Transforming Your CTE Department to Grow Completers and Increase College and Career Readiness Percentage

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About Us

Stephen Bradford

- Beginning 5th year as AP at Mauldin High School.
- BA Middle Level Education and MEd in Education Administration from USC
- Also an MHS graduate.
- Taught 6 years in Lexington District 2.
- Married with one son, Baker, who is 18 months old.

Misty Abercrombie

- Beginning 7th year as teacher and 4th as CTE department chair at Mauldin High School.
- BS in Business from SWU, MBA from WGU, Completing MEd in Admin from SWU.
- Worked in corporate world for 20 years.
- Mother to 24 year old twin boys, Carson and Drake, and 10 year old Ellason.

MHS Website

CTE — Career & Technical Education

See Growth!

Establish Strong Roots/Foundation
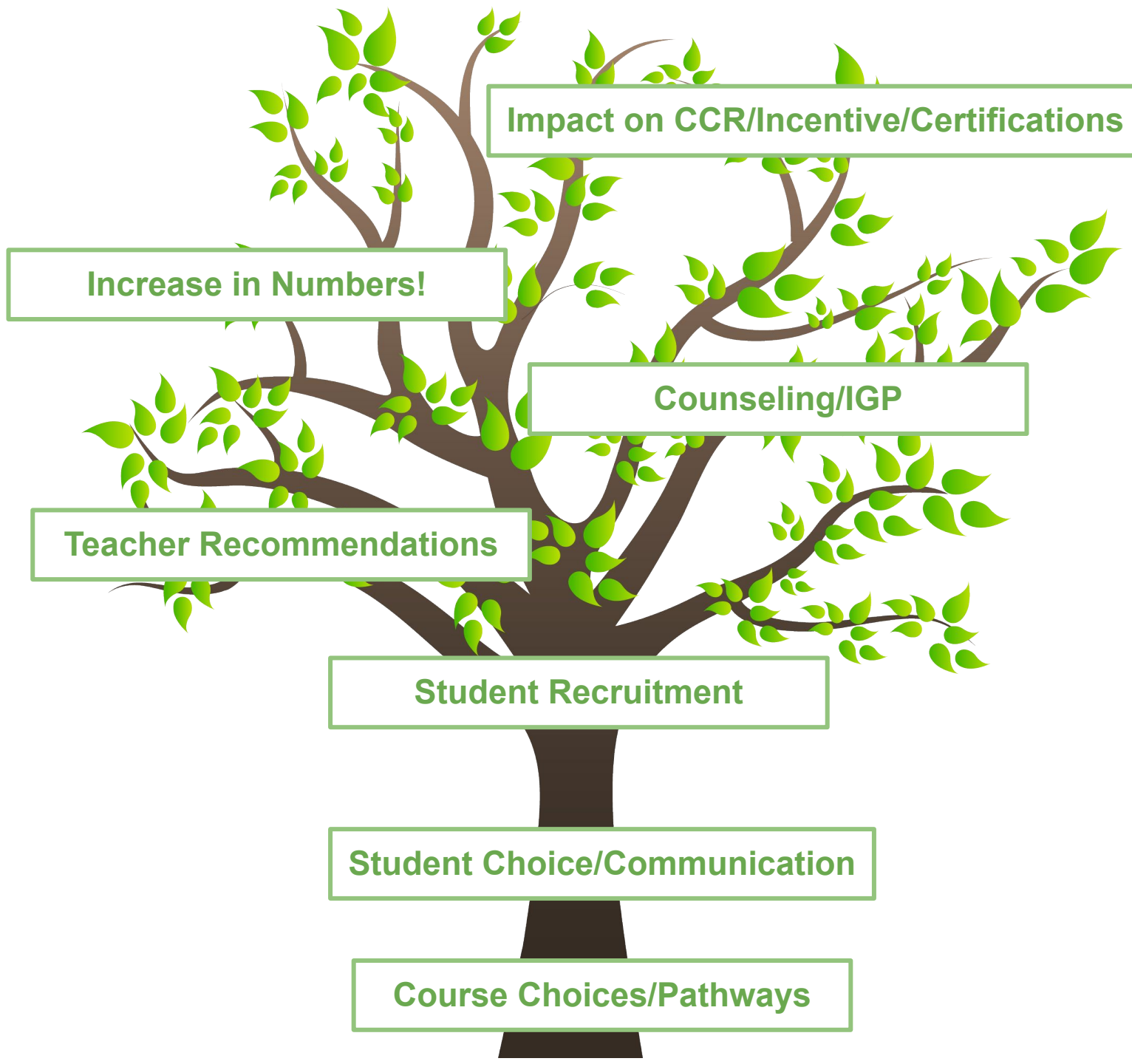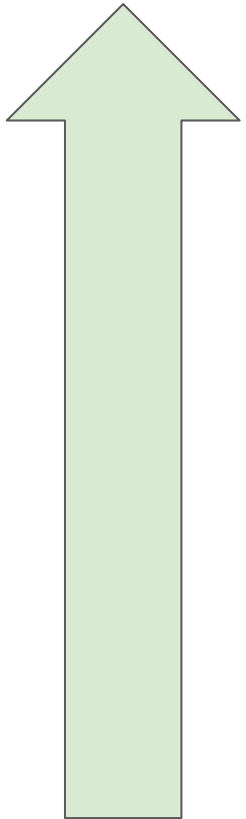
Impact on CCR/Incentive/Certifications

Increase in Numbers!

Counseling/IGP

Teacher Recommendations

Student Recruitment

Student Choice/Communication

Course Choices/Pathways

Answering WhY

Mark C. Perna
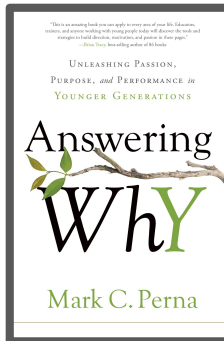
Course Choices and Pathways

Carefully selecting your course offerings is the foundation of developing a strong CTE department.

Steps to Selecting Courses and Pathways

1. Identify student interests or area needs.
2. Identify courses within current offerings that lead to "nowhere".
3. Consider staff strengths and interests.
   a. Do NOT allow this to drive your choices!
4. Identify courses that can serve multiple pathways or needs.
5. Ensure you build in opportunities for students to earn their computer science credit.
6. Once pathways are set, avoid change unless it fits the above criteria.

Get to Know the CTE Reporting Procedures Guide!

CLICK HERE

Do students have a choice?

Students have a choice…but once a choice is made…they stick with it!

Student Choice

1. **Early Communication**
   a. **Rising Freshmen Curriculum Night**
   b. **Freshmen Registration (Counseling)**
   c. **Course Offerings at Middle Schools**
2. **Students Who "Don't Know"**
   a. **Enroll in a course that fits multiple pathways OR enroll in needed computer science. Sometimes, this can be both.**
3. **Once Students Start a Pathway**
   a. **When there is a choice, allow them to choose.**
   b. **Leaving/Switching is not a choice…UNLESS you have enough electives and a plan to complete the new pathway.**
4. **Teachers and students discuss options and make decisions together.**

Clear Communication

2022-2023 MHS CTE Courses and Pathways					
Pathway	Required Courses	Plus 1 (3 Unit Completer)	Plus 2 (4 Unit Completer)	Order	Certification Required
General Management (520201)	Entrepreneurship or BUS 110 Accounting 1	Fundamentals of Web Design* Marketing	NA	Any	Yes
Marketing Communications (090903)	Advertising Marketing	Accounting 1 Entrepreneurship BUS 110 Fundamentals of Web Design* Sports and Entertainment Marketing	NA	Any	Yes
Web and Digital Communications (110801)	Fundamentals of Web Deisgn* Advanced Web Design and Development*	Fundamentals of Computing* Game Design and Development* AP Computer Science Principles AP Computer Science A PLTW CS Essentials*	NA	FWD – AWD – GDD FOC – FWD – AWD FOWD – AWD – PLTW	Yes
Sports Medicine (310505)	Sports Medicine 1 Sports Medicine 2	Medical Terminology H AHS 102	Health Science 1 Health Science 2 or AHS 119	SM1 – SM2 – MT SM1 – SM2 – AHS102	Yes
Health Science (510000)	Health Science 1 Health Science 2	Medical Terminology H AHS 102 Intro to Vet Science	Sports Medicine 1 Sports Medicine 2	HS1 – HS2 – MT HS1 – AHS119 – AHS102 HS1 – AHS119 – MT HS1 – HS2 – IVS HS1 – AHS119 – IVS	Yes
Plant and Animal Systems (010601)	Agricultural Science and Technology Animal Science Small Animal Care Intro to Vet Science	NA All Required Courses	NA All Required Courses	Preferred order listed to left. Any exceptions ask Instructor	Yes
Horticulture (010601)	Agricultural Science and Technology Introduction to Horticulture Floriculture Nursury/Garden Center 1	NA All Required Courses	NA All Required Courses	Preferred order listed to left. Any exceptions ask H. Epperly.	Yes
Pre-Engineering (PLTW) (140101)	Intro to Engineering Design Principles of Engineering Aerospace Engineering Digital Electronics	NA All Required Courses	NA All Required Courses	Preferred order listed to left. Any exceptions ask B. Owens/M. Cecere.	No
Law Enforcement (340107)	Intro to Law, Public Safety, Corrections and Security Law Enforcement Services 1 Law Enforcement Services 2	NA All Required Courses	NA All Required Courses	Required order listed to left.	Yes

*Satisfies Required Computer Science Credit

Potential Student Choices

Pathway	Required Courses	Plus 1 (3 Unit Completer)
General Management (520201)	Entrepreneurship or BUS 110	Fundamentals of Web Design*
	Accounting 1	Marketing
Marketing Communications (090903)	Advertising	Accounting 1
	Marketing	Entrepreneurship
		BUS 110
		Fundamentals of Web Design*
		Sports and Entertainment Marketing
Web and Digital Communications (110801)	Fundamentals of Web Deisgn*	Fundamentals of Computing*
	Advanced Web Design and Development*	Game Design and Development*
		AP Computer Science Principles
		AP Computer Science A
		PLTW CS Essentials*

Student Recruitment

Identify the right students for the right reasons…

Offensive/Early Recruitment

1. Establish increasing CTE completers as a priority.
2. Clear Communication
3. Informing Stakeholders Early
4. Freshman Registration - Making Informed Decisions
5. Transparency Regarding Process
   a. Ensuring students know and understand their choice and that following through on that choice is an expectation.
6. Communicating Potential Value In Completion (Certifications, Internships, Etc.)

Maintenance and Growth

1. Communicating pathways early in the course
2. Identifying strengths and weaknesses of students- possible pathway change
3. Identify ways for students to see value (partnership with athletics)
4. Value of earning a certification
5. Recognition at graduation for being a completer - Completer Cords
6. Post high school opportunities

Teacher Recommendations

1. Creating relationships with students to better understand their needs
2. Individual meetings with each student to discuss next course
3. Documentation will streamline the recommendation process (See form below)
4. The process is repeated on block schedule, be mindful of scheduling timeline in the spring

SPREADSHEET

Counseling and IGP Process

Counselor involvement is essential to ensuring students are enrolled in the correct courses.

Counselor Involvement

1. Ensure counseling knows and understands the goal of increasing completers.
2. Students need to hear it from admin, teachers, and counselors.
3. Add a completer "check" into your IGP process.
   a. Consider utilizing a checklist.
4. Provide information to students and parents for reference during the course registration process.
   a. QR Code on registration card.
5. Your counseling director NEEDS to be on board!

Counseling and IGP Process

College and Career Ready (CCR):

Based on the State Department's Indicators, will you be CCR by the time you graduate? Scan the QR Code to the right to .

College Ready

___AP Exam Score of 3(+)

___ACT Score of 20(+)

___SAT Score of 1020(+)

___6 Dual Credit Hours with C(+)

Career Ready

___WIN Score of Silver, Gold, Platinum

___ASVAB Score of 31(+)

___Complete Work-Based Learning*

___CTE Completer & Industry Credential*

*If unsure, see your CATE teacher, Career Center Teacher, Counselor, or the MHS Career Pathways

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Post-Secondary Preparation: How do you plan to become CCR?

☐ CCR/G+ Initiative: College and Career Readiness

College Ready: __AP Exam of 3+ __ACT of 20+ __SAT of 1020+ __6+ Dual Credit Hours with C(+)

Career Ready: __WIN Score of Silver(+) __ASVAB of 31(+) __WorkBasedLearning __ CTE Completer/Credential

☐ Seals of Distinction: ___ Honors ___College-Ready ___Career ___ Specialization

(STEM, World Language, Military, Arts)

Growth and Numbers

Mauldin High School's Annual CTE Completer Growth

Academic Year	CTE Completers	Earned Certifications	% of Graduating Class
2015-2016	10	-	1.9%
2016-2017	10	-	1.9%
2017-2018	8	-	1.5%
2018-2019	9	0	1.7%
2019-2020	38	179	7.3%
2020-2021	104	403	20%
2021-2022	133	1250	25.5%

Impact on CCR/Incentive/Certifications

There is no easier way to qualify a student as CCR than through required coursework.

Utilizing Completers to Increase CCR

1. Ensuring students follow their pathway, as mentioned, will qualify them as a completer. Adding a certification along that pathway qualifies them as CCR.
2. Find a certification that fits the pathway. Utilize the certification list.
3. Early Release and Parking Form
   a. We do not approve Seniors to take an abbreviated schedule (or park on campus) without being CCR.
   b. 90% of the time a student has had two courses within a pathway.
   c. They submit the early release form indicating they will take the additional course.
4. Remember, a student is only CCR if they have the certification with the coursework.
5. This is an excellent way to capture your special populations through their required 7 elective credits.

Spring Palmetto Administrator Article on All Things CCR

Links

CTE Course Offerings/Pathways

IGP Checklist

Course Registration Card

Sample Teacher Recommendation Form/Sheet

CCR Early Release/Parking Form

Questions?