Middle Georgia State University

School of Computing Strategies FY 19 – FY 23

Imperative	Strategies	FY19
Grow Enrollment with Purpose	Expand and Enrich F2F Instruction	• Understand data why students leave • Contact students based on Retention planning & early indicators action plan • Engage recruiters to assist reaching high school events/tech colleges - encourage dual enrollment • Increase our social media visualization of greatness • Create a Campus Cohort engagement plan
	Expand and Enrich Online Instruction	• Review and implement online course policy, especially with Math courses • Immediately use MGA Direct Template for all online courses • Monitor student engagement for all online courses • Begin assessing online course engagement/models and standards for all online courses
Own Student Success	Develop Academic Pipelines	• Review articulation agreements for currency and accuracy - Identify relevant AP offerings in region • Implement a master plan (tentative course schedule) for upper-level course offerings for Math Department and improve the master plan for the Department of IT
	Expand Degrees	• Explore Fintech as a concentration • Develop Doctor of Science in IT • Design the Statistics concentration to be offered online • Redesign MATH 4621/4622 to become applied statistics courses (as opposed to mathematical theory-based). • Change the prerequisites to allow students to enroll without the Calculus sequence.
	Expand Student Engagement	• Club activities in Macon, Cochran, and Warner Robins • Maintain reasonable student to teacher ratios
	Expand Experiential Learning	• Highlight current internship opportunities • Encourage students taking Math 3207 and other upper-level classes to present work at GPC Math and KSU conferences • Implement/Encourage More undergraduate research, explore offering a "class"

Imperative	Strategies	FY19
Build Shared Culture	Attract, develop, and retain talent	• Improve the advertising for faculty positions and speed up the process when required • Offer Competitive Salaries
	Cultivate Engagement	• Host social gatherings and luncheons
	Elevate University and Region	• Create the Center for Software Innovation (CSI) • STEM camps (IT & MATH) • Industry and local area outreach • Outreach events involving: dual enrollment high school visits, senior centers, Girl Scouts, IT and Computing Seminars; Academic Cybersecurity Summit
Building Key Partnerships	TCSG Schools: create pathways for new articulation agreements, support and nurture existing agreements Maintain alumni connections STEM partnership with Natural Sciences Reach out to military/international community Middle & High School engagement through events such as the Math Olympics and Puzzle Party	• Contact graduates who are working at the base - Invite for presentations • Create a database of alumni • Contact schools/students in neighboring states that are eligible for in-state tuition opportunities.

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Imperative	Strategies	FY20
Grow Enrollment with Purpose	Expand and Enrich F2F Instruction	• Partner with recruiting • Partner with marketing • Engage Alumni • Determine needs of non-traditional students
	Expand and Enrich Online Instruction	• Lower costs of course materials where possible • Look for free and open access textbooks/materials to substitute expensive text for courses • Improve instructional design for courses
Own Student Success	Develop Academic Pipelines	• Increase dual-enrollment awareness • Implement recommendations related to articulation agreements and AP offerings • Find methods to recruit math students as they enroll, or in high school
	Expand Degrees	• Reach out to High School Guidance Counselors and Technical Colleges to determine student wants and needs • Begin accepting applications for Doctor of Science in IT • Hire new IT Faculty for doctoral program
	Expand Student Engagement	• Expand club offerings for online students • Engage students in the Center for Software Innovation
	Expand Experiential Learning	• Investigate more opportunities with companies who have Advisory Board representation

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Imperative	Strategies	FY20
Build Shared Culture	Attract, develop, and retain talent	• Assist Faculty/Staff Development Plan and Career Path planning
	Cultivate Engagement	• Implement and/or expand faculty colloquium
	Elevate University and Region	• Host Conferences, STEM Camps Seek national grants
Building Key Partnerships	TCSG Schools: create pathways for new articulation agreements, support and nurture existing agreements and relationships. Keep aware and involved in MGA opportunities (programs, conferences, opportunities, and newsletter). Maintain alumni connections STEM partnership with Natural Sciences Reach out to military/international community Middle & High School engagement through events like the Math Olympics and Puzzle Party	• Contact schools/students in neighboring states that are eligible for in-state tuition opportunities. • Improve partnerships with NSA/DHS by inviting them to attend MGA seminars/symposiums

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Imperative	Strategies	FY21
Grow Enrollment with Purpose	Expand and Enrich F2F Instruction	• Implement instructional design as a proactive measure • Improve scheduling that works best for non-traditional students
	Expand and Enrich Online Instruction	• Implement instructional design as a proactive measure
Own Student Success	Develop Academic Pipelines	• Streamline the pipeline from BSIT to MSIT • Expand marketing of online BSIT nationally
	Expand Degrees	• Begin Doctor of Science in IT • Review Concentrations to remain current • Develop assessment plan for DSc
	Expand Student Engagement	• Plan IT and Math focused event/camp during High School Spring Breaks for JUNIORS
	Expand Experiential Learning	• Expand International Opportunities • Create a partnership with actuarial firms in a possible degree in Actuarial Sciences or Statistics

Imperative	Strategies	FY21
Build Shared Culture	Attract, develop, and retain talent	• Increase funding for Research, Conferences, and travel
	Cultivate Engagement	• Form special interest groups around research interests
	Elevate University and Region	• Become recipient of multiple large grants and publish in academic journals, and engage news reporting
Building Key Partnerships	TCSG Schools: create pathways for new articulation agreements, support and nurture existing agreements and relationships Keep aware and involved in MGA opportunities (programs, conferences, opportunities, and newsletter). Maintain alumni connections STEM partnership with Natural Sciences Reach out to military/international community Middle & High School engagement through events like the Math Olympics and Puzzle Party	• Internships at the base

School of Computing Strategies FY 19 – FY 23

Imperative	Strategies	FY22
Grow Enrollment with Purpose	Expand and Enrich F2F Instruction	• Implement recommendation from FY21 to improve scheduling for each campus -- for specific academic programs and build communities
	Expand and Enrich Online Instruction	• Standardize instructional design strategies, and tools
Own Student Success	Develop Academic Pipelines	• Expand marketing of online BSIT, MSIT, and DSc IT nationally • Expand marketing for online math degree in Statistics
	Expand Degrees	• Explore IT Management degree (with School of Business) • Begin assessment plan for DSc
	Expand Student Engagement	• Foster environment for student-led special projects that gives students credit for learning and giving
	Expand Experiential Learning	Integrate more project based learning into many classes

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Imperative	Strategies	FY22
Build Shared Culture	Attract, develop, and retain talent	• Provide Grants office support
	Cultivate Engagement	• Continue expanding faculty colloquium
	Elevate University and Region	• Increase attendance in IT/Math seminars, conferences
Building Key Partnerships	TCSG Schools: create pathways for new articulation agreements, support and nurture existing agreements and relationships. Keep aware and involved in MGA opportunities (programs, conferences, opportunities, and newsletter). Maintain alumni connections STEM partnership with Natural Sciences Reach out to military/international community Middle & High School engagement through events like the Math Olympics and Puzzle Party	• Seek Industry / Not-for-profit companies and projects

Imperative	Strategies	FY23
Grow Enrollment with Purpose	Expand and Enrich F2F Instruction	• Assess and evaluate implementation • Continue analyzing data
	Expand and Enrich Online Instruction	• Assess and evaluate instructional design strategies, and tools
Own Student Success	Develop Academic Pipelines	• Expand marketing of online BSIT, MSIT, and DSc IT internationally
	Expand Degrees	• Review Concentrations to remain current • Analyze assessment data for DSc
	Expand Student Engagement	• Continue fostering environment for student-led special projects that gives students credit for learning and giving
	Expand Experiential Learning	• Foster environment for student-led special projects that gives students credit for learning and giving

School of Computing Strategies FY 19 – FY 23

Imperative	Strategies	FY23
Build Shared Culture	Attract, develop, and retain talent	• Review faculty salaries
	Cultivate Engagement	• Offer seminars/workshops for faculty to engage in research and scholarly activities
	Elevate University and Region	• Continue with large grants and publish in academic journals, and engage news reporting
Building Key Partnerships	TCSG Schools: create pathways for new articulation agreements, support and nurture existing agreements and relationships, Keep aware and involved in MGA opportunities (programs, conferences, opportunities, newsletter). Maintain alumni connections STEM partnership with Natural Sciences Reach out to military/international community Middle & High School engagement through events like the Math Olympics and Puzzle Party	• Evaluate existing partnership