

Kako započeti akademsku certifikaciju na portalu za certifikaciju SolidCAM?

Sa SolidCAM certifikatima Vaši će učenici / studenti lakše doći do posla!

Osigurajte povoljne uvjete za **SolidCAM EDU 50** licenci u godišnjem najmu.

Prva godina: 100% popusta

Svaka sljedeća godina:

- 50% popusta
 - *Certified SolidCAM Academic Associate (CSAA)* – min 1 x nastavnik / predavač
- 100% popusta
 - *Certified SolidCAM Academic Professional (CSAP)* – min 1 x nastavnik / predavač
 - *Certified SolidCAM Academic Associate (CSAA)* – min 10 x učenika / studenata

Najkasnije mjesec dana prije isteka Vaše **SolidCAM EDU** licence potrebno je poslati certifikate od minimalno jednog nastavnika / predavača koji ima položenu razinu *Certified SolidCAM Academic Professional (CSAP)*, te minimalno 10 učenika koji su položili unazad jedne godine razinu *Certified SolidCAM Academic Associate (CSAA)* na mail: mmarkovic@strojotehnika.hr

U nastavku upute, opisan je postupak certificiranja za razinu CSAA, te je postupak isti i za razinu CSAP.

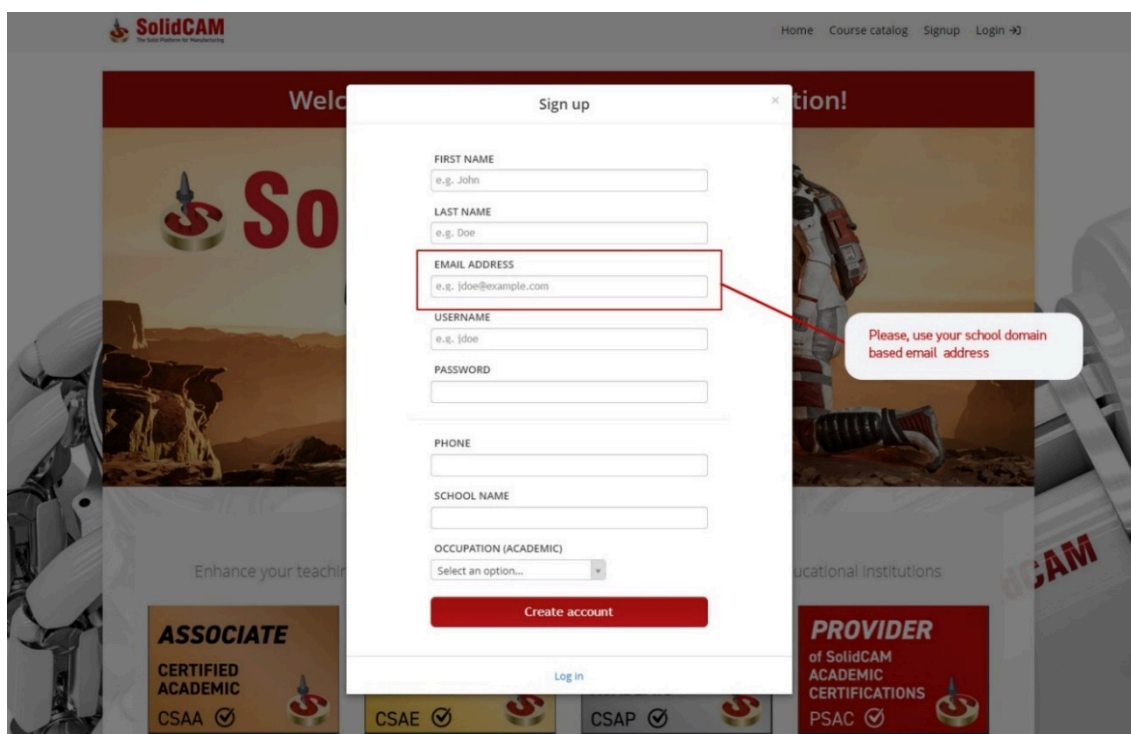
Za sva pitanja možete se obratiti našoj certificiranoj tehničkoj podršci !

SolidCAM Academic Certification

1. Otvorite poveznicu <https://academic-solidcam.talentlms.com/>
U gornjem desnom izborniku kliknite na „Signup“



2. Ispunite formular (za prijavu koristite e-mail svoje škole/fakulteta)



3. Nakon registracije primit ćete obavijest e-poštom od portala za certifikaciju SolidCAM (noreply@talentlms.com). Slijedite upute za potvrdu svoje adrese e-pošte. Ako niste primili e-mail - provjerite SPAM folder

From: SolidCAM Certification Portal <noreply@talentlms.com>

Sent: [REDACTED]

To: [REDACTED]

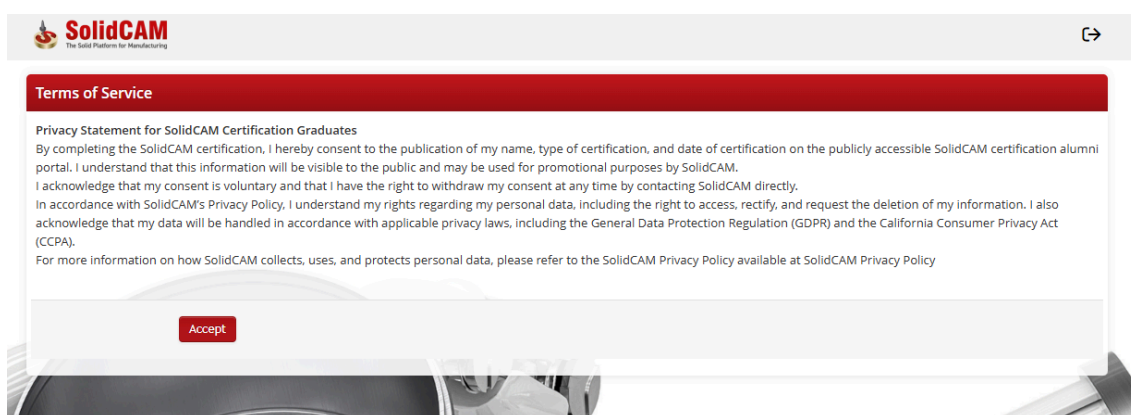
Subject: Welcome to SolidCAM Certification Portal

Welcome [REDACTED],

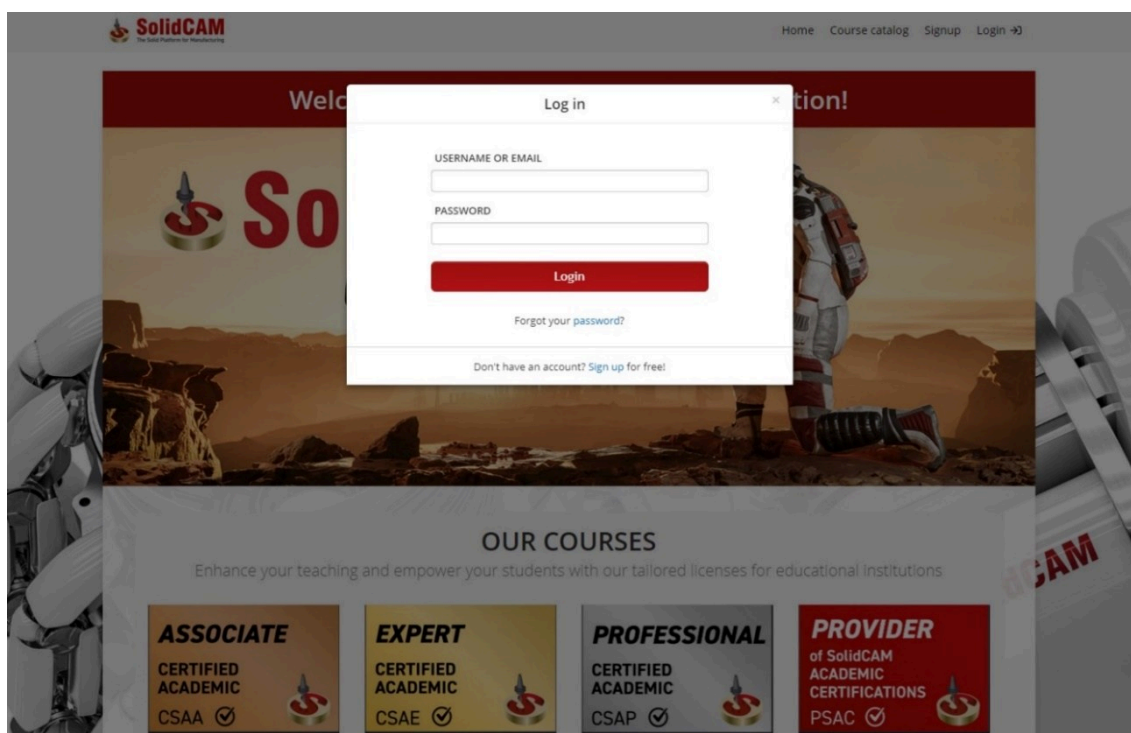
To confirm your account just click the link below:

[Confirm your account](#)

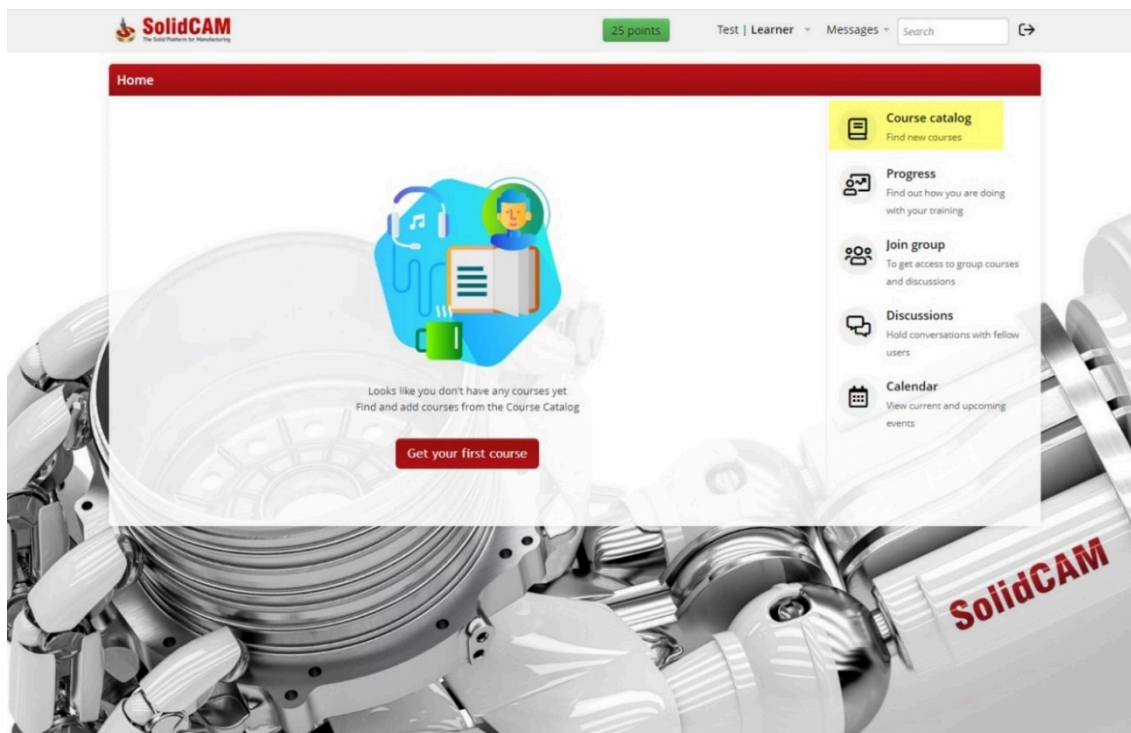
This email was sent from [SolidCAM Certification Portal](#) at [REDACTED]



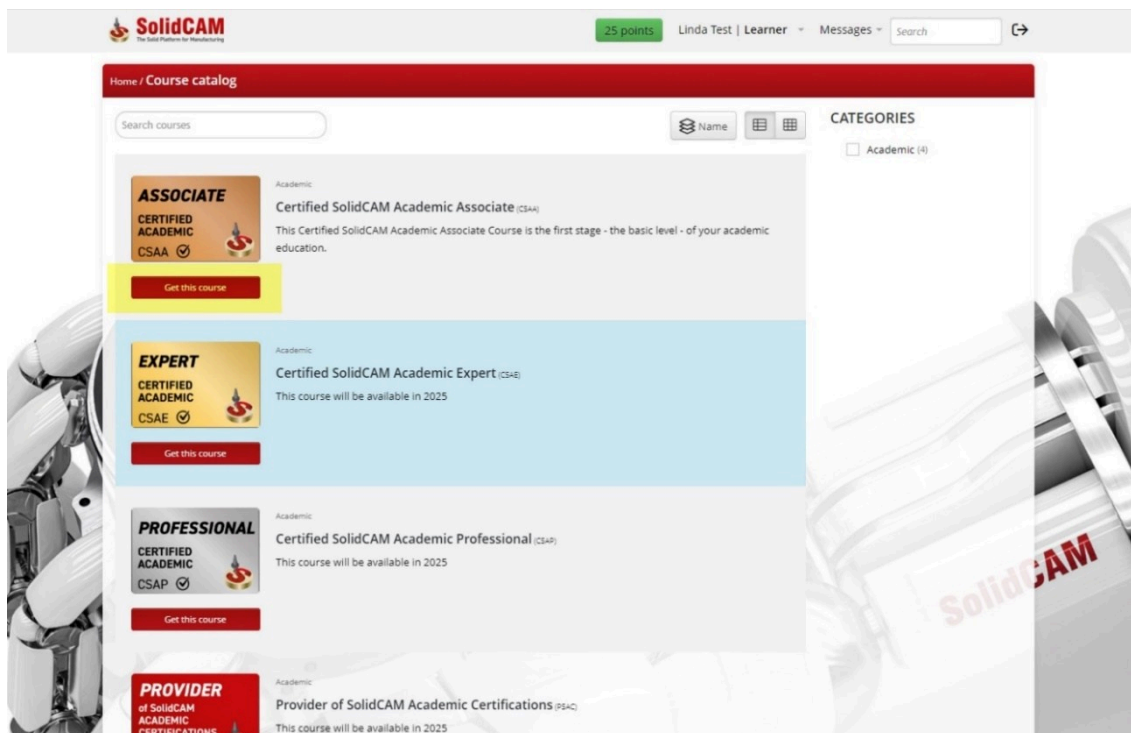
4. Sada se možete prijaviti na portal




5. Dobro došli na svoju osobnu nadzornu ploču!
Idite na „*Course Catalog*“ – kliknite prvu stavku s desnog izbornika



6. Odaberite tečaj „*Certified SolidCAM Academic Associate*“ i kliknite „*Get this course*“




7. Klikom na naziv tečaja „*Certified SolidCAM Academic Associate*“ otvara se sadržaj, te kliknite na „*Start or resume course*“



More ▾
7606 points
Marko Leš | Learner ▾
Messages ▾
↔

[Home / Course catalog / Certified SolidCAM Academic Associate](#)

ASSOCIATE

CERTIFIED ACADEMIC

CSAA 



[Start or resume course](#)






Academic

Certified SolidCAM Academic Associate






This Certified SolidCAM Academic Associate Course is the first stage - the basic level - of your academic education.

Content


ESSENTIALS

-  Intro
-  About SolidCAM Company
-  SolidCAM CAM Modules
-  CAD integration
-  Essentials - Test



VIDEO LESSONS

-  New Milling CAM Project Setup
-  Face Milling
-  Profile Milling
-  Pocket Milling
-  Drilling

PRACTICAL EXAM

-  The Project

Files


-  CSAA_Project_Imperial.zip
-  CSAA_Project_Metric.zip

Completion rules

- All units must be completed
- Leads to a certificate with a duration: Forever

[< Back](#)

8. Otvara se uvodno poglavlje sa uputama za polaganje, te kliknite na „Completed. Let's continue.“


Certified SolidCAM Academic Associate 7606 points Intro > Files > More > 

Each of the following units will be presented in sequence, followed by a quiz test:


1. About SolidCAM Company
2. The SolidCAM CAM Modules
3. CAD Integration

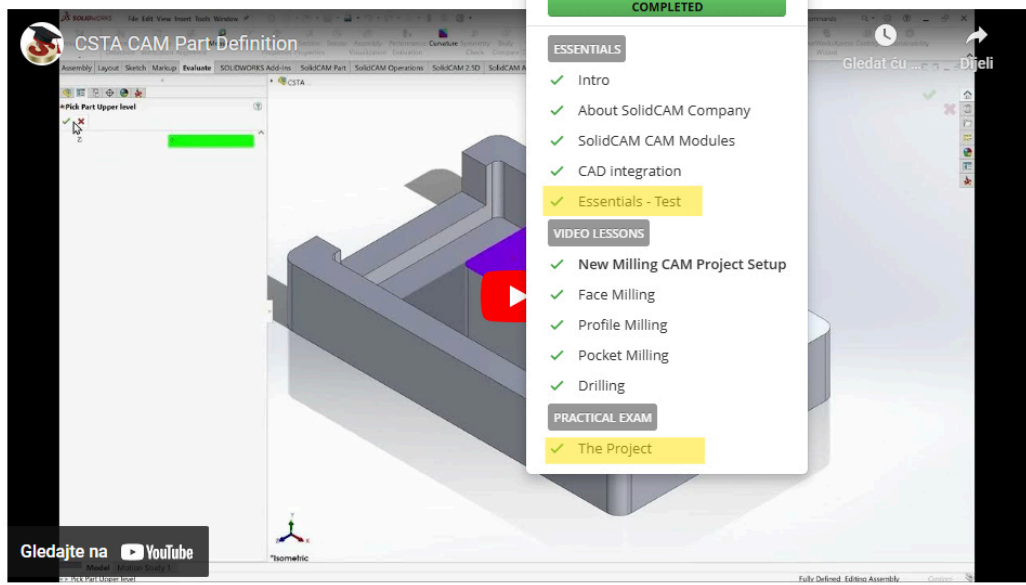
You will be required to answer 20 questions after completing all three lessons. Passing this Associate level certification requires that you answer a **minimum of 80%** of the questions correctly.

Completed. Let's continue.



9. Nakon uvodnih videa, potrebno je proći „Essentials - Test“


Certified SolidCAM Academ... 7606 points < New Milling CAM Project Setup > Files > More > 



The screenshot shows the SolidCAM software interface with a 3D model of a part. A progress menu is overlaid on the model, listing the following items:

- COMPLETED**
- ESSENTIALS**
 - ✓ Intro
 - ✓ About SolidCAM Company
 - ✓ SolidCAM CAM Modules
 - ✓ CAD Integration
 - ✓ Essentials - Test
- VIDEO LESSONS**
 - ✓ New Milling CAM Project Setup
 - ✓ Face Milling
 - ✓ Profile Milling
 - ✓ Pocket Milling
 - ✓ Drilling
- PRACTICAL EXAM**
 - ✓ The Project

Completed. Let's continue.



10. Za "The Project " skinite i raspakirajte CSAA_Project_Metric.zip datoteku.

Certified SolidCAM Academic Associate 225 points < The Project ▾ Files ▾ More ▾


Download and extract the **zip file** that contains the assembly file needed for this exam:


If you use **imperial system** - please, download this file [CSAA_Project_Imperial](#)


If you use **metric system** - please, download this file [CSAA_Project_Metric](#)


Once extracted, open the **PDF file** for **detailed instructions** on the tasks needed to complete the CAM project for certification.


After you finished the task, please save and **upload your project***, using the option below:


Text reply


Upload a file


Record video



Record audio



Record screen


*Please, use **.zip** file format.


To create a zip file on a PC, use the "Send to" option:


- Select the file, files or folder you want to zip.
- Right-click the selected file(s) or folder. With the file or folder selected, right-click all with your mouse.
- Select "Send to". From the list of options, select "Compressed (zipped) folder". A new zipped folder will appear containing your zipped data. To rename the folder, right-click the folder and select "Properties".


Text reply


Upload a file


Record video


Record audio


Record screen

11. U raspakiranom direktoriju naći ćete sklop pozicije i upute za programiranje.

Adobe Acrobat Document



PDF

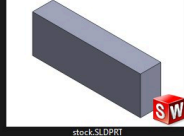
CSAA_Instructions_Metric.pdf

SOLIDWORKS Assembly Document


CSAA Test Part Metric.SLDASM

SOLIDWORKS Part Document


Counter Plate.SLDPRT


stock.SLDPRT



TIME SAVINGS
70%
...AND MORE!



Certified SolidCAM Academic Associate CSAA


Test Project
Metric System

Part Set Up (6 pts.)

File:	CSAA Test Part Metric.SLDASM <i>Must pick external mode</i>	
Post Processor:	gMilling_Haas_ss_3X Post	
Coordinate System:	Top center of the part	
Stock Definition:	3d Model	
Program Number:	5412	
Material:	6061 T6	
Misc:		
Use feeds and speeds that you are comfortable with when setting up tools. All tools must use coolant and a tool holder of your choice.		

Operation 1- Top Side

- o **Face Part- 6 pts.**
 - Face mill the top of the part as shown in Figure 1-1
 - Use a 50mm face mill with 6 inserts
 - Step downs set to 1mm
 - Remove all stock on the top of part
- o **Outside Profile- 8 pts.**
 - Profile the outside as shown in Figure 1-2
 - Use a 12mm end mill with 2 flutes
 - *Clearance 2.5mm for both rounds and flats.*


Figure 1-1

Zagorska 10, 10360 Soblinec , T: 01/ 204 – 2526, M: info@strojotehnika.hr, www.strojotehnika.hr

12. Prema uputama programirajte obradu pozicije u SolidCAM-u.

imachining The unique, revolutionary Milling technology
powered by SolidCAM

TIME SAVINGS
70%
... AND MORE!



Certified SolidCAM Academic Associate CSAA

Test Project

Metric System

Part Set Up (6 pts.)

File: CSAA Test Part Metric.SLDASM
Must pick external mode

Post Processor: gMilling_Haas_ss_3X Post

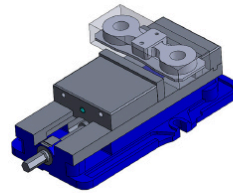
Coordinate System: Top center of the part

Stock Definition: 3d Model

Program Number: 5412

Material: 6061 T6

Misc:
Use feeds and speeds that you are comfortable with when setting up tools. All tools must use coolant and a tool holder of your choice.



Operation 1- Top Side

o **Face Part- 6 pts.**

- Face mill the top of the part as shown in Figure 1-1
- Use a 50mm face mill with 6 inserts
- Step down set to 1mm
- Remove all stock on the top of part



Figure 1-1

o **Outside Profile- 8 pts.**

- Profile the outside as shown in Figure 1-2
- Use a 12mm end mill with 2 flutes
- Step down 2.5mm for both rough and finish
- Machine 0.7mm past the bottom of the part
- Rough leaving 0.1mm to finish with the same cutter in the same operation
- Make sure all stock is removed around the outside



Figure 1-2

o **Pocket Out Material- 8 pts.**

- Pocket out the area shown in Figure 1-3
- Use a 9mm end mill with 2 flutes
- Step down set to 2mm
- Rough leaving 0.1mm to finish with the same cutter in the same operation for the wall and floor
- Use Helical Ramping



Figure 1-3

o **Pocket Top Two Faces- 7 pts.**

- Pocket out the area shown in Figure 1-4
- Use a 9mm endmill with 2 flutes (same as above)
- Step down set to 2mm
- Rough leaving 0.1mm to finish with the same cutter in the same operation for the floor

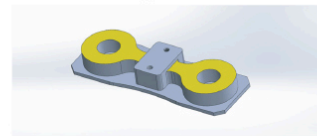


Figure 1-4

o **Drilling- 15 pts.**

- Drill the hole shown in Figure 1-5
- Spot drill using a 10mm Spot drill
- Drill using a 6.3mm drill with a 6mm peck going 2.5mm below the bottom of the part
- Ream using a 6.5mm Reamer going 1mm below the bottom of the part using a G81

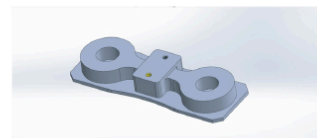


Figure 1-5

o **Drilling- 15 pts.**

- Drill the hole shown in Figure 1-6
- Spot drill using a 10mm Spot drill
- Drill using a 5mm drill with a 6mm Peck
- Tap using a M6x1.0 Tap

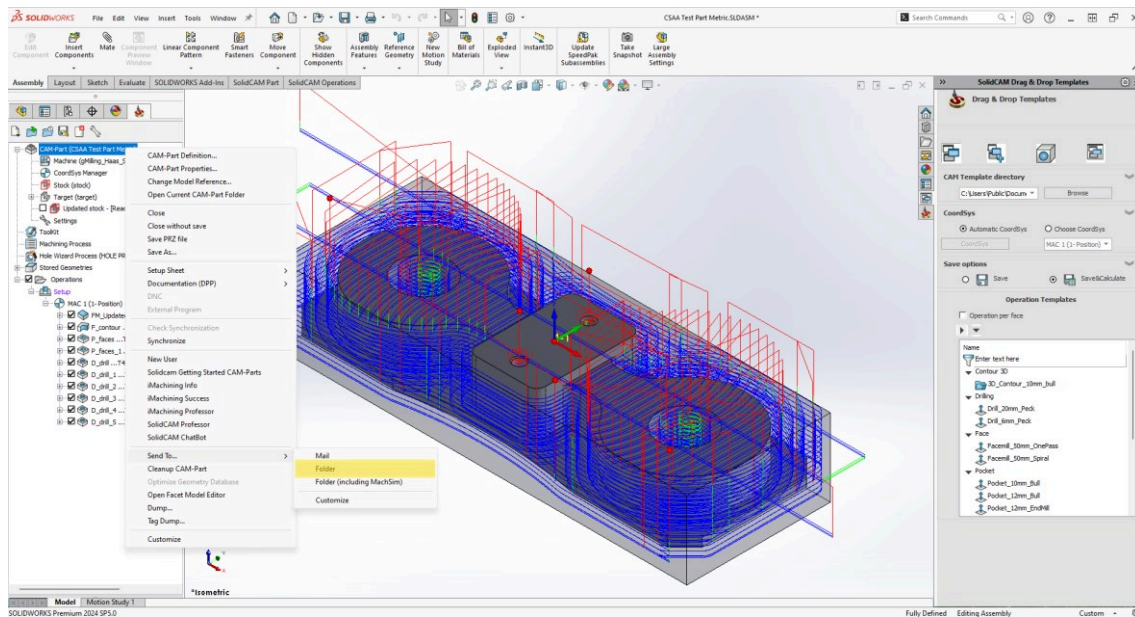


Figure 1-6

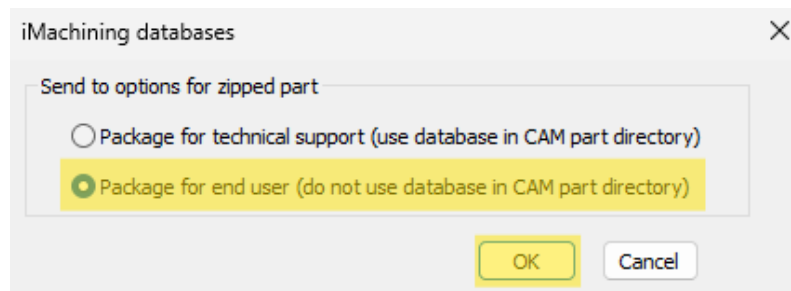


SolidCAM
The Solid Platform for Manufacturing

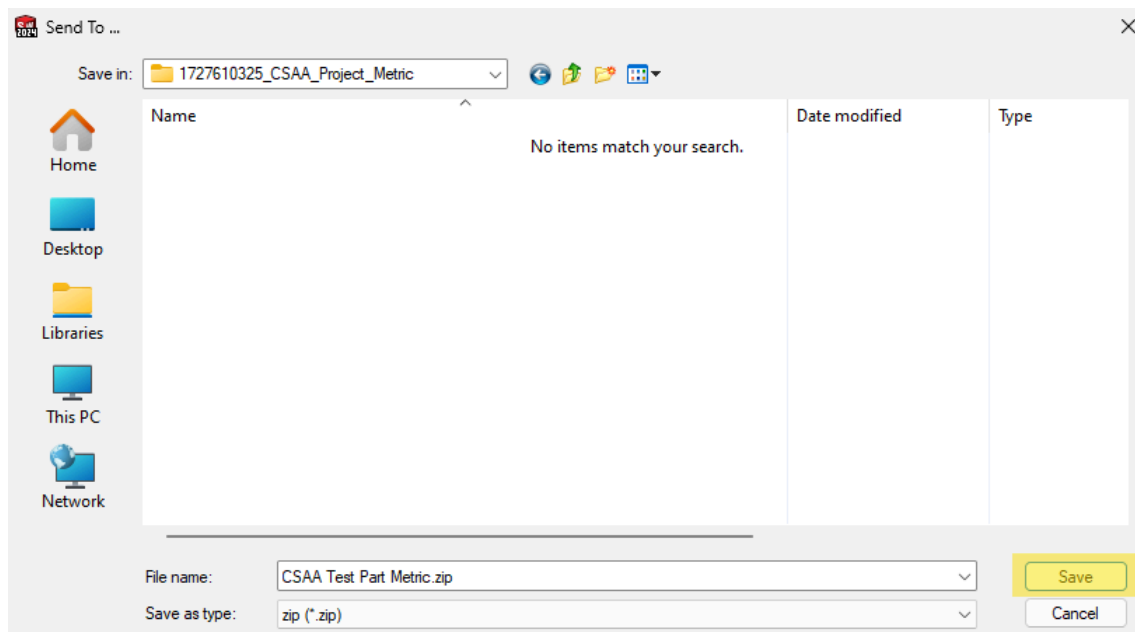
13. Kada završite sa programiranjem pozicije, desnim klikom miša odaberite “CAM-Part -> Send To... -> Folder”



14. Odaberite „Package for end user“ i kliknite OK



15. Spremite na računalo.



16. Na portalu odaberite „*Upload a file*“ i učitajte generiranu zip datoteku sa programom.

Certified SolidCAM Academic Associate 225 points < The Project Files More

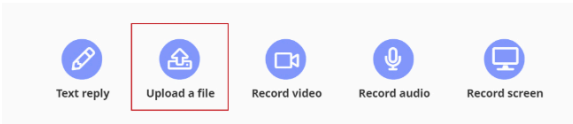
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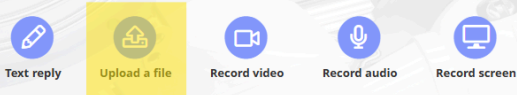


Text reply **Upload a file** Record video Record audio Record screen

*Please, use **.zip** file format.

To create a zip file on a PC, use the "Send to" option:

1. Select the file, files or folder you want to zip.
2. Right-click the selected file(s) or folder. With the file or folder selected, right-click all with your mouse.
3. Select "Send to". From the list of options, select "Compressed (zipped) folder". A new zipped folder will appear containing your zipped data. To rename the folder, right-click the folder and select "Properties".



Text reply **Upload a file** Record video Record audio Record screen

17. Po uspješnom učitavanju počekajte rezultate ocjenjivača (na mail ćete dobiti obavijest).

Certified SolidCAM Academic Associate 225 points < The Project Files More

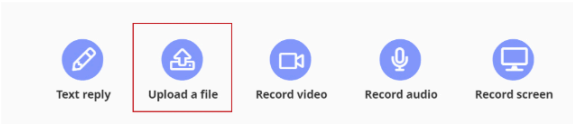
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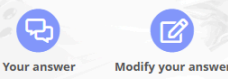
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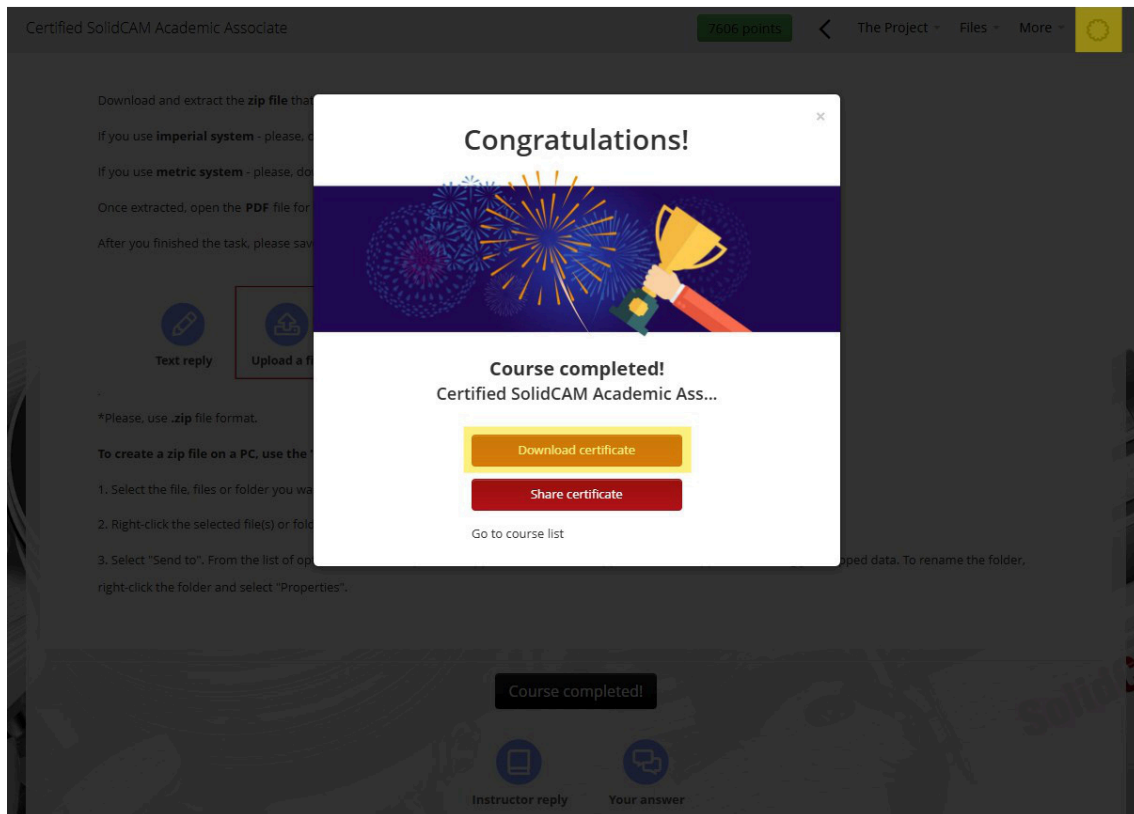
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Pending reply from Instructor



Your answer Modify your answer

18. Čestitamo, uspješno ste završili ovaj tečaj! Skinite certifikat odabirom „Download certificate“



19. Provjerite podatke na certifikatu, te isti pošaljite na email: mmarkovic@strojotehnika.hr

