

At JCC, academic areas are organized into six career pathways to address the variety of career and training options in related fields. Within each career pathway, students can choose between certificate and associate degree programs designed to provide skills for immediate employment or job advancement. Each career pathway also offers several transfer programs for students who plan to pursue advanced degrees at four-year colleges or universities. Based on their career goals, JCC students can find a career pathway that matches their knowledge, skills and attributes. The six career pathways are:

- Arts & Communication
- Business, Management, Marketing & Technology
- Engineering/Manufacturing & Industrial Technology
- Health Sciences
- Human Services
- Natural Resources & Agriscience

ARTS & COMMUNICATION CAREER PATHWAY

This pathway includes careers related to the humanities and the performing, visual, literary and media arts. This career path may include careers in writing, journalism, web design, foreign language, radio and television broadcasting and public relations.

DEGREES/CERTIFICATES

Visual Communication

- Graphic Design
- Web Design

TRANSFER PROGRAMS IN THE ARTS & COMMUNICATION PATHWAY

The first two years of a student's college education usually consist of general education courses, introductory courses in a major and/or program of study and selected electives. Refer to pages 35 for additional information on transfer and MACRAO. Academic advisors will assist students in planning their transfer program. They can also provide transfer guide sheets indicating JCC courses that meet the requirements of various programs of study at four-year colleges. Sample curricula for a few popular transfer programs are included.

- Art • English • History • Music • Theatre

Jackson Community College has published this catalog for information purposes only and its contents do not constitute a contract between this institution and prospective or enrolled students. The information contained in this general College Catalog reflects the current curricula, policies and regulations of the College. However, these are subject to change at any time by action of the Board of Trustees or the administration. The information is generally believed to be accurate, but the College disclaims liability for inadvertent errors or omissions.

VISUAL COMMUNICATION/ GRAPHIC DESIGN — ASSOCIATE IN APPLIED SCIENCE

The graphic design program prepares students for entry-level positions in design organizations. Graphic design graduates find employment in a variety of settings including the publication and printing industries, advertising and marketing organizations, and graphic design department of corporations, government agencies and retailers.

Minimum credits:63
Minimum cumulative GPA:	2.0
Minimum grade in all courses:	2.0
Minimum JCC credits:	12
MACRAO Agreement:	No

GENERAL EDUCATION REQUIREMENTS — (17 credits)

ENGLISH (3 credits)

ENG 131 Writing Experience	3
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MATHEMATICS — (3 credits)

MTH 120 Beginning Algebra or higher	4
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SCIENCE — (4 credits)

Choose one of the following:

BIO 131 General Biology	4
BIO 132 Human Biology	4
CEM 131 Fundamentals of Chemistry	4
CEM 141 General Chemistry I	5
GEL 160 Introduction to Geology	4
NSC 131 Contemporary Science	4
PHY 131 Conceptual Physics	4
PHY 151 Astronomy	4

SOCIAL SCIENCE — (3 credits)

ECN 231 Macroeconomics	3
ECN 232 Microeconomics	3

HUMANITIES — (3 credits)

Choose one of the following:

ART 111 Art History: Prehistoric to 1400	3
ART 112 Art History: Renaissance to Present	3
ENG 210 Introduction to Film	3
ENG 236 Women in a Changing Society	3
ENG 246 Short Story & Novel	3
ENG 247 Poetry and Drama	3
ENG 249 African American Literature	3
ENG 252 Shakespeare	3
ENG 254 Children's Literature	3
ENG 255 American Literature -19th Century	3
ENG 256 American Literature -20th Century	3
ENG 257 World Literature I	3

HUM 131 Cultural Connections	3
MUS 130 Survey of Non-Western Music	3
MUS 131 Understanding Music	3
MUS 132 History of American Popular Music	3
MUS 133 Music Education	3
MUS 151 Music Theory I	4
MUS 152 Music Theory II	4
PHL 231 Introduction to Philosophy	3
PHL 232 Logic	3
THR 116 Introduction to Theatre	3

HEALTH/PHYSICAL FITNESS — (1 credit)**Choose one of the following:**

HPF 160 Wellness	1
HPF 168 Weight Training & Conditioning	2
HPF 221 Jazz Techniques	3
HPF 277 Stress Management	2

RELATED REQUIREMENTS — (15 credits)

BUA 100 Contemporary Business	3
BUA 120 Human Relations in Business	3
BUA 231 Advertising, Promotion and Public Relations	3
CIS 101 Introduction to Computer Systems	3
ENG 232 Technical & Business Writing	3

GRAPHIC DESIGN CORE REQUIREMENTS — (31 credits)

ART 101 Two-Dimensional Design or ART 103 Drawing or ART 152 Painting & Composition	3
CIS 128 Typography & Layout	3
CIS 130 Desktop Publishing (Adobe® PageMaker®)	3
CIS 132 Graphic Illustration (Adobe® Illustrator®)	3
CIS 134 Graphic Imaging (Adobe® Photoshop®)	3
CIS 228 Desktop Publishing II (QuarkXPress®)	3
CIS 230 Practicum in Printing	4
CIS 232 Integrated Design (Adobe® InDesign®)	3
CIS 234 Graphic Technology Applications	3
CIS 245 Internship	3

SUGGESTED COURSE SEQUENCE**First Semester**

ART 101, 103 or 152, ENG 131, CIS 101, CIS 130

Second Semester

BUA 100, ENG 232, CIS 128, CIS 134

Third Semester

Health & Physical Fitness requirement, Science requirement and Social Science requirement

Fourth Semester

BUA 120, CIS 132, CIS 228, CIS 230

Fifth Semester

BUA 231, CIS 232, CIS 234, MTH 120 or higher

Sixth Semester

CIS 245, Humanities requirement

**VISUAL COMMUNICATION/
GRAPHIC DESIGN — CERTIFICATE**

Minimum credits:	40
Minimum cumulative GPA:	2.0
Minimum grade in all courses:	2.0
Minimum JCC credits:	12
MACRAO Agreement:	No

GENERAL EDUCATION REQUIREMENTS - (9 credits)

CIS 101 Introduction to Computer Systems	3
ENG 131 Writing Experience	3
MTH 120 Beginning Algebra or higher	3

GRAPHIC DESIGN CORE REQUIREMENTS - (31 credits)

ART 101 Two-Dimensional Design or ART 103 Drawing or ART 152 Painting & Composition	3
CIS 128 Typography & Layout	3
CIS 130 Desktop Publishing (Adobe® PageMaker®)	3
CIS 132 Graphic Illustration (Adobe® Illustrator®)	3
CIS 134 Graphic Imaging (Adobe® Photoshop®)	3
CIS 228 Desktop Publishing II (QuarkXPress®)	3
CIS 230 Practicum in Printing	4
CIS 232 Integrated Design (Adobe® InDesign®)	3
CIS 234 Graphic Technology Applications	3
CIS 245 Internship	3

SUGGESTED COURSE SEQUENCE**First Semester**

CIS 101, CIS 130, CIS 132, CIS 228, CIS 230

Second Semester

ART 101, 103, or 152, CIS 128, CIS 134, CIS 232, CIS 234

Third Semester

CIS 245, ENG 131, MTH 120 or higher

VISUAL COMMUNICATION/ WEB DESIGN – ASSOCIATE IN APPLIED SCIENCE

A web designer combines type, graphics, animation, sound, and programming to create a complete experience for the web visitor. Web design is a cooperative process, and the designer may work with interface designers, marketing professionals, engineers, and computer technicians.

Minimum credits:	.62
Minimum cumulative GPA:	2.0
Minimum grade in all courses:	2.0
Minimum JCC credits:	.12
MACRAO Agreement:	No

GENERAL EDUCATION REQUIREMENTS – (17 credits)

ENGLISH – (3 credits)

ENG 131 Writing Experience	3
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MATHEMATICS – (3 credits)

MTH 120 Beginning Algebra or higher	3
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SCIENCE – (4 credits)

Choose one of the following:

BIO 131 General Biology	4
BIO 132 Human Biology	4
CEM 131 Fundamentals of Chemistry	4
CEM 141 General Chemistry I	5
GEL 160 Introduction to Geology	4
NSC 131 Contemporary Science	4
PHY 131 Conceptual Physics	4
PHY 151 Astronomy	4

SOCIAL SCIENCE – (3 credits)

ECN 231 Macroeconomics	3
ECN 232 Microeconomics	3

HEALTH/PHYSICAL FITNESS – (1 credit)

Choose one of the following:

HPF 160 Wellness	1
HPF 168 Weight Training & Conditioning	2
HPF 221 Jazz Techniques	3
HPF 277 Stress Management	2

HUMANITIES – (3 credits)

Choose one of the following:

ART 111 Art History: Prehistoric to 1400	3
ART 112 Art History: Renaissance to Present	3
ENG 236 Women in a Changing Society	3
ENG 246 Short Story & Novel	3
ENG 247 Poetry and Drama	3
ENG 249 African American Literature	3

ENG 252 Shakespeare	3
ENG 255 American Literature-19th Century	3
ENG 256 American Literature-20th Century	3
ENG 257 World Literature I	3
HUM 131 Cultural Connections	3
MUS 131 Understanding Music	3
MUS 132 History of American Popular Music	3
MUS 133 Music Education	3
MUS 151 Music Theory I	4
MUS 152 Music Theory II	4
PHL 231 Introduction to Philosophy	3
PHL 232 Logic	3
THR 116 Introduction to Theatre	3

RELATED REQUIREMENTS – (15 credits)

BUA 100 Contemporary Business	3
BUA 120 Human Relations in Business	3
BUA 231 Advertising, Promotion and Public Relations	3
CIS 101 Introduction to Computer Systems	3
ENG 232 Technical & Business Writing	3

WEB DESIGN CORE REQUIREMENTS – (30 credits)

ART 201 Three-Dimensional Design	3
CIS 023 Microsoft® FrontPage® Workshop	1
CIS 122 Microsoft® Access® Comprehensive	3
CIS 132 Graphic Illustration (Adobe® Illustrator®)	3
CIS 134 Graphic Imaging (Adobe® Photoshop®)	3
CIS 143 HTML	2
CIS 144 Web Page Design (Dreamweaver®)	3
CIS 232 Integrated Design (Adobe® InDesign®)	3
CIS 243 Web Animation (Macromedia® Flash®)	3
CIS 244 Web Programming	3
CIS 246 Web Integration with Database	3

SUGGESTED COURSE SEQUENCE

First Semester

ENG 131, CIS 023, CIS 101, CIS 143, Science Requirement

Second Semester

ART 201, BUA 100, CIS 122, CIS 246, Humanities Requirement

Third Semester

MTH 120 or higher, Health and Physical Fitness Requirement

Fourth Semester

BUA 120, CIS 132, CIS 243, ENG 232

Fifth Semester

BUA, 231, CIS 134, CIS 232, Social Science Requirement

Sixth Semester

CIS 144, CIS 244

VISUAL COMMUNICATION/ WEB DESIGN — CERTIFICATE

Minimum credits:	39
Minimum cumulative GPA:	2.0
Minimum grade in all courses:	2.0
Minimum JCC credits:	12
MACRAO Agreement:	No

GENERAL EDUCATION REQUIREMENTS — (9 credits)

CIS 101 Introduction to Computer Systems	3
ENG 131 Writing Experience	3
MTH 120 Beginning Algebra or higher	3

WEB DESIGN CORE REQUIREMENTS — (30 credits)

ART 201 Three-Dimensional Design	3
CIS 023 Microsoft® FrontPage® Workshop	1
CIS 122 Microsoft® Access® Comprehensive	3
CIS 132 Graphic Illustration (Adobe® Illustrator®)	3
CIS 134 Graphic Imaging (Adobe® Photoshop®)	3
CIS 143 HTML	2
CIS 144 Web Page Design (Dreamweaver®)	3
CIS 232 Integrated Design (Adobe® InDesign®)	3
CIS 243 Web Animation (Macromedia® Flash®)	3
CIS 244 Web Programming	3
CIS 246 Web Integration with Database	3

SUGGESTED COURSE SEQUENCE

First Semester

ART 201, CIS 023, CIS 101, CIS 122, CIS 132, CIS 143, CIS 243

Second Semester

CIS 134, CIS 232, CIS 246, ENG 131, MTH 120 or higher

Third Semester

CIS 144, CIS 244

TRANSFER PROGRAMS

ART

Visual artists create art to communicate ideas, thoughts or feelings. They use a variety of methods: painting, sculpting or illustration and an assortment of materials including watercolors, acrylics, pastels, pencils, pen and ink, plaster, clay and computers. Visual artists' works may be realistic, stylized or abstract and may depict objects, people, nature or events. Sample curricula for a few popular transfer programs are included.

Admittance to a four-year college art program is highly competitive. Check with the transfer institution to determine the admittance process. During the first semester of your freshman year, check whether ART classes will transfer to meet requirements of the transfer institution.

Some transfer institutions grant studio art credit ONLY upon approval of a portfolio.

SUGGESTED COURSE SEQUENCE FOR ART

First Year, Fall Semester

ART 101, ART 111, ENG 131, MTH 131 or 140*, MACRAO Science course

First Year, Winter Semester

ART 112, ART 201, ENG 132, MACRAO Science course, MACRAO Social Science course

Second Year, Fall Semester

ART 103, ART 152, MACRAO Social Science course, Non-art MACRAO Humanities course

Second Year, Winter Semester

ART 203, MACRAO Social Science course, Electives

**Check mathematics requirements at intended transfer institution.*

DANCE

Dancers use their bodies in a variety of ways to respond to social and political realities. Creative movement, awareness of the body in space and time and performance experience are all excellent training for careers that demand poise and confidence in public presentations. During your first semester, check on the transfer status of DAN classes with the university of your choice.

ENGLISH

Students who major or minor in English can find work in a variety of fields. Careers such as writing, teaching, library science, editing and publishing are directly related to specific studies in English language and literature. English is an excellent pre-law major. Many transfer institutions require that English majors have proficiency in a foreign language. The level of this proficiency varies - some require third-semester proficiency but more require fourth-semester proficiency.

SUGGESTED COURSE SEQUENCE FOR ENGLISH

First Year, Fall Semester

ENG 131, MTH 131 or MTH 140*, Foreign Language 131, MACRAO Science course

First Year, Winter Semester

ENG 132, ENG 246, Foreign Language 132, MACRAO Science course

First Year, Spring Semester

MACRAO Social Science courses

Second Year, Fall Semester

ENG 247, ENG 255, ENG 261, Foreign Language 231

Second Year, Winter Semester

ENG 252, ENG 256, Foreign Language 232, MACRAO Social Science course, SPH 231

**Check mathematics requirements of transfer institution.*

HISTORY

History examines the lives of people and the consequences of ideas. Study of the past reveals valuable achievements as well as dreadful mistakes, and in so doing helps us meet the unexpected challenges of our own day.

SUGGESTED COURSE SEQUENCE FOR HISTORY**First Year, Fall Semester**

ENG 131, HIS 131, MTH 131 or MTH 140*, MACRAO Science course

First Year, Winter Semester

ENG 132, GEO 132, HIS 132, PHL 231, MACRAO Science course

Second Year, Fall Semester

ECN 231, HIS 231, PLS 141, Electives

Second Year, Winter Semester

ECN 232, HIS 232, Electives

**Check mathematics requirements of transfer institution.*

MUSIC

Many occupations include music, the most obvious being a vocalist or musical entertainer. Others include songwriting, music teacher, music therapist, conductor, music critic or music librarian. Some music majors work on the business side of the industry and become agents or store owners.

Music students have access to the College's incredible performing arts complex, the George E. Potter Center. Students who qualify can study and perform with the Broadway Revue and the Community Concert Band. These provide valuable concert experiences as well as academic credit.

Admittance to a four-year college music program is highly competitive and requires an audition. It is recommended that students contact their intended transfer institution during their first year to schedule an audition time.

SUGGESTED COURSE SEQUENCE FOR MUSIC**First Year, Fall Semester**

ENG 131, MTH 131 or MTH 140*, MACRAO Science course, MUS 103***, MUS 151**, MUS 167****, MUS 129, MUS 190

First Year, Winter Semester

ENG 132, MACRAO Science course, MUS 152**, MUS 168****, MUS 129, or MUS 190

Second Year, Fall Semester

MUS 130, MACRAO Social Science courses, Non-music MACRAO Humanities course, MUS 129, or MUS 190

Second Year, Winter Semester

MUS 131, MACRAO Social Science course(s), MUS 129, or MUS 190

**Check mathematics requirements of transfer institution.*

***May need to take test at transfer institution to receive credit.*

****Semesters required depend on amount of prior piano study.*

*****Vocalists can take MUS 123/124 instead.*

THEATRE

Theatre students have access to the College's incredible performing arts complex, the George E. Potter Center and learn from professionally experienced faculty. Program emphasizes practical experience with requirements in studio and classroom work.

Career positions can include working as an actor, director, stage manager, set designer or in other theatre-related occupations.

SUGGESTED COURSE SEQUENCE FOR THEATRE**First Year, Fall Semester**

ENG 131, MTH 131 or MTH 140*, THR 145, MACRAO Science course

First Year, Winter Semester

ENG 132, PSY 140, THR 146, MACRAO Science course

Second Year, Fall Semester

THR 116, MACRAO Social Science and Humanities courses

Second Year, Winter Semester

THR 260, MACRAO Social Science and Humanities courses, electives

**Check mathematics requirements of transfer institution.*