

*Instinct2*

INformatics -  
STEMing  
Into  
New  
Careers for  
Today and  
Tomorrow



# CI Emphasis and Certifications

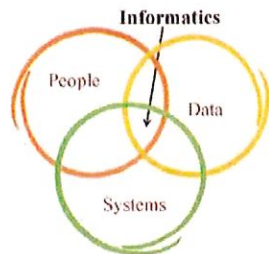
- System Administration
- Software Development/  
Information Management
- Digital Design
- Cyber Operations

Certification	Course[s] Required
Comptia A+ [hardware and software, 2 exams]	CIS 170
Comptia Security +	CIS 275
Cisco CCENT	CIS 270+CIS 272
Microsoft Exam 70-697, Configuring Windows Devices	CIS 260
Administering Microsoft Windows Server 2012 /R2, Exam 70-411	CIS 271



# Instinct<sup>2</sup>

INFORMATICS -  
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## Informatics (CIP code: 11.0104):

The science of gathering, manipulating, storing, retrieving, and classifying recorded information using the upper layers of computer science, emphasis on computing in context, and strong base of theoretical and practical interdisciplinary experience.

**Authorizing Legislation:** Title III, part F, Section 371 of the Higher Education Act; only 2 Arizona Awards

**Instinct2 Grant (2016-2021) Total project budget** = \$5,955,854.

**Location:** San Luis Middle School Arizona Western Learning Center

**Goal 1: Increase Associate & Baccalaureate degree completions among Hispanic & low-income students in STEM-related fields by strengthening Informatics program infrastructure & curriculum.**

**Goal 2: Increase the number and percentage of target students transferring to 4-year institutions in STEM-related fields through development of model transfer/ articulation agreement programs with UAS.**

Initiative #1: Curriculum Development & Design Enhancement

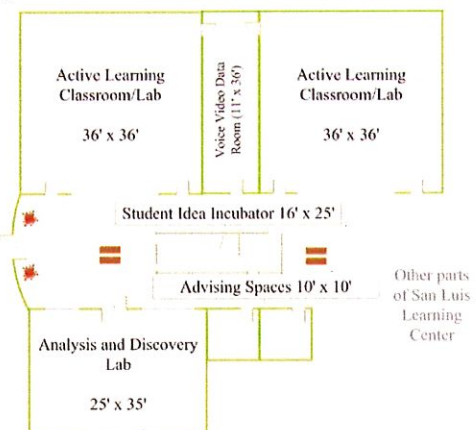
Initiative #2: Student Supports

Initiative #3: Outreach & Advising Support

Initiative #4: Infrastructure/ Technology

Initiative #5: Articulation/ Transfer Models

**Personnel:** Project Director, STEM Advisor/Outreach Coordinator, Learning Articulation/Activities Coordinator, Informatics Faculty, Project Assistant, User Support Administrator, Supplemental Instruction Leader, Technology Assistant, UAS Informatics Faculty, UAS Transitional Resiliency Adjunct Instructor.



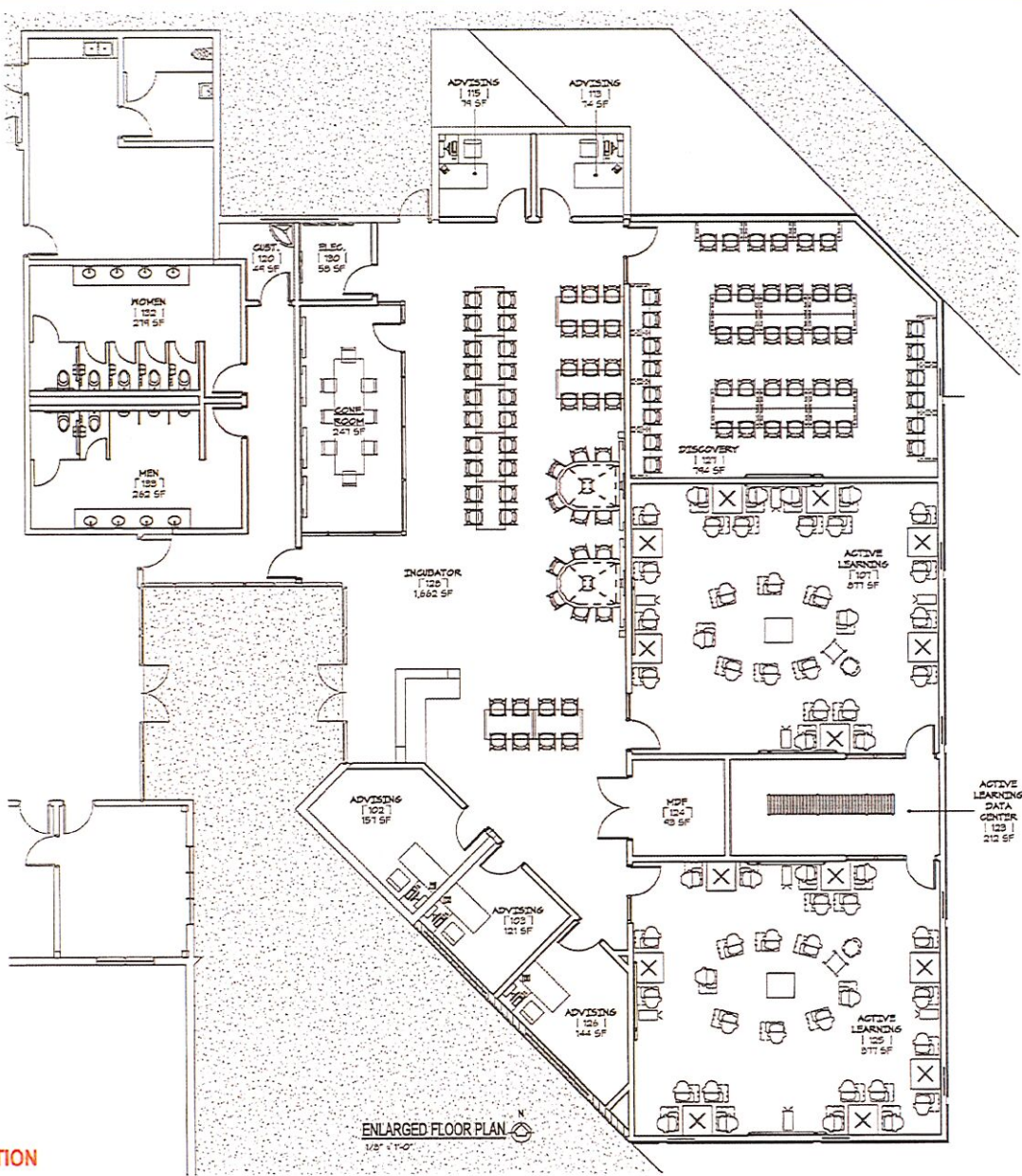
Other parts of San Luis Learning Center

## INSTINCT 2

DEVELOP A 75/45 BAS PROGRAM THAT ESTABLISHES MULTIPLE PATHS TO AN INFORMATICS BAS DEGREE.

## UAS Bachelor of Applied Science Degree Emphasis:

- System Administration
- Software Development
- Cyber Operations
- Digital Design



**SAN LUIS MIDDLE SCHOOL ADDITION**  
 ARIZONA WESTERN COLLEGE

ENLARGED FLOOR PLAN  
 1/8" = 1'-0"