



COMMUNICATING ABOUT GUIDED PATHWAYS

Areas of Study and Program Maps

INTRODUCTIONS: *Your Presenters*

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Chair, Math and Science

DISCUSSION QUESTION #1

**HOW HAVE GUIDED PATHWAYS
CHANGED THE STUDENT EXPERIENCE
AT YOUR COLLEGE?**

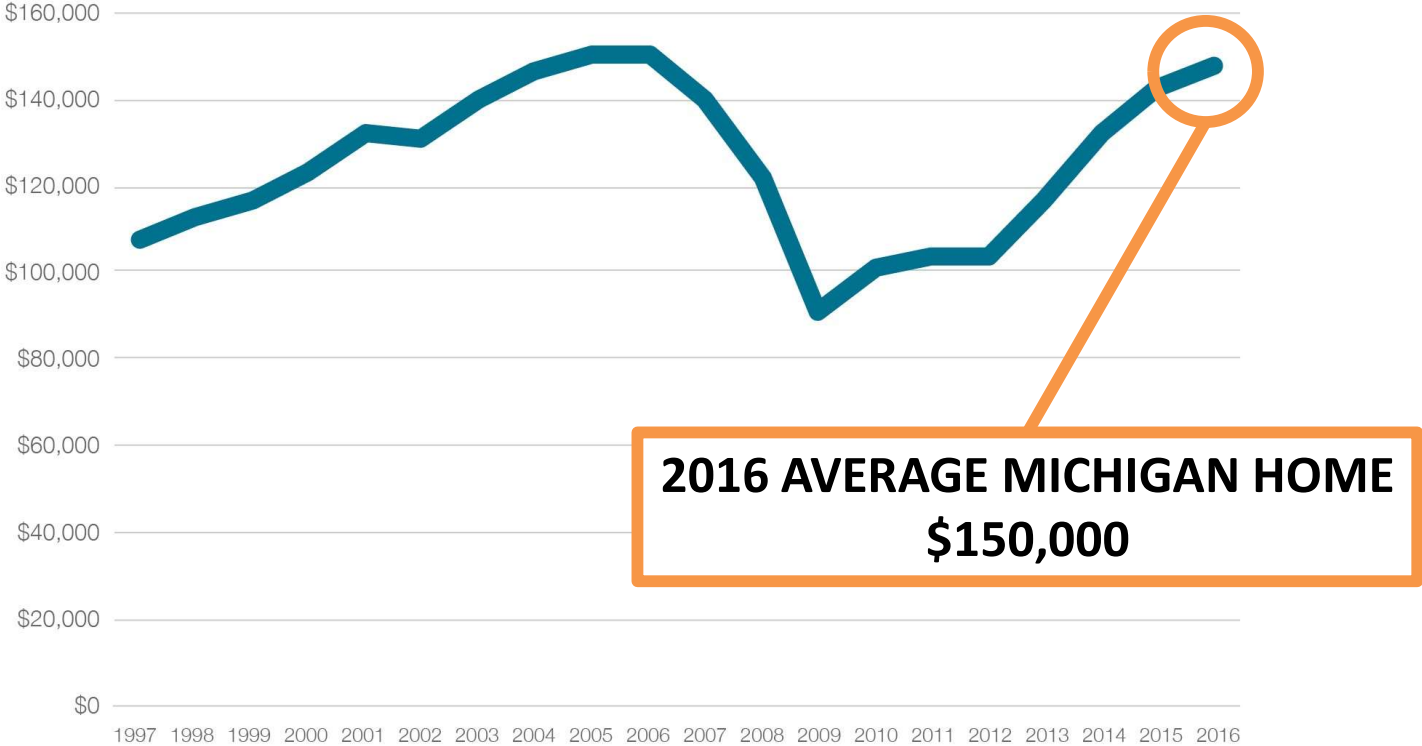
OUR STORY: *Guided Pathways @ KCC*

Initial Adoption

- ✦ **Guided Pathways Institute** = driving the milestones for implementation



June YTD Average Prices of Home Sales



**2016 AVERAGE MICHIGAN HOME
\$150,000**

Source: Michigan Association of Realtors

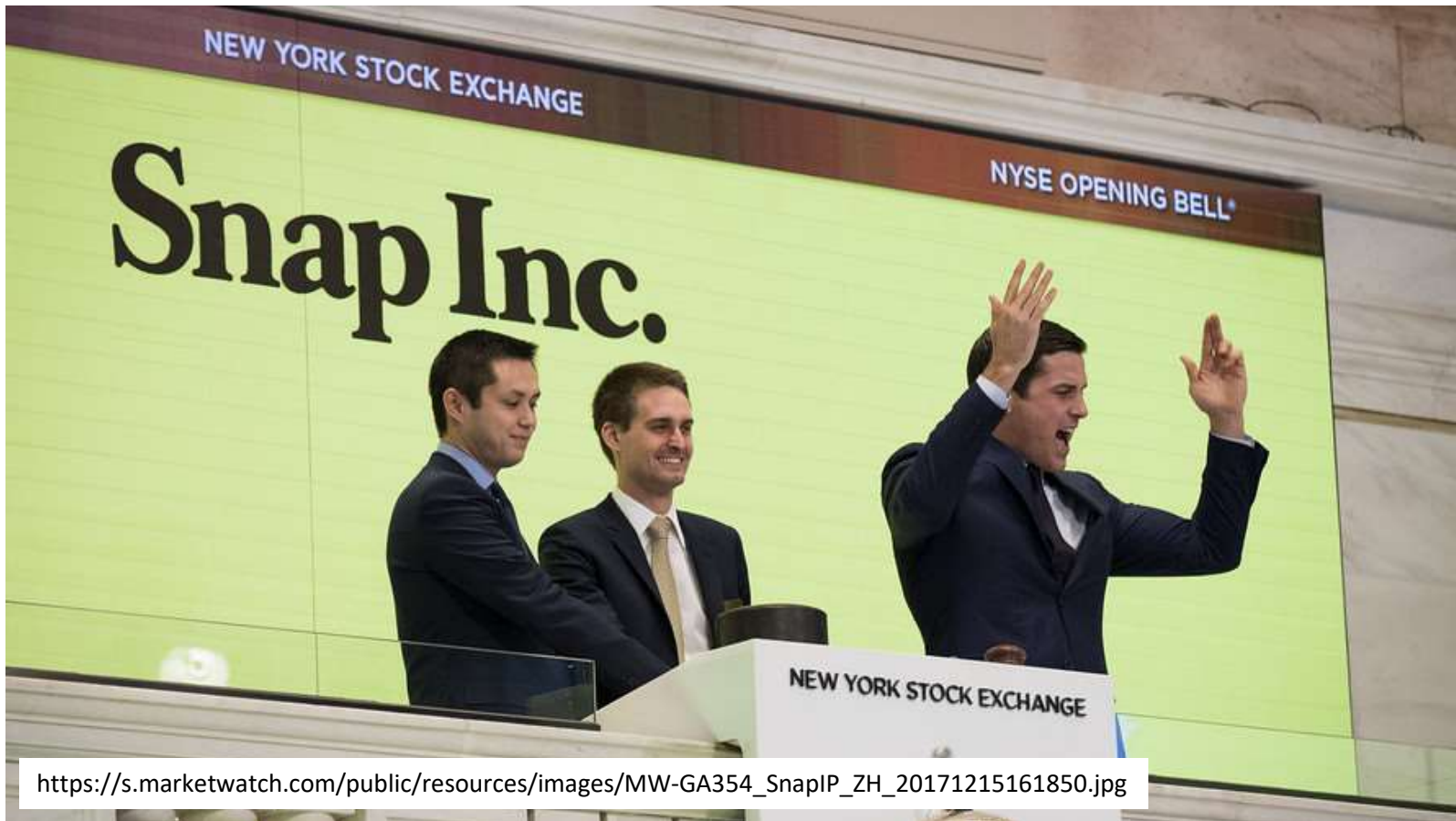
mackinac.org MACKINAC CENTER FOR PUBLIC POLICY



<https://www.mackinac.org/media/images/2016/price%20home%20sale.jpg>

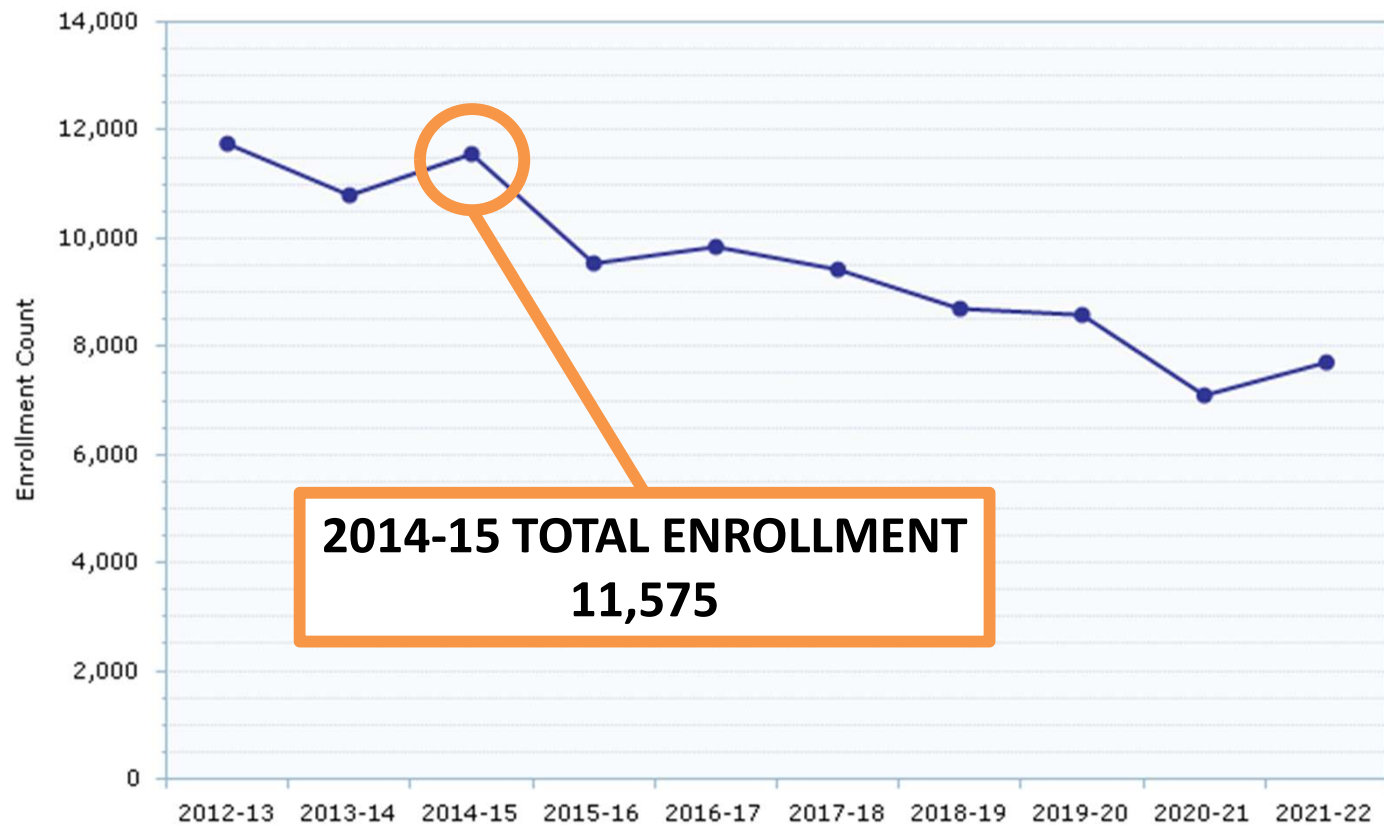


The Super Bowl Comeback (2017)

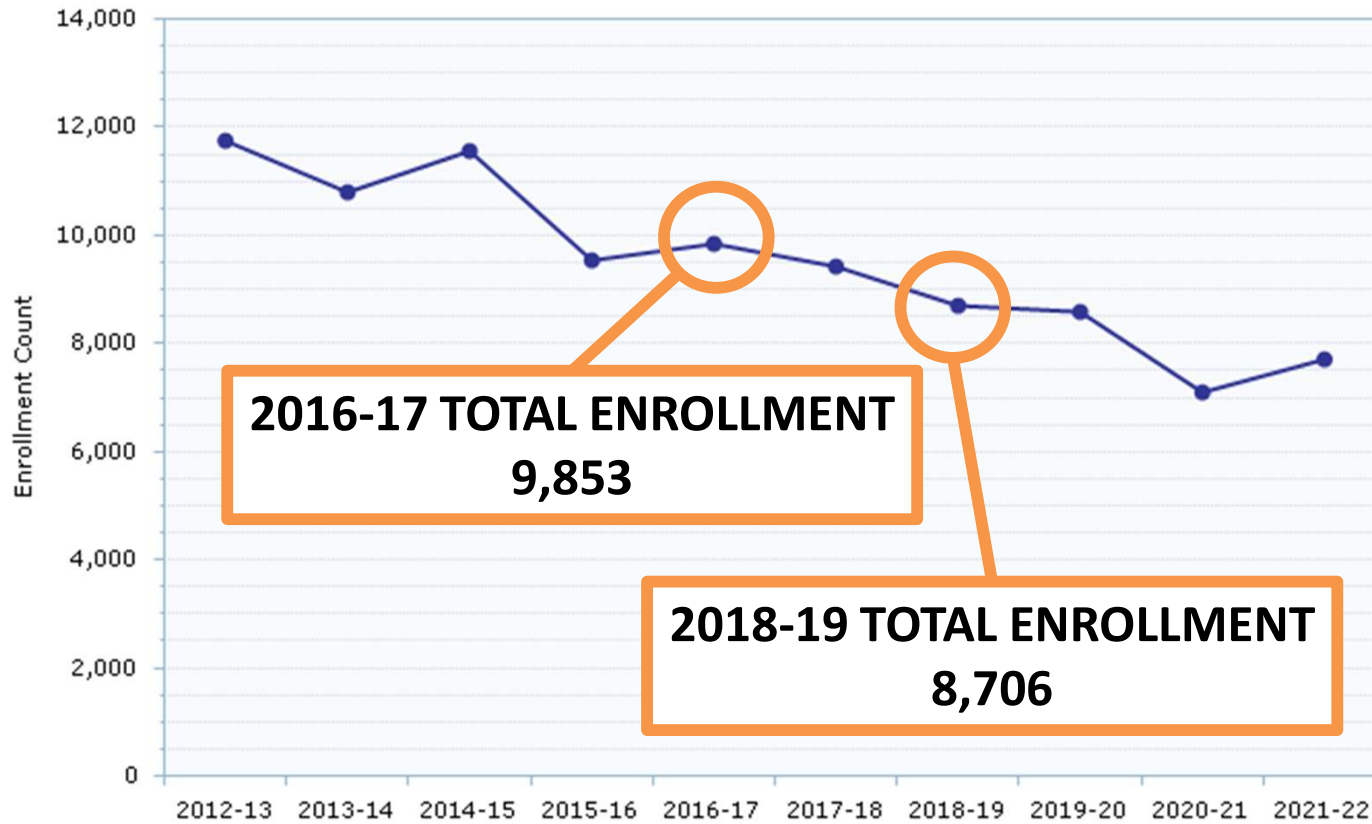


SnapChat IPO (2017)

OUR STORY: *Guided Pathways @ KCC*



OUR STORY: *Guided Pathways @ KCC*



OUR STORY: *Guided Pathways @ KCC*

General Education Reform

- ✦ Previous Gen.Ed. requirements did not fully align with Guided Pathways
 - ↳ Complicated relationship between General Education and MTA requirements for transfer programs
 - ↳ Occupational programs challenged to meet both General Education and accreditation requirements

OUR STORY: *Guided Pathways @ KCC*

General Education Reform

- ✦ Previous Gen. Ed. requirements did not fully align with Guided Pathways
- ✦ New General Education requirements → [the Bruin Standard!](#)
 - ✦ Aligned “organically” with new General Education assessment and the newly revised General Education Philosophy of KCC
 - ✦ Provided more flexibility for transfer degrees to meet MTA requirements and maximize compatibility for receiving institution transfer without “lost credits”
 - ✦ Added options for occupational programs to meet half of the General Education requirements with program-specific courses

OUR STORY: *Guided Pathways @ KCC*

Initial Adoption

- ✦ **Guided Pathways Institute** = driving the milestones for implementation
- ✦ **Guided Pathways Steering Committee** = since January 19, 2016!
 - ✦ Initial focus: Program mapping and College-wide training about initiative
 - ✦ Project Teams: Task forces to do focused work on specific aspects of GP @ KCC
 - Transfer Team** = develop/implement principles of mapping, establish process
 - Advising Team** (later **Success Measures Team**) = GP and enrollment pipeline

IMPLEMENTATION: *(Some) Best Practices*

Programs and Pathways

- ✦ **Transfer degree requirements align with purpose (transfer!)**
 - ↳ Streamlined the mapping process
 - ↳ Also reflected in the General Education philosophy of the college



IMPLEMENTATION: *(Some) Best Practices*

Programs and Pathways

- ✦ Transfer degree requirements align with purpose (transfer!)
- ✦ **Flexible (“wide”) programs, but well-defined (“narrow”) pathways**
 - ↳ Flexibility to build articulation agreements, define multiple transfer pathways
 - ↳ Good pathway narrows guidance to reflect “average” transfer requirements
 - ↳ *(Most A.A.S. occupational degrees = a single pathway!)*

IMPLEMENTATION: *(Some) Best Practices*

Programs and Pathways

- ✦ Transfer degree requirements align with purpose (transfer!)
- ✦ Flexible (“wide”) programs, but well-defined (“narrow”) pathways
- ✦ **All pathways lead to the tassel: multiple ways to present GP are needed**
 - ↳ **Areas of Study:** Some students start with career/metamajor of interest
 - ↳ **Degree Program:** Some students start with options under each degree
 - ↳ **Transfer Goals:** Some start with what or where they want to do after KCC

IMPLEMENTATION: *(Some) Best Practices*

Programs and Pathways

- ✦ Transfer degree requirements align with purpose (transfer!)
- ✦ Flexible (“wide”) programs, but well-defined (“narrow”) pathways
- ✦ All pathways lead to the tassel: multiple ways to present GP are needed
- ✦ **Start with the end in mind**: student experiences to center on their pathway
 - ↳ Student services should align with a Guided Pathways philosophy
 - ↳ Transfer pathway student experiences should mirror occupational programs

OUR STORY: *Guided Pathways @ KCC*

Summary of GP-Related Changes at KCC

- ✦ New General Education requirements (*Instruction*)
- ✦ Program Maps/Pathway Maps Publishing (*Communications and Advancement*)
- ✦ Mandatory Advising for All FTIAC Students (*Student Affairs*)
- ✦ Mandatory First-Year Seminar for All New Students (*Instruction*)
- ✦ Mandatory New Student Orientation for All New Students (*Student Affairs*)

DISCUSSION QUESTION #2

HOW HAS THE GUIDED PATHWAYS
FRAMEWORK AT YOUR COLLEGE
CHANGED YOUR COMMUNICATION
TO THE STUDENTS?

PROGRAM MAP



**ASSOCIATE IN SCIENCE
BIOLOGY TRANSFER
PATHWAY**

AS with MTA (Program Code 312)

A student's placement on this program map is contingent upon meeting prerequisite or other academic requirements.

This pathway map reflects a sequence of courses based on a MITransfer Organization State-Wide articulation agreement. For more information visit: mitransfer.org.

YEAR 1	CREDITS
SEMESTER 1	
FYS 101	1 cr.
MTA Comm & GE EC Core ENGL 151 or ENGL 151H	3 cr.
MTA Nat'l Science (w/lab) & GE CT Core BIOL 109	4 cr.
MTA Nat'l Science CHEM 110	4 cr.
MTA Humanities & GE PCE Core - Choose 1 course from List A	3 cr.
SEMESTER TOTAL MINIMUM CREDITS: 15	
SEMESTER 2	
BIOL 110	4 cr.
MTA Comm & GE EC Core or Applied - Choose 1: COMM 207 or COMM 110 or COMM 111 or FNGL 152 OR FNGL 152H	3 cr.

IMPORTANT NOTES
Students should seek an appointment with an Academic Advisor to determine courses which best meet individual academic goals and to discuss transfer options including verification of courses towards the completion of the Michigan Transfer Agreement (MTA). Students must complete a minimum of 60 credits in approved courses to earn a degree at Kellogg Community College with a minimum cumulative grade point average of 2.0 or higher. Contact Academic Advising at kellogg.edu/advising or call 269 965-4124.

Service-Learning endorsement is required! Additional required degree criteria is listed in the KCC Academic Catalog under degree and certificate requirements.

ELECTIVES LISTS

LIST A (MTA Humanities & GE PCE CORE - select one course): ART 210, ART 211, ART 212, ART 213, ART 214, HUMA 151, LITE 105, MUSI 211, SERV 200, THEA 121

LIST B (MTA Mathematics - select one course): MATH 115, MATH 125, MATH 130, MATH 132, MATH 140, MATH 141, MATH 142, MATH 241,

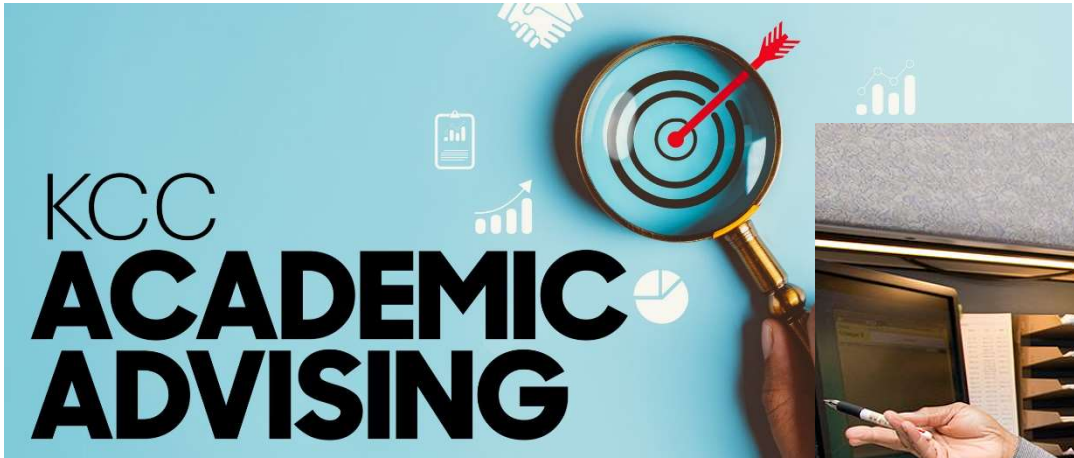
COMMUNICATION:

Program and Transfer Pathway Maps

COMPONENTS: *Pathway Maps*

Required Map Components

- ✦ Area(s) of Study (*a.k.a. metamajor*)
- ✦ Degree or Certificate Name
- ✦ Pathway/“Major”
- ✦ Semester-by-Semester Course Sequence
- ✦ Lists of Required Courses (Bruin Standard/MTA) + Electives
- ✦ Special Notes



COMMUNICATION:
Academic Advising

COMMUNICATION: *Academic Advising*

New or Prospective Students: *Getting on the Path*

- ✦ **Mandatory Advising** → for first-time students
 - ☞ Opportunity to review career/transfer goals, appropriate pathway
- ✦ **Program Map** → a general idea of what it takes to attain the degree
 - ☞ Promote/explain a program or pathway to a specific student
 - ☞ Use in conjunction with career exploration tools, student-indicated interest
 - ☞ Help with the selection of a program of study based on the map
 - ☞ Identify where a student may also need prerequisites to courses on the map!
 - ☞ Identify possible off-ramps and options for attaining overall goals

COMMUNICATION: *Academic Advising*

Prospective Students: *Getting on the Path*

- ✦ **Program Map** → a general idea of what it takes to attain the degree
- ✦ **Mandatory Advising** → for first-time students

Current Students: *Staying on the Path*

- ✦ **Full-Time Program Maps** = not always the best fit for all students
 - ↳ Advisors use existing maps and customize for part-time students
 - ↳ Advisors also customize to transfer institutions' requirements
 - ↳ Exploring an online tool = currently underway

KELLOGG
COMMUNITY COLLEGE

ABOUT ACADEMICS

Home » Academics » Guided Pathways

GUIDED PATHWAYS

CLARIFY **ENTER** **STAY**

CAREER & TRANSFER AREAS OF STUDY

- TRANSFER STUDIES**
- SCIENCE, MATH & ENGINEERING**
- BUSINESS & COMPUTER INFORMATION TECHNOLOGY**
- SOCIAL SCIENCE, HUMAN SERVICES & CRIMINAL JUSTICE**
- EARLY CHILDHOOD EDUCATION & TEACHER EDUCATION**
- HEALTH SCIENCES**
- ARTS, COMMUNICATION & ENGLISH**
- MANUFACTURING, SKILLED TRADES & APPLIED TECHNOLOGY**

COMMUNICATION:
Guided Pathways Website

DISCUSSION QUESTION #3

HOW DO STUDENTS AND
COMMUNITY MEMBERS ACCESS
METAMAJOR AND PATHWAY
INFORMATION ON YOUR WEBSITE ?

PROGRAM MAP

ASSOCIATE IN SCIENCE BIOLOGY TRANSFER PATHWAY



AS with MTA (Program Code 312)

A student's placement on this program map is contingent upon meeting prerequisite or other academic requirements.

This pathway map reflects a sequence of courses based on a MI Transfer Organization State-Wide articulation agreement. For more information visit: mitransfer.org.

YEAR 1

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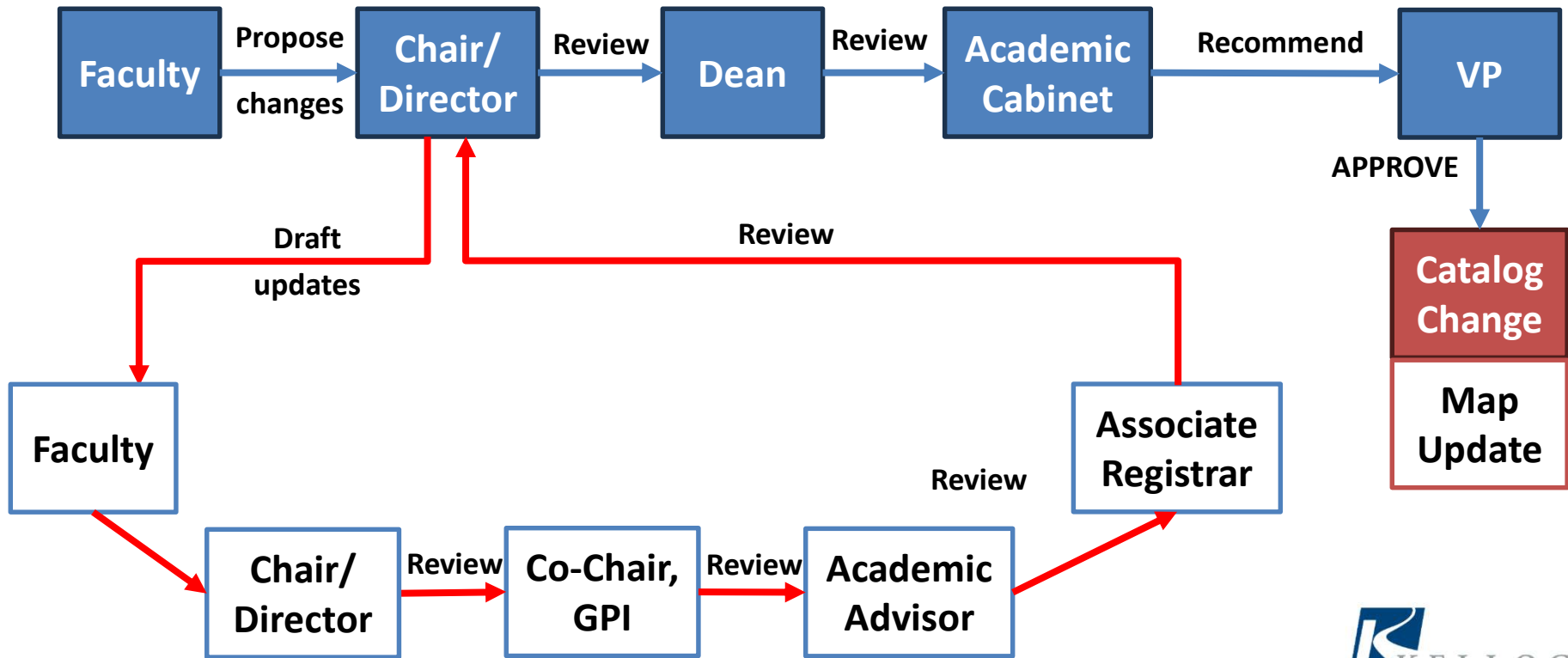
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LIST B (MTA Mathematics - select one course): MATH 115, MATH 125, MATH 130, MATH 132, MATH 140, MATH 141, MATH 142, MATH 241,

PROCESS: Annual Map Updates

PROCESS: *Annual Map Updates*





Mechanical Engineering Agreement

Grand Valley State University
Bachelor of Science in Engineering

Kellogg Community College
Associate of Science
Mechanical Engineering

Catalog Year 2023 - 2024

I. KCC COURSES FOR GENERAL EDUCATION/Michigan Transfer Agreement (MTA) (30 credits minimum)		
<i>(See attached KCC MTA guide for specific courses from KCC that will fulfill the MTA requirements)</i>		
KCC Course	GVSU Equivalent	Transfer Credit Hours
English Composition ENGL 151 Freshman Composition OR ENGL 151H Freshman Composition - HONORS AND ENGL 152 Freshman Composition OR ENGL 152H Freshman Composition - Honors	WRT General Credit	3
Humanities and Fine Arts Select 2 courses from different disciplines: ART 210 History of Photography and Film LITE 105 Introduction to Literature MUSI 211 Music Appreciation PHIL 230 World Religions SERV 200 Service-Learning THEA 121 Theatre Appreciation 1	Varies	6
Mathematics MATH 141 Calculus 1*	MTH 201	5
Natural Science CHEM 110 General Chemistry 1 AND PHYS 221 Physics for Scientists and Engineers 1	CHM 115 PHY 230	4 5
Social Sciences PHIL 202 Introduction to Ethics AND ECON 201 Principles of Economics-MACRO OR ECON 202 Principles of Economics-MICRO	PHI 102 ECO 210 or ECO 211	3 3
TOTAL SECTION I CREDIT HOURS		31 CREDIT HOURS AT KCC

*Students who place into MATH 141 Calculus 1 will need to request a substitution of MATH 125 MTA requirement for the higher math.



Sport Management Program Agreement

Western Michigan University
Bachelor of Science, Sport Management (B.S.)

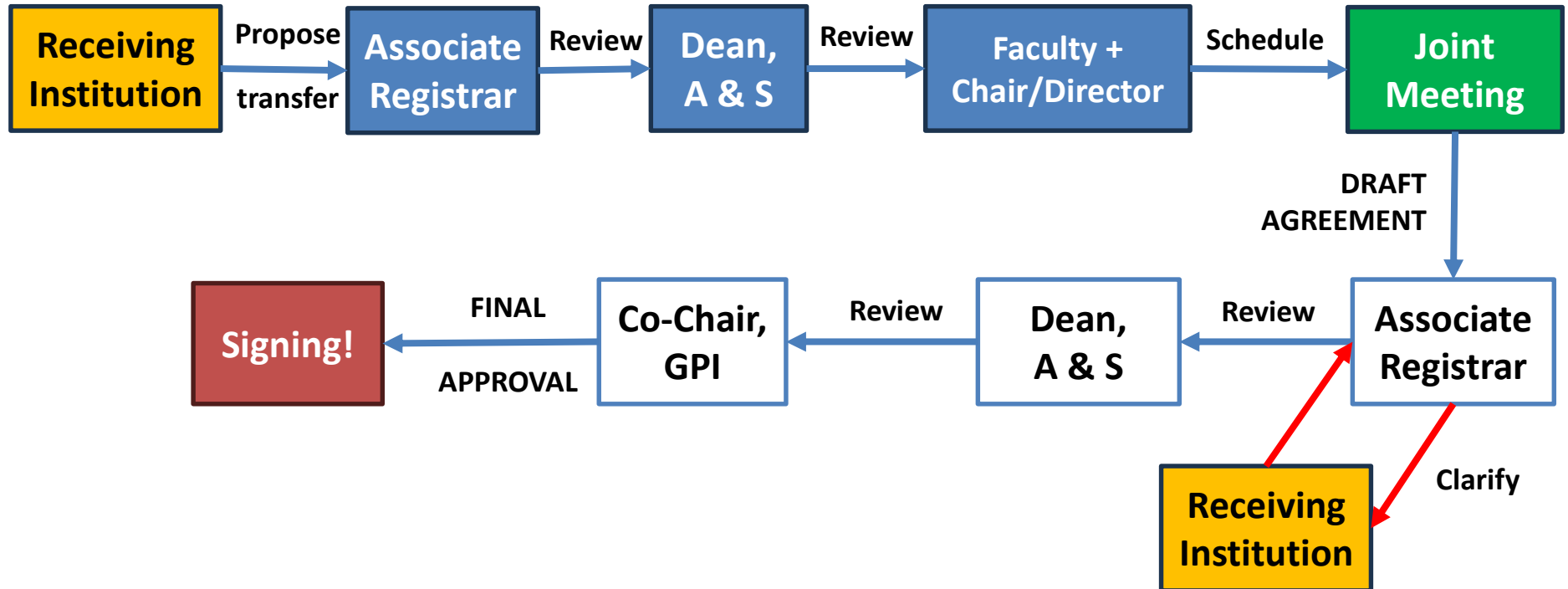
Kellogg Community College
Associate of Applied Science, Sports Management
(A.A.S.) with MTA

Catalog Year: 2024-2025



I. KCC COURSES FOR SPORTS MANAGEMENT, A.A.S. (61 - 65 CREDITS)		
KCC Course	WMTU Equivalents	Transfer Credit Hours
FXS 101	FYL Credit	
ENGL 151 or 151H *	ENGL 105D	3
BIOL 140	HPHE 1110	3
BIOL 101	BUS 1750	3
PSYC 202 or 202H *	PSY 2000	3
SPMAT 208	HPHE 4700	3
COMM 110 *	COM 1000	3
BIOL 251	SMGT 2500	3
PHIL 202 *	PHIL 2010	3
MATH 125 *	MATH 1110	3
OST 161	CS 1020	3
SPMAT 222	HPHE 1700	3
BIOL 274	MGMT 2500	3
COMM 207 *	COM 1040	3
SPMAT 265	HPHE 1040	3
ECON 202 *	ECON 2010	3
PE Elective choose one course from: PE 131, PE 135	Varies	3
PE 171 or PE 195	Varies	3
MTA Science choose two courses from: ASTR 104, BIOL 101, BIOL 105, BIOL 109, BIOL 110, BIOL 115, BIOL 141, BIOL 201, BIOL 202, BIOL 205, CHEM 100, CHEM 110, CHEM 211, CHEM 201, CHEM 100, 10, PHYS 111, PHYS 112, PHYS 221, PHYS 202, CHEM 100, SCIE 102, SCH 103 (courses must be from a different subject and one course must be a lab)	Varies	2
Humanities and GE PCE Core choose from: ART 121, PHIL 230, SERV 200, THEA 121 (must be discipline from MTA Humanities and GE PCE discipline below) *	Varies	8-12
Writies and GE PCE Core or Applied, choose from: ART 212, ART 213, ART 214, HUMA 151, LITE 105, LITE 205, LITE 206, LITE 211, LITE 212, LITE 221, LITE 222, LITE 230, LITE 285, MUSI 101, MUSI 102, MUSI 103, MUSI 104, MUSI 105, MUSI 106, MUSI 107, MUSI 108, MUSI 109, MUSI 110, MUSI 111, MUSI 112, MUSI 113, MUSI 114, MUSI 115, MUSI 116, MUSI 117, MUSI 118, MUSI 119, MUSI 120, MUSI 121, MUSI 122, MUSI 123, MUSI 124, MUSI 125, MUSI 126, MUSI 127, MUSI 128, MUSI 129, MUSI 130, MUSI 131, MUSI 132, MUSI 133, MUSI 134, MUSI 135, MUSI 136, MUSI 137, MUSI 138, MUSI 139, MUSI 140, MUSI 141, MUSI 142, MUSI 143, MUSI 144, MUSI 145, MUSI 146, MUSI 147, MUSI 148, MUSI 149, MUSI 150, MUSI 151, MUSI 152, MUSI 153, MUSI 154, MUSI 155, MUSI 156, MUSI 157, MUSI 158, MUSI 159, MUSI 160, MUSI 161, MUSI 162, MUSI 163, MUSI 164, MUSI 165, MUSI 166, MUSI 167, MUSI 168, MUSI 169, MUSI 170, MUSI 171, MUSI 172, MUSI 173, MUSI 174, MUSI 175, MUSI 176, MUSI 177, MUSI 178, MUSI 179, MUSI 180, MUSI 181, MUSI 182, MUSI 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PROCESS: *Articulation Agreements*



PROGRAM MAP

**ASSOCIATE IN SCIENCE
BIOLOGY TRANSFER
PATHWAY**

AS with MTA (Program Code 312)

A student's placement on this program map is contingent upon meeting prerequisite or other academic requirements.

This pathway map reflects a sequence of courses based on a MITransfer Organization State-Wide articulation agreement. For more information visit: mitransfer.org.

YEAR 1

SEMESTER 1	CREDITS
FYS 101	1 cr.
MTA Comm & GE EC Core ENGL 151 or ENGL 151H	3 cr.
MTA Nat'l Science (w/lab) & GE CT Core BIOL 109	4 cr.
MTA Nat'l Science CHEM 110	4 cr.
MTA Humanities & GE PCE Core - Choose 1 course from List A	3 cr.
SEMESTER TOTAL MINIMUM CREDITS: 15	

SEMESTER 2

BIOL 110	4 cr.
MTA Comm & GE EC Core or Applied - Choose 1: COMM 207 or COMM 110 or COMM 111 or ENGL 152 OR ENGL 152H	3 cr.



IMPORTANT NOTES
Students should seek an appointment with an Academic Advisor to determine courses which best meet individual academic goals and to discuss transfer options including verification of courses towards the completion of the Michigan Transfer Agreement (MTA). Students must complete a minimum of 60 credits in approved courses to earn a degree at Kellogg Community College with a minimum cumulative grade point average of 2.0 or higher. Contact Academic Advising at kellogg.edu/advising or call 269 965-4124.

Service-Learning endorsement is required! Additional required degree criteria is listed in the KCC Academic Catalog under degree and certificate requirements.

ELECTIVES LISTS

LIST A (MTA Humanities & GE PCE CORE - select one course): ART 210, ART 211, ART 212, ART 213, ART 214, HUMA 151, LITE 105, MUSI 211, SERV 200, THEA 121

LIST B (MTA Mathematics - select one course): MATH 115, MATH 125, MATH 130, MATH 132, MATH 140, MATH 141, MATH 142, MATH 241,

PLANNED IMPROVEMENTS:

Part Time Maps, Transfer & Articulated Maps

Pathway Maps

Types of Pathway Maps

- Program maps vs. pathway maps
- Full-time vs. part-time program (or pathway) maps
- Transfer Pathway maps
- **Articulated Transfer Pathway maps**
 - Based on signed transfer articulation agreements with baccalaureate-degree granting partner (“receiving”) institutions

GOALS: *Pathway Maps*

Overall Goal = **Improve Presentation of KCC Programs via Maps**

1. More timely publishing of updated maps + multi-year availability

- Inaugural **Map Day 2024** to facilitate Chair/Director work on maps
- Match new map updates with Academic Catalog publishing timeline

GOALS: *Pathway Maps*

Overall Goal = **Improve Presentation of KCC Programs via Maps**

1. More timely publishing of updated maps + multi-year availability
2. **Work w/ departments to add pathway options as appropriate**
 - Different course sequencing depending on student goals or background
 - *Examples:* two pathways for A.Ag.S., A.A.S. in Corrections pathways

GOALS: *Pathway Maps*

Overall Goal = **Improve Presentation of KCC Programs via Maps**

1. Improve timely publishing of updated maps + multi-year availability
2. Work w/ departments: add specific pathway options as appropriate
- 3. Add part-time maps of programs (if appropriate)**
 - Driven by department faculty and leadership discussions/decisions
 - *A majority of KCC students attend the College part-time!!*

GOALS: *Pathway Maps*

Overall Goal = **Improve Presentation of KCC Programs via Maps**

1. Improve timely publishing of updated maps + multi-year availability
2. Work w/ departments: add specific pathway options as appropriate
3. Add part-time maps of programs (if appropriate)
- 4. Add maps for Transfer Pathways** (based on A.A., A.G.S., and/or A.S. degrees)
 - For a specific major/discipline, but for a “generic” receiving institution
 - SEM workgroup recommendation = start with the following: **Aviation, Business, Math, Music, Pre-Medicine, Psychology, Secondary Ed.**
 - Chair/Director and faculty to recommend sequence

GOALS: *Pathway Maps*

Overall Goal = **Improve Presentation of KCC Programs via Maps**

1. Improve timely publishing of updated maps + multi-year availability
2. Work w/ departments: add specific pathway options as appropriate
3. Add part-time maps of programs (if appropriate)
4. Add maps for Transfer Pathways
- 5. Add maps for Articulated Pathways**
 - Currently students/families cannot find KCC articulation agreements
 - Raising prestige of KCC via partnerships, dual-brand advertising, guaranteed transfer

DISCUSSION QUESTION #4

HOW CAN YOUR COLLEGE
IMPROVE COMMUNICATION OF
GUIDED PATHWAYS AND
METAMAJORS TO ALL AUDIENCES?