Planning Successful STEM Transfer and Articulation Summits

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Welcome and Introductions

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Commonwealth Alliance for Information Technology Education (CAITE)  http://www.caite.org

Expanding Computing Education Pathways (ECEP)
http://www.ecepalliance.org
Welcome and Introductions

- Name
- Institution
- Role in the transfer process
- Attending this session because…
Purpose and Goals

Learn the steps and benefits involved in planning a successful STEM Transfer & Articulation Summit and how you can adopt the strategy at your institution/region/state.
What is unique about STEM?

- National focus on increasing number of graduates
- Workforce demands in STEM fields
- Math and Science requirements
- Progression and sequence of courses
- CS: newer field, curriculum changes more often
Challenges

STEM students transferring from 2-year to 4-year degree programs often face several obstacles

- Lack of advice on preparing for transfer
- Lack of program alignment
- Lack of identified course equivalencies
- Lack of credits that count towards a degree program
Articulation and Transfer Summits

- Planning and steps
- Impacts
- Group work
- Implementation examples
Planning and Steps

• Important background data to gather beforehand

  – Inventory STEM degree programs by institution and type of degree

  – Identify feeder schools

  – Data on volume of STEM transfer students and which institutions they transfer between

  – Existing statewide, regional and institutional transfer policies

  – Inventory existing STEM articulation and transfer agreements
Planning and Steps

- Identify key participants in the transfer decision making process
- Develop agenda tailored to mix of institutions and general goals
- Meeting and teamwork strategies
- Present various strategies for transfer pathways
- Report back on group discussions
- Identify next steps, develop a plan
Cumulative Transfer Agreements and Articulation Summits

- Agreements
- Summits

CAITE begins
Community College Transfers to the 4 UMass Campuses

- UM1
- UM2
- UM3
- UM4
- UM4-IT
**Impacts**

*What was the most important outcome of your attendance?*

- *Meeting with other schools to better align transfer requirements*
- *Connections with people who I need to work with and setting aside time to meet*
- *Networking and information availability*
- *Working together so courses will transfer as requirements instead of electives*
Implementation Examples

- **Statewide**
  - CAITE, BATEC

- **Regional**
  - Central MA, State Univ. and Community Colleges
  - ECEP, Atlanta, GA

- **Institution**
  - UMass Campus and local Community College
  - Private College and local Community Colleges
Group work

- Identify goals and desired outcomes
- Identify scope (institution, region, statewide and which majors)
- Identify who should attend and roles
Group work discussion

• Report back on how to implement at your institution, region, state

  – Discuss ideas
  – Strategies
  – Challenges
Wrap-up

- Strategies for sustaining working relationships
- Resources and best practices
- Questions
- Contact information
Strategies for sustaining working relationships and disseminating information

• Summits and transfer meetings

• Community College Day

• Open house for CC students, faculty, staff

• On Campus outreach and recruiting

• Research opportunities for community college faculty and students
Resources and best practices

• CAITE and ECEP websites

• Community College Day

• Roadmaps to Transfer

• Reverse Transfer

• Learning Outcomes

www.CAITE.org/educators/transfer.html
Questions
Contact information

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