West Virginia University at Parkersburg **Uniform Course Syllabus (UCS)**

Course # 122 Fundamentals of Three Dimensional Design

Credit Hours: 3 Hrs
Scheduled hours per week
6 studio hours per week

Catalog Course Description Continuation of ART 121, introducing three dimensional arts concerns using wire, plaster, wood, clay, cardboard and metals to investigate functional and sculptural problems.

Pre-requisites: ART 121

Co-requisites: None

Course Learning Outcomes:

- The student will be introduced to the four basic methods used to make sculpture: manipulation, subtraction, substitution, and assemblage.
- The student will be introduced to common sculpture and 3-D design materials: cardboard/foam board, clay, plaster, wood, wire, cast metals, and sheet metals.
- The student will develop and appropriate sense of craftsmanship for each material used in creating designs and three-dimensional works of art.
- The student will acquire increased skill in using design elements with three dimensional problems: space, line, shape, form, color, value, texture and pattern.
- The student will acquire increased skill in using the principles of design with three-dimensional constructions: balance, symmetry, variety, rhythm, emphasis, domination and subordination, movement, and unity.
- The student will learn to perceive and respond to their own and others' three dimensional designs and works of art.
- The student will gain insight into the work of selected sculpture movements and ideas employed by important sculptors in the twentieth century.

Topics to be studied:

- Formal aesthetics including the elements of art and the principles of design.
- Technical/Functional: Creating stable and viable forms in space.
- Manipulation: modeling, Subtraction: carving.
- Substitution: casting.
- Assemblage: combining forms.
- Properties of Materials.
- Tensile strength and Compressive strength.
- Ductility and Malleability.
- Mass, gravity and the center of gravity.
- Symbolic/Expressive Issues: Experiential and associative meanings.
- The power of color.
- Size and scale.
- The sculpture of the West in the twentieth century.
- Objects from traditions: Non-Western societies.
- Associations of materials and tactile properties of materials.

Relationship of Course to Discipline Learning Outcomes	
Students will develop the necessary nomenclature to speak and write about the arts.	X
Students will distinguish among significant media, time periods, styles, and genres.	X
Students will understand the significance of the arts within historical and cultural contexts.	X
Students will experience art activities and events in the local community.	X
Students will become aware of the arts in their daily lives and recognize the influences of the arts in contemporary art.	X

Relationship of Course to General Education Learning Outcomes:	
Composition and Rhetoric Students illustrate a fundamental understanding of the best practices of communicating in English and meet the writing standards of their college or program-based communication requirements.	X
Science & Technology Students successfully apply systematic methods of analysis to the natural and physical world, understand scientific knowledge as empirical, and refer to data as a basis for conclusions.	
Mathematics & Quantitative Skills Students effectively use quantitative techniques and the practical application of numerical, symbolic, or spatial concepts.	
Society, Diversity, & Connections Students demonstrate understanding of and a logical ability to successfully analyze human behavior, societal and political organization, or communication.	X
Human Inquiry & the Past Students interpret historical events or philosophical perspectives by identifying patterns, applying analytical reasoning, employing methods of critical inquiry, or expanding problem-solving skills.	X
The Arts & Creativity Students successfully articulate and apply methods and principles of critical and creative inquiry to the production or analysis of works of art.	X

Special requirements of the course:

Additional information:

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