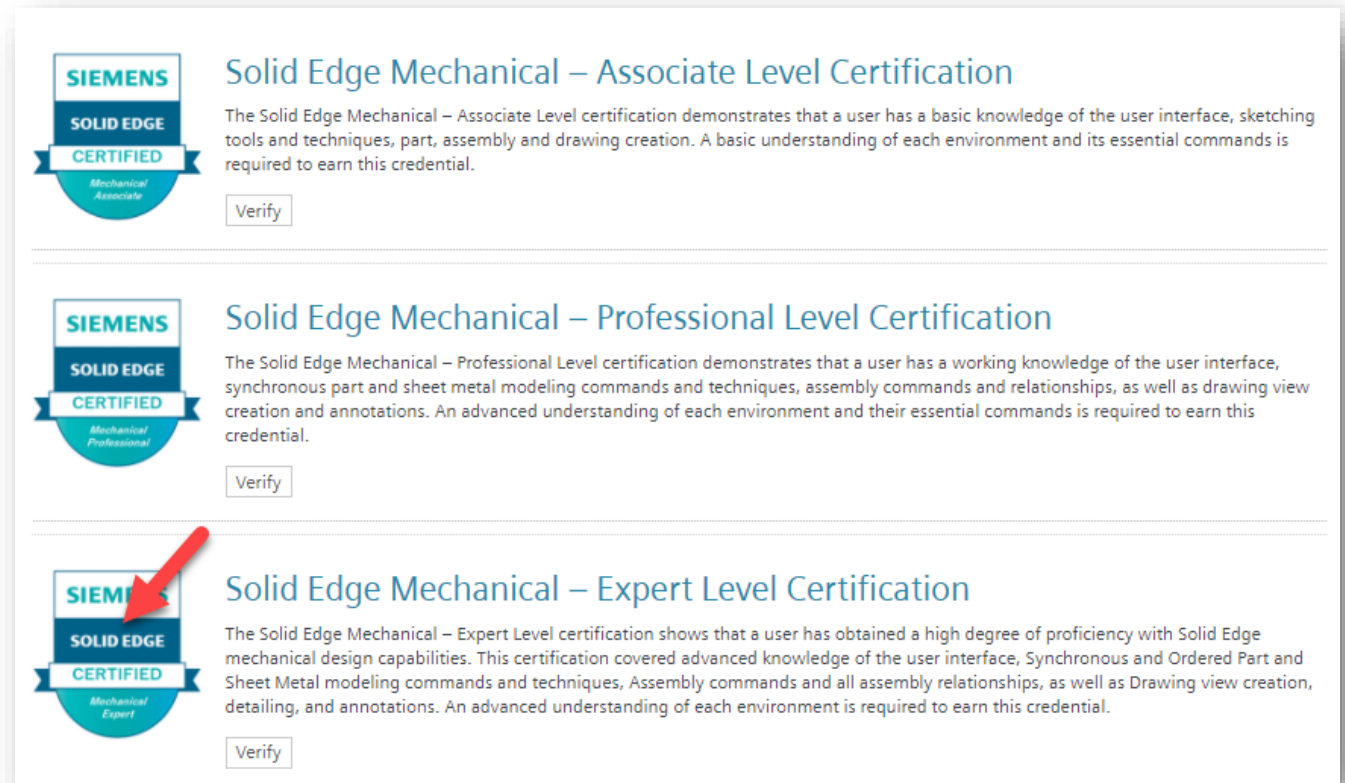
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## Adding a Badge to Your Outlook Email Signature

- Click on you're earned badge in your profile
- Use your highest-level achievement badge; Associate, Professional or Expert.
- Click on the badge you want to add to your signature to go to **your** unique verification page.



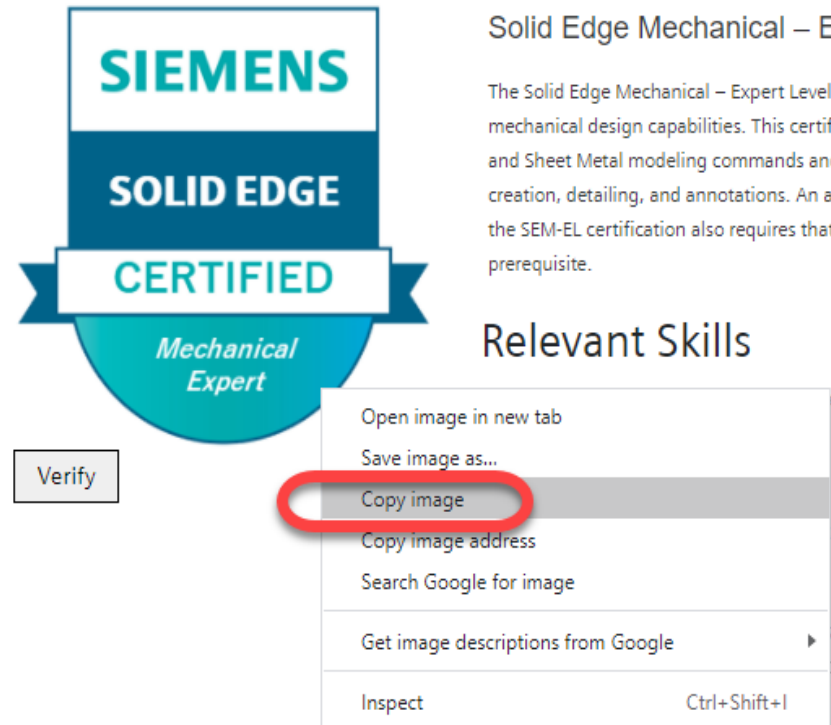
The screenshot displays the Siemens Solid Edge Mechanical certification verification page. It features three certification levels, each with a badge, a description, and a 'Verify' button. A red arrow points to the Expert level badge.

| Certification Level  | Description |
|--|-------------|
| <b>Solid Edge Mechanical – Associate Level Certification</b><br>The Solid Edge Mechanical – Associate Level certification demonstrates that a user has a basic knowledge of the user interface, sketching tools and techniques, part, assembly and drawing creation. A basic understanding of each environment and its essential commands is required to earn this credential.   | Verify      |
| <b>Solid Edge Mechanical – Professional Level Certification</b><br>The Solid Edge Mechanical – Professional Level certification demonstrates that a user has a working knowledge of the user interface, synchronous part and sheet metal modeling commands and techniques, assembly commands and relationships, as well as drawing view creation and annotations. An advanced understanding of each environment and their essential commands is required to earn this credential.  | Verify      |
| <b>Solid Edge Mechanical – Expert Level Certification</b><br>The Solid Edge Mechanical – Expert Level certification shows that a user has obtained a high degree of proficiency with Solid Edge mechanical design capabilities. This certification covered advanced knowledge of the user interface, Synchronous and Ordered Part and Sheet Metal modeling commands and techniques, Assembly commands and all assembly relationships, as well as Drawing view creation, detailing, and annotations. An advanced understanding of each environment is required to earn this credential. | Verify      |

## Adding a Badge to Your Outlook Email Signature

- Right click on the badge image and select Copy Image.

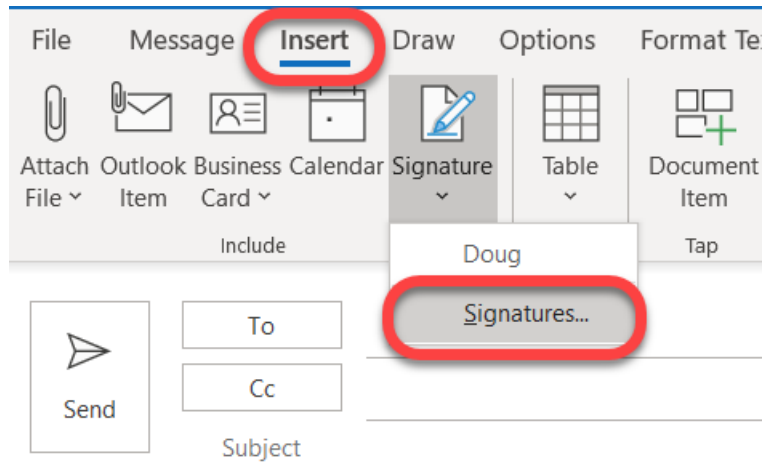
### Badge Verification



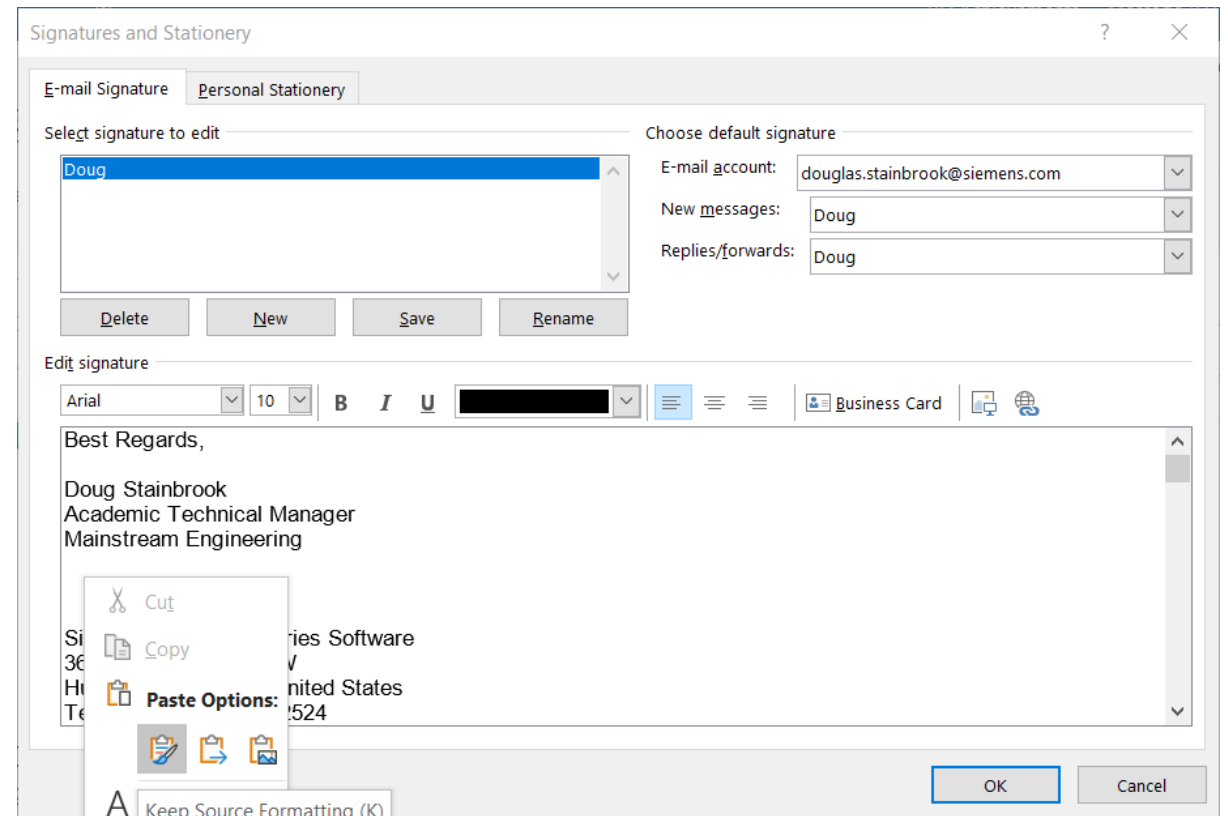


## Adding a Badge to Your Outlook Email Signature

- In Outlook, start a new email message and click on “Signatures” under “Insert” tab.

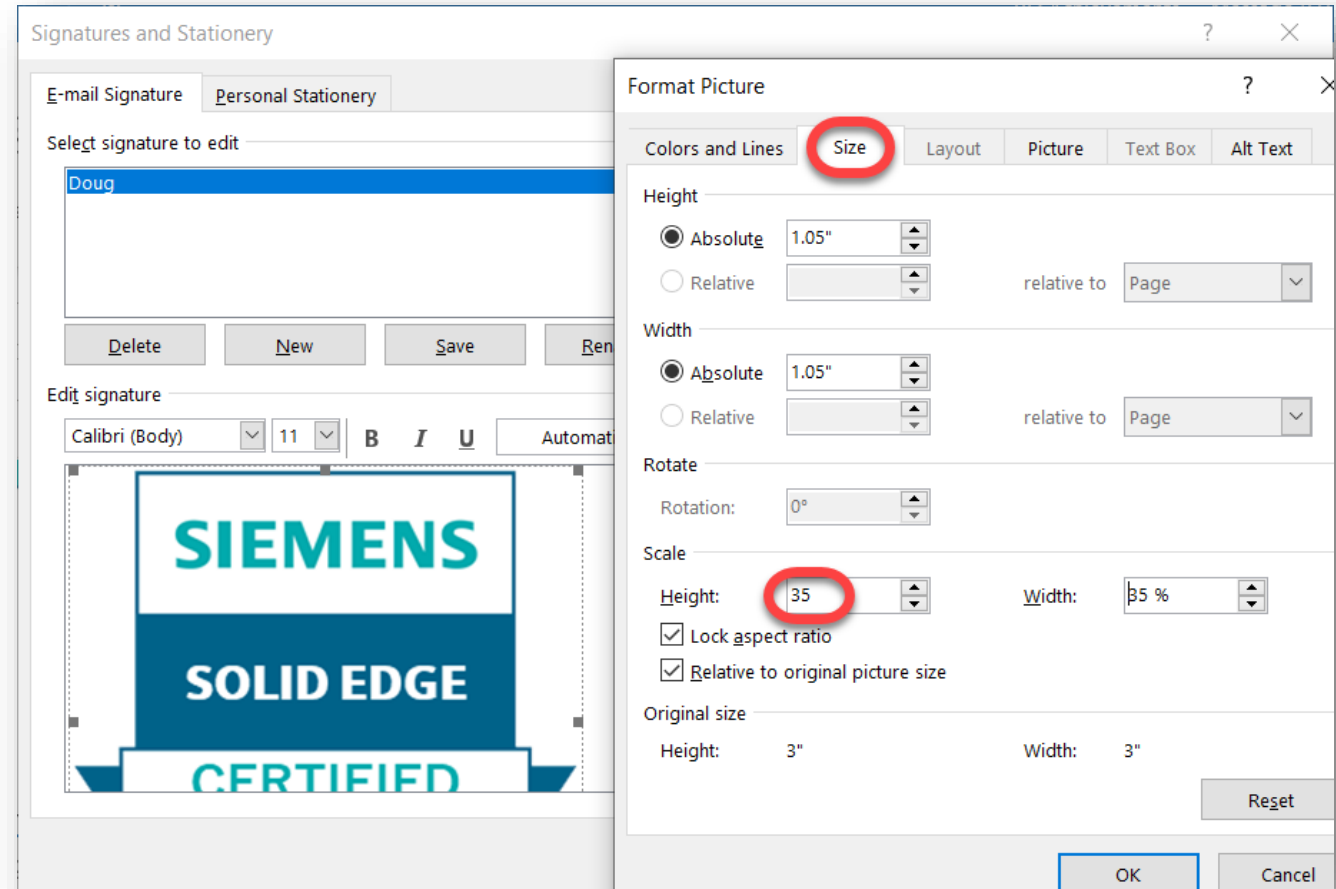
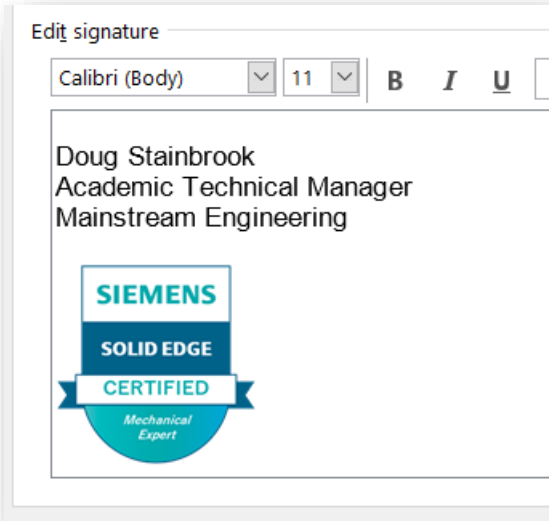


- Past the image into your signature where you want it to appear.



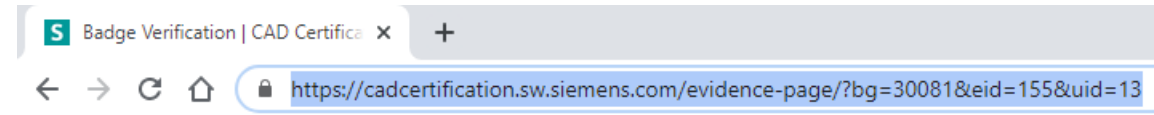
## Adding a Badge to Your Outlook Email Signature

- Right click on the image and select “Picture” from the menu. This will bring up the Format Picture dialog.
- Select the Size tab.
- Change the scale to the size you desire.

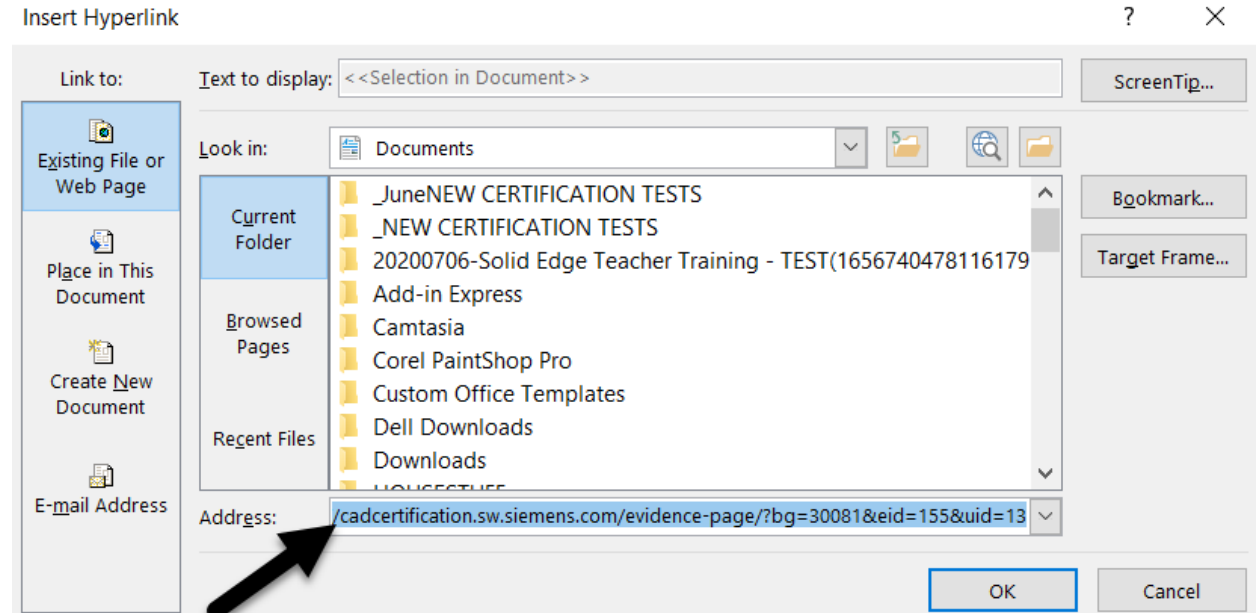


## Adding a Badge to Your Outlook Email Signature

- To link the image to your unique certification verification page, select the URL for the badge verification page you are on and copy it to the clipboard.

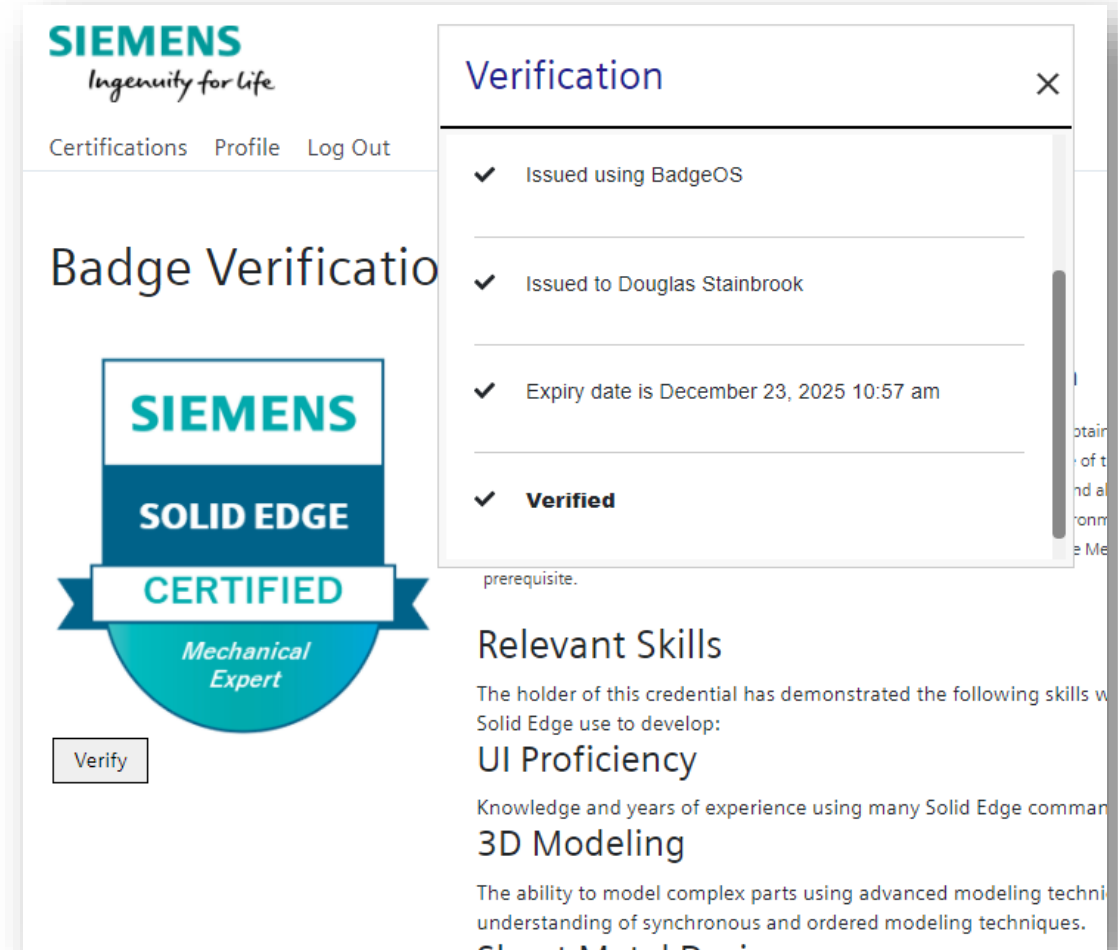
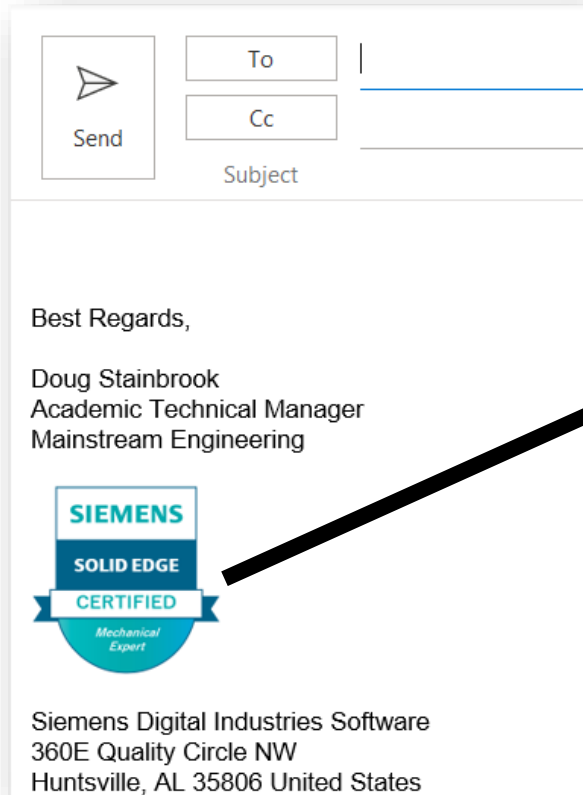


- Right-click on the signature image and select "Link" at the bottom of the pop-up menu.
- Copy the URL into the Address:
- Click OK to dismiss the dialogs and accept the changes to your signature.



## Badge Verification

- Creating a new email now displays your badge, and if someone were to click on the badge, it takes them directly to your certification verification page.



## Badge Verification

- The social media badges are also used to verify your credentials when someone clicks on them.

***YOU'RE ALL SET...  
GO GET CERTIFIED!***

