

Jackson Central-Merry Early College High School

Concentration Pathways

Jackson State Community College (JSCC) and the Tennessee College of Applied Technology (TCAT) offer Jackson Central-Merry Early College High Students a variety of educational opportunities. The JSCC transfer pathways consist of pathways in several academic and pre-professional areas designed for students desiring to transfer to a four-year college or university to work toward a baccalaureate degree. The JSCC pre-requisite pathway allows students to complete pre-requisites required for selective admission programs. The JSCC professional/technical pathway allows students to complete training required for employment while also receiving the AAS degree. The TCAT offers technical certifications that allow students to learn through job-specific training. The four pathways below are the four focus areas of Jackson Central-Merry Early College High. While we focus on these pathways students can also choose other programs of study through JSCC and TCAT.

Pathway 1 - Computer Information Systems:

A. (JSCC Transfer Pathway to AS degree)

The transfer pathway allows the student to complete an Associate of Science degree in areas such as Information Systems, Computer Programming, etc.

B. (JSCC Professional/Technical Pathway to AAS degree)

The professional/technical pathway allows students to complete training required for employment by receiving the Associate of Applied Science degree. Programs in this area include Computer Information Technology with concentrations in Cyber Defense, Networking, Programming, etc.

C. (TCAT Technical Certification)

The TCAT offers students training that leads to a technical certification in areas such as Computer Information Technology, Computer Information Systems, etc.

Pathway 2 – Health Sciences:

A. (JSCC Transfer Pathway to AS degree)

The transfer pathway allows the student to complete an Associate of Science degree in areas such as Pre-Health Professions, Physical Therapy, Occupational Therapy, etc.

B. (JSCC Pre-requisite Pathway to AAS degree)

The pre-requisite pathway allows students to complete pre-requisites required for selective admission programs that grant an Associate of Applied Science degree. Programs in this area include Nursing, Physical Therapy Assistant, Occupational Therapy Assistant, Emergency Medical Technician, Radiology, etc.

Pathway 3 - Teaching:

Associate of Science in Teaching (JSCC Transfer Path)

The transfer pathway allows the student to complete an Associate of Science in Teaching degree for those students interested in becoming elementary teachers.

Associate of Science or Associate of Arts (JSCC Transfer Path)

Students wanting to receive secondary certification must major in a specific area such as Art, Biology, Chemistry, English, History, Mathematics, etc.

Pathway 4 - Advanced Manufacturing:

A. (JSCC Transfer Pathway to AS degree)

The transfer pathway allows the student to complete an Associate of Science degree in areas such as Mechanical Engineering, Civil Engineering, Electrical Engineering, etc.

B. (JSCC Professional/Technical Pathway to AAS degree)

The professional/technical pathway allows students to complete training required for employment by receiving the Associate of Applied Science degree. Programs in this area include Industrial Technology: Multi Skilled Maintenance Technician Concentration, etc.

C. (TCAT Technical Certification)

The TCAT offers students training that leads to a technical certification in areas such as Welding Technology, Machine Tool Technology, Industrial Maintenance Technology, Heating, Ventilation, Air Conditioning/Refrigeration, Drafting and CAD Technology, Collision Repair Technology, Automotive Technology, Administrative Office Technology, Tool and Die, etc.

