



潭子藝術校區

# 大明校訊

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## 跨領域學習，多面向思考 ——談T型人才的特質

校長 宋一芬

「人生就是不斷嘗試，嘗試愈多，做得愈好。」是哲學家愛默生所言。學習的旅程中，我們尋找自己最有興趣的領域、專攻此領域，然而到了某種專精的程度之後，是否就此停滯呢？或者如愛默生先生所說，向外延伸去做更多的嘗試，跨領域學習，並且以此擴展成為自己的第二、第三專長。在科技與知識共存共享的時代裡，創意與想法不再只侷限於少數人之中。如今，每日無不有創新的發明在各處進行著，許多人從單一領域的「專才」，轉變為具有第二、第三專長的人才，更有兼具精深與廣博知識於一身的「T型人才」。

何謂T型人才？T型人才具有什麼特質？它其實是以知識結構區分出來的一種人才類型。「一」表示具有廣博的知識層面，「|」則是具有精深的專業知識，T型人才具備了向下扎根的專業知識，也擁有廣泛的一般性知識修養，結合這兩種專長特質，使得T型人才在各種思維上，都具有跨界整合的概念，也具備了專業領域的獨特看法。台灣藝術家董承濂就是一個例子，他的作品創作形式沒有限定，以跨領域材質呈現，並且運用物理概念，結合精緻的手工，來呈現作品的意象。在2012年，董承濂獲得美國國家美術館評選為四十歲以下優秀未來工藝作者的殊榮。他曾經表示，小時候父母安排他學習多種才藝，例如：游泳、書法、小提琴、英文……等，不僅讓他探索興趣，也在他日後的創作之中，培養了一定程度的敏銳度以及美感，造就他穩定地走在藝術創作的路上。

同學們，你是否發現了董承濂先生身上，有一股「不推卻、多元、多面向」的學習態度？或許你沒有像他一樣的際遇，但是，你能夠決定自己是否擁有一顆好學、熱情的心。董承濂適時地抓住學習的機會以及資源，一顆願意的心，造就了他未來在創作上多面向的思維，使得創作意象日新又新，而這份涵容知識的學習態度，為他帶來了心境上、人脈上、生活經驗上的種種擴展，這樣的擴展，又能帶來新的經驗與學習，成為學習的良性循環。

在大明高中，我們有培養學科導向的高中部，也有技能導向的高職部。兩種學制，各有其特色與方向。三年所學，不僅止於興趣，更是一種專業的培養，期盼同學們在自己心儀的領域之中，向下扎根；三年的環境孕育，願你也看見自己所屬的科別之外，在學校裡其他科別的專業所在，能尊重各種專業，也能漸漸向外探索更多領域，擁有完備的生活知識涵養。使你在未來的學習路程中擁有多元的思維，創造非凡的生活經驗，在此列出幾項態度來期勉同學們：

- 一、好奇就是力量，求知若渴，虛心若愚。
- 二、擁有一顆願意的心，投入多面向的學習環境。
- 三、設身處地以不同角度思考，學會與差異共處。
- 四、嘗試走進多元文化場域，開闊思維與眼界。
- 五、透過跨領域專長整合，成就獨創。

## Interdisciplinary Learning, Multifaceted Thinking -- The Characteristics of T-talents

Ralph Waldo Emerson, a philosopher, once said: 'Life is a constant process of trying; the more you try, the better will you do.'

In the journey of learning, you look for a field that best interests you and then focus on it. Yet, after gaining certain proficiency, will you just stop and stay at where you are? Or, will you, like Emerson said, extend yourself into further trying such as interdisciplinary learning, and develop it into your second or third profession?

In a time of easy access to technology and to knowledge, innovations and ideas are no longer restricted to few persons.

Now, there is nowhere and no time that are without innovative inventions going on.

Many uni-professional 'talents' have grown into multi-professional 'talents', or into 'T-talents' whose knowledge pool is both extensive and profound.

What is a 'T-talent'? What characteristics do they possess? It is actually a kind of talent by its knowledge structure. '一' represents an extensive extent of knowledge, while '|' means having profound professional knowledge. A T-talent possesses not only professional knowledge but also general knowledge. Combining the two enables a T-talent to possess concepts of integration across fields, and visions specific to certain professions as well.

Taiwanese artist Nick Dong (Dong Cheng Lian) can serve as an example.

There is no limit to his forms of creation. He made use of cross-field materials as well as physical conceptions, together with his delicate handwork, to present his art.

In 2012, Dong Cheng Lian was honored by the (American) National Gallery of Art as an outstanding emerging artist under the age of 40.

According to Dong, in his childhood, his parents arranged him to learn many things, such as swimming, Chinese calligraphy, violin, English language, etc. This not only led him to explore his interests, but also gave him a certain sphere of sensitivity and aesthetics for his art creations latter on, helping to pave a stable way for his art creating career.

So, my students; have you found in Mr. Dong a learning attitude that is 'multifaceted, diversified, and not retreating?'

Probably you are not as fortunate as Dong has been, but you can decide for yourself whether to be hardworking and enthusiastic or not.

Mr. Dong had properly grasped opportunities and resources for learning, and a willing mind had given him the multifaceted thinking for his latter creations, and had constantly refreshed his creative thinking. This receptive-to-knowledge learning attitude

had enabled him to broaden his mind, life experience, and social connections. An expansion like this can bring further experience and learning, and will become a virtuous cycle of learning.

At Ta Ming High School, we have a high school division that is knowledge subject-oriented, and we also have a vocational division that is skill training-oriented. Each of these two divisions has its own features and directions.

Three years' schooling is more about developing one's specialties than about fulfilling one's interests. So, sincerely expect you students all to solidify yourselves in your preferred areas. And, in the three years, in addition to your own area, may you also notice the professions of other areas and appreciate various specialties and, furthermore, gradually stretch into other areas, so as to make your knowledge pool extensive.

To have a multifaceted thinking for your learning from now on, you are encouraged to practice the following:

1. Curiosity is power; be always hungry to knowledge; be always humble to learn.
2. Maintain a willing mind; get into multifaceted learning environments.
3. Think from alternate angles; learn to live with differences.
4. Get into multi-cultural fields; broaden your thinking and vision.
5. Innovate uniquely by cross-field integration of specialties.