# Dartfish Certified Technologist
## Thesis Requirements

Dartfish Certified Technologist is a designation awarded to successful candidates who demonstrate proficiency in all areas of Dartfish technology – software, apps, Dartfish.tv.

To become a Dartfish Certified Technologist, practical elements must be completed by the applicant along with coursework. Submission of the following projects constitute the thesis:
- Mediabook
- Analysis Recording
- SimulCam and StroMotion
- Tagging project
- Dartfish.tv Channel Admin
- Apps

Each element is judged according to the criteria described below. The applicant must pass all elements of each test. Each element will be assessed as *Excellent, Pass* or *Fail*.

The DCT candidate will be given access to 60-day Premium Dartfish.tv channel, to which all projects will be posted. Candidate will also use the channel to show basic channel Administration capability.

Candidate is required to use Dartfish Team Pro software; a demo license will be provided if needed.

## 1. MEDIABOOK

By creating a Mediabook from an analysis, you will demonstrate your ability to effectively analyze with help from Dartfish software. Your goal for this test is to create a Mediabook, which illustrates a technique/behavior of your choice from your sport or discipline.

Your submission will be assessed by the following criteria:

### Video Content
· Original video clip(s) filmed by candidate. Select the activity you feel most comfortable analyzing.

· Library and television footage should not be used, but may be used for comparison or to reference your video.

· Camera is positioned appropriately to best illustrate the chosen technique/behavior/activity.

· Are the video images clear and appropriate for analysis? Camera settings such as focus and exposure should be appropriate to avoid blurring.

· A tripod has been used.

*We appreciate that filming does not always take place in the ideal conditions of a television studio! We are judging your video content on whether it fits its purpose. When high quality images have not been*

*possible, you should explain your choice of video clips in the Storyboard notes, however you have a better chance of influencing the examiner by providing good quality images!*

## Key Positions

The Mediabook will include appropriate Key Positions and notes to explain your observations. Although the analysis of moving images is of course invaluable, it is also important to use Key Positions to view static moments within a movement or to bookmark the start of important sections of video. Your analysis should include enhanced Key Positions.

## Notes / Comments

Explanatory key position notes are included. You should have at least five to ten annotated key positions. This is your chance to show off your teaching/coaching ability and your understanding of your discipline.

## Drawings

· Drawings should be included in the analysis. Include *at least one* at each key position that emphasizes the area of concern at that key position.

· Drawings should be added to video or screen or Key Positions depending on the purpose of the drawing. The analysis will benefit from the addition of lines, arrows, text labels etc. to highlight points being made in the notes.

## Publishing

· Your Mediabook will be published to your private Dartfish.tv channel. Each DCT candidate will be given a 60-day channel as part of the course fee.


## 2. ANALYSIS RECORDER

By creating an Analysis Recording you can share analysis in a different way, using a regular video format that will play in most computers' media players. In this particular task you can demonstrate your ability **to compare 2 video clips** with help from Dartfish software. Your goal in this test is to create an Analysis Recorder voice over video, which illustrates a side-by-side
comparison of 2 videos. For the comparison you can use 2 different subjects or the same subject at 2 different instances.


## Analysis Recorder Outcome

· The video should be embedded with your own voice-over comments.

· The reference will illustrate the correct, incorrect or an alternative way of performing the skill. Your choice as appropriate to your analysis.

· The clips will be synchronized and the Analysis Recorder video will last between 20-50 seconds.

· You can use television or library footage for your reference comparison clip.

Publishing
· Analysis Recorder video will be uploaded to your private Dartfish.tv channel.

## 3. SIMULCAM and STROMOTION

By creating Stromotion and Simulcam video clips you will demonstrate your ability to analyze or create unique instructional resources, using Dartfish's advanced analysis features. Your goal in this test is to create a Simulcam and Stromotion video clip, which demonstrates appropriate filming and choice of method.

Your Stromotion and Simulcam video clip submissions will be assessed by the following criteria:

Method
The appropriate Dartfish module to be used. You need only submit one Simulcam clip and one Stromotion clip


Video Content
· Original video clip(s) will be filmed by yourself. Library and television footage should not be used.
· Exposure/shutter speed settings and camera movement are suitable to ensure good results.
· A tripod has been used.
*We appreciate that filming of sport does not always take place in the ideal conditions of a television studio! We are judging your video content on whether it is fit for purpose. When high quality images have not been possible, you should explain your choice of video clip in the video notes (video properties setting) however you have a better chance of influencing the examiner by providing good quality images!*

Publishing
SimulCam and StroMotion clips will be posted to your private Dartfish.tv channel.


## 4. TAGGING

By tagging a 10 minute video clip you can demonstrate your ability to create a unique tagging panel and show how to sort and to search using Dartfish's tagging module.

Method
- Build a simple tagging for your chosen activity that incorporates the following elements:
  o Event button/s and/or Continuous Even button's
  o Keywords and/or Persistent Keywords that describe Events

- o   Correct use of Layout Containers (tab group boxes, group boxes)
- o   Correct use of Categories function (grouping of Events or Keywords)
- o   Correct use of Trigger function
- Film 10 minutes of the chosen activity and then tag at least 20 events in 3 categories using the panel you have created
- Export events to a CSV

## Video Content
Original video clips *or* game footage must be obtained by permission. Be sure that the tripod location is suitable for the subject view.

## Publishing
*Publish Highlights* to dartfish.tv. Include the unique tagging panel and the CSV as attachments during upload to your Dartfish.tv channel.

## 5.  DARTFISH.tv ADMINISTRATION

The DCT candidate will demonstrate a basic knowledge of Dartfish.tv channel administration.

## Method
The DCT candidate will be provided a temporary 60-day channel as part of the course fee.  All thesis work should be published during this timeframe.  Extensions will be considered, but candidate will cover the costs of channel extension.

## Content
Basic set-up of a Dartfish Premium channel
- Customize look and feel - Create and add a custom background to channel
- Change settings: Create a custom URL for channel
- Add channel description and keywords
- Personal collection settings – create custom message that will be sent out to members
- Manage collections: Create a private, public and limited access collection:
    - o   Technical Analysis Collection (private) – Mediabook and Analysis Recorder project
    - o   Match Analysis Collection (private) – Tagging project
    - o   StroMotion Collection (public)
    - o   SimulCam Collection (limited access)
- Manage members: Add members (single, bulk)
    - o   Create Personal Collection for each member
    - o   Share a private and limited access collection with members (in addition to personal collection) – member list to be provided
- Manage content on channel: Move and duplicate content, assign keywords

## CONTINUING EDUCATION

In order to keep current with the technology, annual continuing education is required in order to keep DCT certification valid.

For further DCT information, please contact Warren.Pretorius@dartfish.com