

Mar 4th, 9:00 AM - 10:30 AM

Cooperative Learning Strategies in Technical Higher Education Programs

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Sulton, James Ed.D., "Cooperative Learning Strategies in Technical Higher Education Programs" (2020). *National Training Aircraft Symposium (NTAS)*. 59.
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Introduction

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Cooperative Learning Strategies in Technical Higher Education Programs

▶ AGENDA

- ▶ WHAT ARE COOPERATIVE LEARNING STRATEGIES (CLS)?
- ▶ THE IMPORTANCE OF CLS IN TECHNICAL HIGHER EDUCATION
- ▶ CHALLENGES WITH IMPLEMENTING CLS
- ▶ STRATEGIES FOR SUCCESS
- ▶ FINAL THOUGHTS



Defining Cooperative Learning Strategies



- ▶ Also known as...
- ▶ Working together
- ▶ Shared goals and ideas
- ▶ Small groups
- ▶ Focused discussion
- ▶ Sense of community
- ▶ Power of brainstorming
- ▶ Intentional interactions

Cooperative Learning in Higher Education

- ▶ Underused
- ▶ Promotes Deep Learning
- ▶ Comprehension of Complex Processes
- ▶ Technical Applications are More Successful
- ▶ Train-the-Trainer



Challenges With Implementing CLS



- ▶ Free Riders (Social Loafers)
- ▶ Leadership Dynamics
- ▶ Uneven Division of Responsibilities
- ▶ Follow Through
- ▶ Learning Siloes

Components of a Successful CLS Activity

- ▶ Positive Interdependence
- ▶ Group Rewards
- ▶ Task Structuring
- ▶ Norms
- ▶ Instructor Engagement
- ▶ Clear Expectations
- ▶ Follow Up Activities



Final Thoughts



Thank you



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