

Meet the Instructor

As a Digital Sculptor at Nissan Design America, **Don Lloyd** spends most of his time creating and editing the aesthetic surfaces of the interiors and exteriors of Nissan vehicles with Autodesk® Alias® software. "Digital sculpting is such a fulfilling career. Taking a sketch and turning it into the shapes that will be driving down the road is fun and challenging."

Don has worked with some truly extraordinary digital sculptors. "I have learned a great deal from them, and enjoy passing on those skills." Don is passionate about teaching and guiding people to be able to use Alias to its fullest to create great products. "Starting the digital sculpting classes at Schoolcraft has been very exciting and I look forward to having students successfully complete all four levels of classes and earn the Digital Sculptor Certificate."



Continuing Education and Professional Development

18600 Haggerty Road
Livonia, MI 48152
734-462-4448
cepd@schoolcraft.edu
www.schoolcraft.edu/cepd
Facebook.com/schoolcraftcepd

It is the policy of Schoolcraft College that no person shall, on the basis of race, religion, color, gender, age, marital status, disability, sexual orientation, and/or national origin, be subjected to discrimination during or be excluded from participating in or be denied the benefits of any program or activity or in employment.



Board of Trustees

Brian D. Broderick Chair
Carol M. Strom Vice Chair
Joan A. Gebhardt Secretary
Terry Gilligan Treasurer
Gretchen Alaniz Trustee
Dillon E. Breen Trustee
William P. Erwin, Jr. Trustee
Conway A. Jeffress, Ph.D., President

Digital Sculptor Certificate



Earn a certificate in Digital Sculpting with Autodesk® Alias®

Schoolcraft College
Continuing Education
AND Professional Development



Welcome to college.
schoolcraft.edu



Developed with input from industry experts, this four-course certificate in Digital Sculpting with Autodesk® Alias® can put successful students on the path to a great career.

Companies looking for Digital Sculptors include Ford, General Motors, Nissan, BMW, Hyundai KIA, Navistar, Apple, Oakley, Polaris, Intel, Fitbit, and many more.

Learn to create beautiful 3D surfaces.



CES2–6241 Digital Sculpting with Autodesk® Alias®

Are you interested in exploring 3D industrial design? Autodesk Alias is the standard software for sculpting aesthetic surfaces in the automotive and product design industries. This course introduces you to Alias 3D digital surfacing software. You will learn basic surface modeling techniques and gain an understanding of the capabilities of Alias. Completed class project will be 3D printed. Explore the doors this skill may open for you! **Requirement:** access to a 64-bit OS PC or Mac with high-speed Internet connection to complete assignments. **Prerequisite:** strong computer proficiency

CES2–6274 Digital Sculpting with Autodesk® Alias®—Level 2

Continue your exploration of this powerful software with more techniques for creating surface models. Surface theory and surface transition techniques will be covered in detail. Create surface models using sketches and basic package requirements. Emphasis is placed on creating models in a way that allows for rapid changes and high quality results. Student's sculpting project will be 3D printed. **Requirement:** access to a 64-bit OS PC or Mac with high-speed Internet connection. **Prerequisite:** CES2 6241 Digital Sculpting with Autodesk Alias.

Begin a basic portfolio and take home a 3D print of your final project from each class.

CES2–6285 Digital Sculpting with Autodesk® Alias®—Level 3

Take your Autodesk Alias skills to the next level. You will learn how to surface over 3D scan data. Learn direct manipulation of surfaces and other specific techniques to achieve smooth results in difficult areas. Understand working with manufacturing and packaging requirements. Explore visualization techniques in both Alias and VRED. Student's sculpting project will be 3D printed. **Requirement:** access to a 64-bit OS PC or Mac with high-speed internet connection. **Prerequisite:** CES2 6241 Digital Sculpting with Autodesk Alias and CES2 6274 Digital Sculpting with Autodesk Alias: Level 2.

CES2–6303 Digital Sculpting with Autodesk® Alias®—Level 4

Complete your Digital Sculptor Certificate with this fourth class. Understand creating Class-A surface while maintaining design intent. Learn techniques for complex and troublesome areas. Adding finishing details to surface models for presentation will be taught. Student's final sculpting project will be 3D printed. **Requirement:** access to a 64-bit OS PC or Mac with high-speed Internet connection. **Prerequisite:** CES2 6241 Digital Sculpting with Autodesk Alias, CES2 6274 Digital Sculpting with Autodesk Alias: Level 2, CES2 6285 Digital Sculpting with Autodesk Alias: Level 3.

Demonstrate your skills at the Student Showcase held at the conclusion of the Level 4 class.

Learn more at
www.schoolcraft.edu/cepdalias