
*Integrating STEM Activities on Campus
to Enhance STEM Programs at City
Tech*

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What is a Learning Community?

- “learning communities are attractive because they address, in a myriad of ways, issues of curricular coherence, civic leadership, student retention, active learning, educational reform, and faculty development.” (Gabelnick, Matthews y Smith)

Examples of Learning Communities

Fall 2009

BIO 1101	7912	M,W	1-2:15	Alcendor
BIO 1101L	7930	M	10-12:30	Arrigoni-Restrepo
ENG 1101	5377	M,W	2:30-3:45	R. Lebowitz
BIO 1101	7912	M,W	1-2:15	Alcendor
BIO 1101L	7940	W	10:00-12:30	Alcendor
ENG 092W	5292	M,W	2:30-3:45	Rodgers
BIO 1101	7917	T,F	1-2:15	Arrigoni-Restrepo
BIO 1101L	7961	T	2:30-5:00	W. Samarrai
MAT 1175	5142	M,W	2-3:40	J. Reitz
BIO 1101	7917	T,F	1:00-2:15	Arrigoni-Restrepo
BIO 1101L	7947	TH	10-12:30	W. Samarrai
MAT 1175	5102	M, W	8-9:40	A. Douglas

MAT 1175	5383	T,TH	10-11:40	L. Ghezzi
ENG 1101	5124	T,TH	2:30-3:45	M. Noonan
MAT 1175	5116	M. W	10:00-11:40	A. Douglas
ENG 092W	5284	M. W	1:00-2:15	C. Hirsch
MAT 0650	5056	T,TH	2:00:30-3:45	N. Benakli
ENG 092W	5294	T,TH	10:30-12:35	Barlow
CST 1101	7208	M,W	12:00-1:40	C. Cabo
CST 1100	7200	M,W	10:00-11:40	E. Milonas
ENG 1101	5357	T,TH	11:30-12:45	Lansiquot
CST 1100	7201	T,TH	10:00-11:40	J. Ebbbers
MAT 1175	5109	T,TH	8:00-9:40	N. Benakli
PHYS 1433	8704	T,TH	8:00-9:40	G. Ossola
PHYS 1433L	8723	T	12:00-1:40	G. Ossola
MAT1375	6572	T,TH	10-11:40	E. Rojas

Professional Development

- Learning Strategies
 - Collaborative Work
 - Learning Styles
 - Assessment in the Classroom
 - Integration of language (oral & written) in the discipline and between disciplines
 - Reading Assignment
 - Interdisciplinary integration (contextualize)
 - Soft Competencies

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- What are the necessary conditions to promote student success?
 - Fundamental Competencies
 - Responsibility
 - Honesty
 - Collaborative work
 - Leadership
 - Emotional competencies
 - Listening
 - Respect
 - Language: written and oral
 - Information Literacy
 - Social and citizenship responsibilities
 - Decision makers
 - Problem solving
 - Deductive and Inductive reasoning

Curriculum Coherence

- Collaborative Work
 - Design
 - Planning
 - Implementation
 - Evaluation

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- For me, the very best part of this institute was the time I spent working with my fellow City Tech Faculty members. It was an enormously valuable investment of time, because it brought me into contact with various ways of thinking about the world, about scholarships, and about City Tech itself. (Matthew Gold)
 - Both times that I have participated, I have found this experience so inspiring. Teaching can be solitary, and in addition to the very specific strategies and ideas covered, it is great to work with, talk with and share the excitement and ideas of fellow teachers. After a draining semester, this has been re-invigorating. I think I might be ready to face the summer session. Thanks for everything. (Jonas Reitz)

Reflexión

- Does being an expert in the subject matter qualify one as an effective educator?