



Avram Aranbayev
Avi@stonerosedesigns.com
Cell: 646 879 1259
Office Hours: By appointment

Spring 2020
Monday, Tuesday & Thursday
10 – 12:30PM

Course Description:

This program is designed to inculcate students all the knowledge and skills necessary for designing and producing a high standard jewelry piece. Throughout the program students will learn about all aspects of jewelry, gems and acquire knowledge for problem solving & innovation.

Objectives: As a result of this program, you will be able to:

- Understand the principles of jewelry design
- Interpret a 2d design into a 3 model
- Understand and assimilate all technical aspect relating to jewelry
- Understand jewelry metalsmithing
- Understand Gem Setting
- Design in an effective and time saving manner jewelry pieces
- Model and print a 3d model

Required Texts:

- The Basic of Jewelry: Terminology and Design Guide
- Jewelry Software Manual

COURSE CALENDAR

These dates are subject to change at the discretion of the instructor

DAY	DATE	AGENDA/TOPIC	DUE ON THIS DATE
TBA	Day 1-2	Introduction / Syllabus review	<input type="checkbox"/> Please have syllabus in front of you
TBA	Beginning Week 2	<ul style="list-style-type: none"> • Introduction to jewelry • Principles of design • Jewelry Terminology 	<input type="checkbox"/> The Basics of Jewelry: Terminology and Design Guide review <input type="checkbox"/> Quiz
TBA	End Of Week 7	<ul style="list-style-type: none"> • CAD interface overview • Modeling process • CAD program functions, tools and commands • Different types of jewelry settings 	<input type="checkbox"/> Quiz <input type="checkbox"/>
TBA	End Of Week 9	<ul style="list-style-type: none"> • Modeling & Gem Setting: Creating your 1st jewelry piece and gem setting 	<input type="checkbox"/> Design Project I
TBA	End Of Week 13	<ul style="list-style-type: none"> • Interpreting 2d design to 3d model 	<input type="checkbox"/> Design Project II
TBA	End Of Week 14	<ul style="list-style-type: none"> • Intermediate Gem setting • Technical parametric & Assembly 	<input type="checkbox"/> <input type="checkbox"/> Design Project III
TBA	End Of Week 17	<ul style="list-style-type: none"> • Free Form: modeling functions, commands & parametric 	<input type="checkbox"/> <input type="checkbox"/> Design Project IV
TBA	End Of Week 19	<ul style="list-style-type: none"> • Advance Gem setting 	<input type="checkbox"/> <input type="checkbox"/> Design Project V
TBA	End Of Week 20	<ul style="list-style-type: none"> • Portfolio & Collection creation • Realistic Rendering 	<input type="checkbox"/> Portfolio & Collection Presentation
TBA	End Of Week 24	<ul style="list-style-type: none"> • 3D Printing • Jewelry Mechanism 	<input type="checkbox"/> FINAL PROJECT

PROGRAM REQUIREMENT

	DESCRIPTION	GRADE
Jewelry Principles & Quizzes	This course will be reading intensive. For each reading assignment, you will either complete a reading guide or take a quiz. Quizzes cannot be made up due to absence but you will be permitted to drop your lowest quiz grade.	150points
Professionalism	<p>Professionalism will be determined based on several factors:</p> <ul style="list-style-type: none"> • Attendance & Punctuality: 30 points. 3 absences will be excused. Every subsequent absence will take 5 points off this grade. 3 tardiness will be counted as an absence • Professional Behavior in class: 30 points. Inappropriate cell phone use, excessive socializing and lack of attentiveness are some examples of behaviors that can cause this score to drop • Participation in class: 40 points. Asking questions that move class discussion forward, giving your best effort to every activity, doing your part to contribute to group work and speaking up when you are confused are all important aspects of this score 	100points
Design Projects	There will be X design projects. You will receive for each project a sheet with all relevant specifications and details. You are required to complete all designs projects.	350points
Final Project		400points
		1000 points