

Glendale Community College

Technology & Aviation Division

Program Student Learning Outcomes

Administration of Justice

The purpose of the Administration of Justice program is to prepare students for employment within the fields of law enforcement, corrections, and the judicial system.

1. Students will demonstrate concepts of criminal law.
2. Students will demonstrate knowledge of the various procedures used by local law enforcement entities.

Architectural Technology

The purpose of the Architectural Technology program is to prepare students for employment within the field of architecture and other architectural support fields.

1. Students will demonstrate skills required in the production of working drawings for use in the architectural industry.
2. Students will apply the skills required to prepare a portfolio of their work for transfer to a 4 or 5 year architectural degree program.

Aviation and Transportation

The purpose of the Aviation and Transportation program is to provide flight training and to prepare students for employment within the field of the airline industry.

1. Students will demonstrate the skills required to gain a pilot's license.
2. Students will demonstrate the skills required for use as a flight attendant.

Culinary Arts

The purpose of the Culinary Arts program is to prepare students for employment in the food service industry.

1. Students will demonstrate skills required in the fields of food preparation, sanitation, and service.
2. Students will demonstrate skills required in the field of restaurant management.

Computer Aided Manufacturing

The purpose of the Computer Aided Manufacturing program is to prepare students for employment within the area of manufacturing with an emphasis placed on the computerized manufacturing industry.

1. Students will demonstrate skills in the use of appropriate computer software used in the creation computer numerical control programs.
2. Students will demonstrate the use of various computer numerical control machines.

Electronics & Computer Technology

The purpose of the Electronics & Computer Technology program is to prepare students for employment within the area of Electronics & Computer Technology.

1. Students will demonstrate the skills required to perform various tasks in the field of residential and commercial wiring.
2. Students will demonstrate the skills needed to aid in the eventual certification by the Electronics Technician Association International (ETA).

Engineering Support

The purpose of the Engineering Support program is to prepare students for employment within the area of Engineering with an emphasis placed on drafting and design.

1. Students will demonstrate the skills required to perform various tasks in the field of drafting and design to support the engineering industry.
2. Students will demonstrate knowledge of various engineering technology concepts.

Fire Technology

The purpose of the Fire Technology program is to prepare students for employment within the area of fire fighting and support organizations.

1. Students will demonstrate knowledge of the concepts of fire fighting.
2. Students will apply the skills necessary to enter into and graduate from a municipal or county fire academy.

Hotel & Tourism Management

The purpose of the Hotel & Tourism Management program is to prepare students for employment within the areas of hotel management, travel and related services, event meeting and planning, and food and beverage operations.

1. Students will demonstrate skills required in the field of hotel management.
2. Students will demonstrate skills required in the field of event meeting and planning.
3. Students will demonstrate skills required in the field of food and beverage operations.

Machine Technology

The purpose of the Machine Technology program is to prepare students for employment within the area of manufacturing with an emphasis placed on the manual machining industry.

1. Students will demonstrate the use of various machine tools used in the manufacturing process.
2. Students will demonstrate the use of various computer numerical control machines.

Welding & Metallurgy

The purpose of the Welding & Metallurgy program is to prepare students for employment within the area of welding and to aid in the completion of a welding certification.

1. Students will demonstrate the skills required in various form of gas welding and metallic arc welding.
2. Students will demonstrate the uses and testing of metals used in manufacturing industries.