Enhancing Career Readiness with Transferable Skills in Higher Education

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December 3, 2024

Career readiness in higher education has become a critical issue, particularly after the Great Recession, which heightened concerns over graduates' employability. Employers increasingly seek candidates who possess both technical knowledge and transferable skills—such as communication, problem-solving, and teamwork—that are adaptable across various industries.

Unfortunately, traditional methods of teaching these skills are often too generic and disconnected from the specific contexts of students' future careers. A more nuanced and structured approach to teaching transferable skills is necessary to better prepare students for the workforce. A seven-step framework for teaching disciplinary skills can align the curriculum with specific workplace contexts, fostering skills integral to students' future success.

The emphasis on career readiness has intensified, especially as the world of work becomes more dynamic and unpredictable. Higher education institutions are under pressure to ensure that graduates are academically proficient and prepared to navigate complex work environments. Transferable skills can be applied across various job roles and industries, enhancing graduates' employability. These skills include communication, adaptability, teamwork, critical thinking, and problem-solving. Yet, many traditional approaches to teaching these skills still need to be improved. Workshops focusing on generic soft skills are often decontextualized, failing to show students how these abilities are specifically relevant to their chosen fields.

The seven-step framework offers a structured approach to teaching transferable skills within disciplinary contexts to address this gap. This framework encourages faculty to be intentional and explicit about the skills they want students to develop, modeling their application in real-world scenarios and providing structured opportunities for practice and feedback. Each step can be tailored to the needs of different disciplines, ensuring that the skills taught are relevant and valuable in specific professional settings.

Step 1: Define Skills in Detail
Rather than assuming students know what "communication" or "teamwork" means, faculty should precisely define these skills and relate them to specific tasks in their disciplines. For example, in engineering, teamwork might involve collaborating on complex problem-solving tasks, while in the humanities, it may involve debating and synthesizing diverse perspectives.

Step 2: Contextualize the Skills
Skills should be taught in the context of students' future professions. For instance, a business professor might use case studies to demonstrate how problem-solving applies in high-stakes negotiations. In contrast, a biology professor could focus on teamwork in lab research projects.

Step 3: Model Skill Application
Faculty should demonstrate how these skills are applied in real-world scenarios. This can include role-playing, simulations, or sharing case studies that illustrate the skills in action, thereby bridging the gap between theory and practice.

Step 4: Provide Practice Opportunities
Students should be allowed to apply skills through structured, hands-on learning experiences. These might include group projects, internships, or service-learning opportunities, allowing students to practice skills in a controlled but realistic setting.

Step 5: Offer Continuous Feedback
Feedback is essential for refining skills. Faculty should provide detailed, constructive feedback that helps students understand how they can improve. This could be done through peer evaluations, instructor comments, or self-assessments.

Step 6: Assess Skill Proficiency
Assessment methods should be designed to measure the acquisition and application of transferable skills, not just

academic knowledge. This could involve performance-based assessments, such as project outcomes or presentations, that reflect real-world expectations.

Step 7: Reflect and Iterate
Both students and faculty should regularly reflect on the skill development process. Students should assess their progress, while faculty should review their teaching methods to ensure that skills are effectively taught and learned.

It is crucial to shift away from generic soft skills workshops and toward a more nuanced understanding of transferable skills as discipline-specific competencies. Career readiness is not merely about acquiring abstract abilities; it is about understanding how those abilities manifest in specific fields and how they can be honed to meet industry demands. By adopting a framework like the seven-step approach, higher education can better equip students to succeed in their future careers, making them job-ready and career-ready.

References:

1. Brown, P., Hesketh, A., & Williams, S. (2003). Employability in a knowledge-driven economy. Journal of Education and Work, 16(2), 107–126. https://doi.org/10.1080/1363908032000083202
2. Jackson, D. (2016). Mind the gap: Graduate employability and the "skills gap" in higher education. Education + Training, 58(1), 39–53. https://doi.org/10.1108/ET-05-2015-0055
3. Knight, P. T., & Yorke, M. (2004). Learning, curriculum, and employability in higher education. Routledge.
4. NACE (National Association of Colleges and Employers). (2022). Job Outlook 2022: The Impact of COVID-19 on the Hiring Outlook for Class of 2022. NACE. https://www.naceweb.org
5. Robles, M. M. (2012). Executive perceptions of the top 10

soft skills needed in today's workplace. Business Communication Quarterly, 75(4), 453–465. https://doi.org/10.1177/1080569912460400