

Discussion on curriculum ideological and political of "Textile chemistry" under the background of "new engineering and technical disciplines"

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Abstract: Under the new engineering specialty background, this paper can make students define the important role of "Textile Chemistry" very clearly, especially in solving the problem of textile industry. To meet the demand of social economy development and talent training, the paper is integrated with the course highlights of "Textile Chemistry", the teaching content and methods are well designed by diversified teaching methods such as heuristic method, question and answer method, and osmosis method. The particular example of ideological and political theory can be integrated in the teaching contents, the rich material of ideological and political theory can also be explored, and it can create students' interest of learning and inspire their potential. In the meantime, it has special advantage in bringing up students' innovative consciousness and the sense of mission and responsibility.

Keywords: new engineering and technical disciplines; curriculum ideological and political; osmosis teaching method

“新工科”背景下“纺织化学”课程思政教学探讨

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摘 要: 本文在新工科背景下,立足经济社会发展需求和人才培养目标,结合纺织工程专业基础课“纺织化学”的课程特点,通过对教学课程中部分教学内容的教学环节、方法和内容等方面进行设计,采用多元化的教学方法,如启发式、问答式、渗透式等,让学生充分明确“纺织化学”课程对解决纺织领域问题的重要作用。利用几个思政元素与教学内容融入的实例,发掘教学内容中丰富的课程思政元素,激发学生对课程的学习兴趣和潜能,培养学生的创新意识,提升学生的使命感和责任感。

关键词: 新工科;课程思政;渗透式教学

1 引言

基于国家战略发展新需求、国际竞争新形势、立德树人新要求,近年来我国提出了新工科、“互联网+”“中国制造 2025”等一系列关系国家发展的重大举措,对新时期的人才数量和素质也提出了更高的要求^[1-2]。在这种形势下,我国纺织工程专业高等教育也面临着经济社会发展的现实要求、新时代内外环境的客观要求以及科技发展的必然要求,因此必须加速转型,加快实现以

新工科为目标对传统纺织工程专业进行升级改造,满足新经济对高层次人才培养的需求,助力经济转型升级和产业高质量发展^[3]。

新工科的内涵主要为:以立德树人为引导,学校以培养具备多元化能力和创新精神的卓越工程人才为目标^[4]。因此,“新工科”背景下的工科专业有着极其强烈的课程思政教育需求,新工科的发展离不开思想政治理论课和专业课的教学改革,课程思政是落实立德树人的根本所在。工科专业课程的学习内容专业性强,学生在学习掌握专业知识的同时,如何把思政元素润物无声