

## Embedded credit for Career & Tech students @ Franklin Technology Center

Franklin Technology Center is asking the BOE to adopt the policy outlined in the publication, *Graduation Requirements for Students in Missouri Public Schools, 2006*. Due to the amount of academic content covered in some of our programs, embedding a credit for the content is the consensus of all sending school counselors. An embedded credit course incorporates competencies from the one subject into another subject and allows students to earn credit in both.

After meeting with Dr. Sachetta and the department heads of Math, Science and English at Joplin High School and a conversation with John Webber at DESE, we feel confident in the rigor and relevance of the academic content covered in some of our programs to make this proposal to provide embedded credit in a select few of our Career & Tech programs at Franklin Technology center. This is long over due, necessary and vitally important for most of the students attending these programs. One key factor is according to DESE, courses offering embedded credit are not required to have a certified teacher of the academic content area being embedded. With that being said we would like to propose the following credits be embedded.

Teacher	Program	Length	Embedded Credit		
			Applied Comm. Art	Technical Math	Life Science
Randy Commons	Bio Tech	1 year			x
Edie Harrison	Intro to Medical Science	1 year			x
Jennifer Barksdale	Advanced Culinary Arts	1 year	x		
Tom Strait	Diversified Health Occupation	1 year	x		
Shelly Hartley	Certified Nurse Assistance	1 year	x		
Randy Commons	Greenhouse / Landscaping	1 year	x	x	
Deonna Anderson	Engineering	1 year	x	x	
Joe Dorton	HVAC	2 years	x	x	
John Rutledge	Automotive Technology	2 years	x	x	
Mike White	Computerized Precision machining	2 years	x	x	
Bill Hales	Construction	2 years	x	x	
Jared Dorsey	Graphic Arts	2 years	x	x	
Dave Noah	Welding Technology	2 years	x	x	
Jim Weber	Computer Information Systems	2 years	x	x	

The English department is satisfied with our portfolio approach and the documentation required for an applied communication arts embedded credit.

The Science department has approved an embedded life science credit for the anatomy and physiology taught in the two years of our health programs. Plus an embedded science credit for the Bio Tech program taught in our Agriculture program. Quarterly benchmarks will need to be developed by the Science Dept.

After reviewing the applied math text books for our Trade & Tech programs, the Math department was satisfied with our content to offer an embedded technical math credit with the contingency that quarterly benchmarks be developed by an committee of math department chairs from the majority of our sending schools.

It was suggested that instead of adding staff to support these programs that maybe a couple of hours of release time be provided for each department for oversight and some co-teaching/teacher support which would strengthen our embedded credit program, ensure rigor and give reputation to them.

Students, parents and counselors from both sending schools and FTC will sign embedded credit commitment contracts upon entering the selected FTC programs. The technical math credit will be given upon completion of their junior year of their tech program. The science credit will be given upon completion of the Bio Tech or two years the health science classes.