

CABINETMAKING (CAB)

MISSION: The cabinetmaking program provides students with the knowledge of hand tools, power tools, and other industry related equipment geared towards the promotion of excellent workmanship in cabinetmaking.

Despite the development of sophisticated plastics and other materials, the demand for wood products continues unabated. Helping to meet the demand are woodworkers. Graduates of the program are found in industries that use wood to produce furniture, cabinets, musical instruments, and other fabricated wood products; and in small shops that make architectural woodwork, furniture and many other specialty items. Production woodworkers set up, operate, and tend woodworking machines such as power saws, planers, sanders, lathes, jointers, and routers that cut and shape components from lumber, plywood, and other wood products. This program consists of one short certificate.

CABINETMAKING Short Certificate – 29 Credit Hours

Note: PSY 100 Orientation and WKO 107 Workplace Skills Preparation are required during the first semester of attendance for all students entering this program.

		Semester Hours
• PSY 100	Orientation	1
• WKO 107	Workplace Skills Preparation	1
• CAB 101	Introduction to Cabinetmaking	3
• CAB 102	Introduction to Lumber	3
• CAB 103	Sizes, Dimension and Joints	3
• CAB 104	Cabinet Shop Operations	3
• CAB 140	Wood Finishing Fundamentals	2
• CAB 141	Wood Finishing	2
• CAB 181	Refinishing Furniture and Antiques	3
• CAB 204	Cabinetmaking and Millwork	5
• CAB 211	Cabinet Installation and Trim Work	3

CARPENTRY (CAR)

MISSION: The carpentry program provides students with job preparation through job related live-work experiences: studying the history and theory of working and producing goods and products with wood and related materials. The student will gain experience and knowledge of hand tools, power tools, and other industry related equipment.

Included in the course of study is an introduction to basic joists, job planning, blueprint reading, layout and excavation, foundation and form building, floors, walls, ceilings, and roofing. Interior and exterior finishes are also covered in carpentry. This program consists of one short certificate.

CARPENTRY Short Certificate – 29 Credit Hours

Note: PSY 100 Orientation and WKO 107 Workplace Skills Preparation are required during the first semester of attendance for all students entering this program.

		Semester Hours
• PSY 100	Orientation	1
• WKO 107	Workplace Skills Preparation	1
• CAR 111	Construction Basics	3
• CAR 112	Floors, Walls, Site Preparation	3
• CAR 113	Floors, Walls, Site Preparation Lab	3
• CAR 114	Introduction to Tools and Materials	3
• CAR 121	Introduction to Blueprint Reading	3
• CAR 131	Roof and Ceiling Systems	3
• CAR 132	Interior and Exterior Finishing	3
• CAR 133	Roof and Ceiling Systems Lab	3
• CAR 230	Residential Repair and Remodeling	3

COMMERCIAL ART AND ILLUSTRATION (CAT)

MISSION: The mission of the Commercial Art program is to prepare students for employment or advancement as practitioners in the field of commercial art. The program prepares students to become respected, responsible members of society by stressing good work habits, excellent craftsmanship, and ethical conduct.

Students with creativity, motivation, and talent find the Commercial Art program an ideal place to prepare for careers in advertising agencies, art studios, mass media, newspaper and TV enterprises, and publishing. Graduates can elect to become free-lance commercial artists or photographers. This program consists of one short-certificate, one certificate, and one A.O.T. degree option.

COMMERCIAL ART AND ILLUSTRATION Short Certificate – 26 Hours

Note: PSY 100 Orientation and WKO 107 Workplace Skills Preparation are required during the first semester of attendance for all students entering this program.

		Semester Hours
• PSY 100	Orientation	1
• WKO 107	Workplace Skills Preparation	1
• CAT 111	Introduction to Computers	3
• CAT 114	Introduction to Computer Graphics	3
<i>Select 18 credit hours from the following courses:</i>		
• ART 113	Drawing I	3
	or	
• CAT 118	Design Drawing	3
• ART 121	Two Dimensional Composition I	3
	or	
• CAT 130	Principles of Design	3
• CAT 120	Computer Graphics	3
• CAT 122	Technical Processes	3
• CAT 123	Computer Drawing	3

• CAT 128	Electronic Page Layout and Assembly	3
• CAT 132	Basic Advertising Design	3
• CAT 142	Intermediate Advertising Design	3
• CAT 150	Advanced Advertising Design	3
• CAT 152	Digital Photography	3
• CAT 160	Portfolio	3
• CAT 170	Web Site Development	3
• CAT 180	Current Topics	3
• CAT 182	3D Graphics and Animation	3
• CAT 191	Cooperative Work Experience	1
• CAT 192	Cooperative Work Experience	2

COMMERCIAL ART AND ILLUSTRATION Certificate – 45 Credit Hours

Note: PSY 100 Orientation and WKO 107 Workplace Skills Preparation are required during the first semester of attendance for all students entering this program.

	Semester Hours
General Studies Courses	12
Composition	3
• COM 100 Career Technical English	
Computers	3
• CIS 146 Microcomputer Applications*	
Mathematics	3
• MAH 101 Introductory Technical Math I	
Communications	3
<i>Select one of the following courses:</i>	
• SPC 103 Career Technical Speaking	
• SPH 107 Fundamentals of Public Speaking*	
<i>*Approved for the A.O.T. degree</i>	
Pre-Professional Courses	3
• PSY 100 Orientation	1
• WKO 107 Workplace Skills Preparation	1
• BSS 220 Professional Transition	1
Major Courses	30
• ART 113 Drawing I/OR	3
• CAT 118 Design Drawing	3
• ART 121 Two Dimensional Composition I/OR	3
• CAT 130 Principles of Design	3
• CAT 111 Introduction to Computers	3
• CAT 114 Introduction to Computer Graphics	3
• CAT 123 Computer Drawing	3
• CAT 128 Electronic Page Layout and Assembly	3
• CAT 132 Basic Advertising Design	3
• CAT 142 Intermediate Advertising Design	3
• CAT 160 Portfolio	3
<i>Select 3 credit hours from the following courses:</i>	
• CAT 120 Computer Graphics	3
• CAT 122 Technical Processes	3
• CAT 150 Advanced Advertising Design	3
• CAT 152 Digital Photography	3
• CAT 170 Web Site Development	3
• CAT 180 Current Topics	3
• CAT 182 3D Graphics and Animation	3
• CAT 191 Cooperative Work Experience	1
• CAT 192 Cooperative Work Experience	2

COMMERCIAL ART AND ILLUSTRATION AOT Degree – 68 Credit Hours

Note: PSY 100 Orientation and WKO 107 Workplace Skills Preparation are required during the first semester of attendance for all students entering this program. The A.O.T. degree requires a high school diploma or its equivalent.

Major: Commercial Art (CAT) Certificate

Minor: Graphics and Prepress (GPC)

	Semester Hours
General Studies Courses	26
• RDG 114 Critical Reading for College	2
Area I – Written Composition	3
• ENG 101 English Composition I	
Area II – Humanities & Fine Arts	6
• SPH 107 Fundamentals of Public Speaking	
• Humanities and Fine Arts Course	
Area III – Natural Science & Mathematics	12
• Two 1-hour PED activity courses	2
• Natural Science Course	4
• CIS 146 Microcomputer Applications	3
• MTH 100 Intermediate College Algebra	3
Area IV – History, Social, & Behavioral Sciences	3
• History, Social, or Behavioral Science Course	
Area V – Minor/Elective Courses	12
<i>Select 12 credit hours from the following courses:</i>	
• GPC 112 Intro to the Graphic Com. Industry	3
• GPC 130 Basic Electronic Page Production	3
• GPC 132 Advanced Electronic Page Production	3
• GPC 134 Digital Prepress	3
• GPC 150 Basic Printing and Press Operations	3
• GPC 152 Advanced Printing and Press Operations	3
• GPC 180 Current Topics	3