

**COMMUNITY
COLLEGES**
IN THE EVOLVING
**STEM EDUCATION
LANDSCAPE**
Summary of a Summit

Steve Olson and Jay B. Labov, *Rapporteurs*

Planning Committee on Evolving Relationships and Dynamics Between
Two- and Four-Year Colleges and Universities

Board on Higher Education and Workforce

Division on Policy and Global Affairs

Board on Life Sciences

Division on Earth and Life Studies

Board on Science Education

Teacher Advisory Council

Division of Behavioral and Social Sciences and Education

Engineering Education Program Office

National Academy of Engineering

NATIONAL RESEARCH COUNCIL AND
NATIONAL ACADEMY OF ENGINEERING

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Community Colleges In The Evolving STEM Education Landscape

Author :National Academy of Engineering National Research Council Policy and Global Affairs Division on Earth and Life Studies Division of Behavioral and Social Sciences and Education Teacher Advisory Council DBASSE Board on Science Education DBASSE Boar / **Category** :Education / **Total Pages** : 156 pages



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Summary : Free community colleges in the evolving stem education landscape pdf download - the national research council nrc and national academy of engineering nae have released a new report community colleges in the evolving stem education landscape summary of a summit based on a national summit that was supported by the national science foundation and organized by the nrc and the nae the report highlights the importance of community colleges especially in emerging areas of stem sciene technology engineering and mathematics and preparation of the stem workforce community colleges are also essential in accommodating growing numbers of students and in retraining displaced workers in skills needed in the new economy community colleges in the evolving stem education landscape summary of a summit looks at the changing and evolving relationships between community colleges and four-year institutions with a focus on partnerships and articulation processes that can facilitate student success in stem expanding participation of students from historically underrepresented populations in undergraduate stem education and how subjects such as mathematics can serve as gateways or barriers to college completion

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