



Career and Technical Education

Partnership Update

Tim M. Murrell, Executive Director
Division of Career and Technical Education



Program Offerings

Gateway Institute of Technology:

- Veterinary Science
- Horticulture and Landscaping Management
- Emergency Medical Services (EMT)
- Health Sciences
- Rehabilitation Therapy
- Aviation
- Project Lead the Way (Engineering)
- Computer Connectivity
- Business Management

Clyde C. Miller Career Academy:

- Biotechnology
- Health Sciences
- Rehabilitation Therapy
- Hospitality and Tourism
- Culinary Arts
- Construction Management
- Computer Connectivity
- Multimedia
- Computer Integrated Manufacturing (AeroSpace)
- Business Management
- Database Management
- Electricity/Electronics

Carnahan School of the Future:

- Radio and Television
- Project Lead the Way (Engineering)

Beaumont Technical Center:

- Respiratory Therapy
- Health Sciences
- Marketing
- Indoor/Outdoor Maintenance
- Culinary Arts
- Cosmetology

Vashon High School:

- Fashion Design and Merchandising
- Computer Connectivity

Sumner High School:

- Architecture (CAD)
- Multimedia

Soldan International Studies High School:

- International Business
- Computer Programming and Logic
- Project Lead the Way (Biomedical Sciences)

Roosevelt High School:

- Fashion Design and Merchandising
- Construction Trades
- Radio and Television
- Marketing

McKinley CJA:

- Project Lead the Way (Gateway to Technology)

*Various business courses offered at locations district-wide:

- Accounting
- Computer Applications
- Advanced Computer Applications
- Desktop Publishing/Web Design
- Entrepreneurship/E-business

CTE Additional Offerings:

- Dual Enrollment Programs:
- Ranken Technical College
- St. Louis Police and Firefighter Training Program
- Pre-Kindergarten - 8th Grade Career Programs

Advisory Boards & Internships

- ▶ Monsanto
- ▶ Washington University
- ▶ St. Louis University
- ▶ St. Louis Community College
- ▶ BJC Healthcare
- ▶ Enterprise
- ▶ Wells Fargo Advisors
- ▶ Ford Hotel Supply
- ▶ St. Louis Convention & Visitors Commission
- ▶ Habitat for Humanity
- ▶ Maggiano's
- ▶ Express-Scripts
- ▶ Edward Jones
- ▶ St. Louis Community Credit Union
- ▶ Kingsbury Animal Hospital
- ▶ University of Missouri, St. Louis
- ▶ United States District Court, Eastern Missouri
- ▶ St. Louis Science Center
- ▶ Missouri Botanical Garden

Articulation Agreements

- ▶ *Articulation agreement: permits students to earn college credit in career and technical education (CTE) programs at the high school level.*
- ▶ St. Petersburg College, FL – Veterinary Science
- ▶ Linn State Technical College – Aviation
- ▶ Southern Illinois University – Aviation
- ▶ St. Louis Community College – Hospitality and Tourism
- ▶ St. Louis Community College – Culinary Arts
- ▶ Stevens Institute of Business & Arts – Business Management



St. Louis Police and Firefighter Training Dual Enrollment Program

- ▶ History (grade 11 & 12 eligible): Program provides an awareness of careers in Public Safety

YEAR	Applied	Accepted	Finished	Summer EMT	Reading assistance
2006-2007	57	32	14	3	yes
2007-2008	48	13	8	0	yes
2008-2009	63	26 with 3 2 nd year	13	0	yes
2009-2010	45	21 with 5 2 nd year	5	3	no: 1 failed
2010-2011	60	18	10	0	no: 7 failed

- NOTE: Students must score a grade level 10 on the reading portion of the Accuplacer to receive college credit. Students may participate in the program without meeting this requirement, but do not receive the college credit, only high school credit.



St. Louis Police and Firefighter Training Dual Enrollment Program

Costs (2010-2011)

- Approximate cost per student is \$1215.00 (includes tuition, books, uniforms, bus passes)
- Extra Service Hours for High School Counselor – approx. 64 hours/\$1700
- SLPS Hosts the Orientation Parent Meeting, \$400.00
- Brochure Printing and Recruitment Mailing, \$1725.00
- Optional EMT summer training to qualified students – \$1200/student
- **Estimated total cost: \$17,000.00**
- **Additional comments :** For 2011-2012, over 150 students & parents attended the Recruitment Meeting in April. Applications are currently being reviewed. Plans are underway to have a summer reading class to prepare for successful placement test scores.
- Must be 21 to be eligible for Police 18 for Fire Academy – 1 enrolled, to date.
- Partners: St. Louis Community College, St. Louis Fire Department, St. Louis Metropolitan Police Department

Ranken Dual Enrollment Program

- ▶ History (grade 12 second semester) : Programs include HVAC, Automotive, and Industrial Technology

Year	Applications	Accepted	Finished	Continue @ Ranken
08-09 5 schools	12	1	1	0
09-10 5 schools	40	10	9	1
10-11 all schools	80	12	5	4
11-12 all schools	Fall all Ranken programs			

- NOTE: Students must pass the COMPASS placement test to be accepted into this program.



Ranken Dual Enrollment Program

▶ Costs (2010–2011)

- Average tuition cost per student is \$4363.00, varies depending on program
- Students are transported to Ranken by taxicab and receive bus passes to go home. Approximate annual cost per student is \$1350.00
- Informational Flyer printing and Recruitment mailing, about \$1100.00
- Estimated total cost: \$30, 500.00

Program Planning

- ▶ Increase student enrollment in career and technical education courses
2010-2011 = 2,500 students in CTE courses
- ▶ Increase school participation in Project Lead The Way (PLTW) Engineering and Biomedical Sciences Programs
Current participants: Gateway IT, Soldan IS, Carnahan, Miller Career Academy, McKinley CJA
- ▶ Seek dual credit agreements & certifications for all programs
- ▶ Dual credit discussions in progress:
 - St. Louis Community College
 - Linn State Technical College
 - Ranken Technical College

Work closely with the District's new Regional CTE Advisory Board



Career and Technical Education Partnerships

- ▶ Questions?