



**Bachelor of Technology
in
Film and Television Production
Technology**

Student Handbook

**Faculty of Industrial and Vocational Technology
University of Vocational Technology**

March 2015

Rationale for the Manufacturing Degree:

Bachelor of Technology Degree in Film and Television Production Technology is an education pathway to audiovisual/ creative industries and globally social change strategy. This incorporates an educational approach into most popular entertainments and their content in order to increase skills, elevate knowledge, create favorable attitudes and ultimately motivate workforce be socially responsible in their own lives towards the human society.

As a means of raising awareness of social issues and having a positive impact on changing culture and society, Film and Television Production Technology Studies has been receiving aggregate attention universally since the 1950's in the scientific and media industries as well as academic communities.

It is extensively known that visual oriented storytelling is developing only on technological platform laid by and advanced technical skillful employment could be graduated with B. Tech Degree in Film and Television Production Technology at University of Vocational Technology.

Admission Requirements:

- i. NVQ level 5 or equivalent qualification in the field of Film and Television Production and Technology
or
- ii. NVQ level 5 or equivalent qualification in the field of Electronics
or
- iii. National Diploma in Video Production Technology awarded by the University of Vocational Technology
or
- iv. National Diploma in Non-Linear Editing awarded by the University of Vocational Technology

Exemptions may be granted in relevant modules after a proper evaluation for those who have NVQ level 6 or equivalent qualifications. Preference will be given to those applicants having post diploma industrial experience of at least one year.

Student Selection:

Eligible candidates are required to sit for aptitude test. Selection is done based on the marks obtain by the candidates.

Registration:

Registration is the acceptance of the selected applicant as a student in the University. Prior to registration the applicant is issued with an offer letter for a particular academic programme along with a voucher to pay the relevant course fee, of which following may be the constituents:

- a) Registration fee – To be paid at the first registration and subsequently at re-registrations
- b) Tuition fee
- c) Facility fee
- d) Library deposit (Refundable)
- e) Library fees (nonrefundable)
- f) Laboratory fee if applicable (nonrefundable)

The letter calling for registration will request the applicant to produce the original documents of the following:

- a) School leaving certificate
- b) National Identity Card or Passport
- c) Birth Certificate
- d) Certificates of all educational qualifications
- e) Documents requested to be obtained from the employer
- f) Any other documents depending on the study programme
- g) Documentary evidence for the payment of the Registration fees, course fees, Library fees, etc.

University has no obligations to refund the above fees in case of a disqualification of an applicant for reasons due to lapse/s from the part of the applicant at the registration stage. The applicant who is duly registered for an academic programme shall become a student of the University and will receive a Student number and a Student Identification Card.

The selected candidate shall personally appear before the registration desk for registration, unless the provision is available for online registration.

Credit system and the Duration:

The course structure is based on module system. Each module has been assigned a Credit Value, depending upon the number of notional hours required to achieve the outcome of the module. Notional hours include directed learning as well as self-directed learning. This system is benchmarked with the European Credit Transfer and Accumulation System (ECTS).

Duration of the degree program is 3 academic years. One academic year consists of two semesters. One semester may consist of 15 weeks for weekday programmes and 22 weekends for weekend programmes. Total notional hours per semester, is 750. A total of 25 notional hours is equal to 01 credit. Total number of credits per semester is 30.

B. Tech Degree in Film and Television Production Technology is a 3 year full time course.

Course Structure:

Module Code:

| | | | | |
|---------|---|----|---|--------------------------------|
| FT10401 | - | FT | - | Department offering the module |
| | | 1 | - | Semester |
| | | 04 | - | Number of Credits |
| | | 01 | - | Serial number of the module |

Module Type:

The degree consists of Compulsory (C) modules, Elective (E) modules and Optional (O) modules. Core compulsory modules and Elective modules designated as GPA modules will be used to calculate the grade point averages.

| | | |
|----|---|------------|
| C | - | Compulsory |
| E | - | Elective |
| O | - | Optional |
| G | - | GPA |
| NG | - | Non GPA |

| Module Code | Module Title | Type | Credits | Year I | | Year II | | Year III | |
|-------------|---|------|---------|--------|------|---------|------|----------|------|
| | | | | S-I | S-II | S-I | S-II | S-I | S-II |
| FT10401 | Film Language and Aesthetics | C/G | 4 | √ | | | | | |
| FT10402 | Basics of Broadcasting Technology | C/G | 4 | √ | | | | | |
| FT10303 | Designing for Screen Production | C/G | 3 | √ | | | | | |
| FT10304 | Elements of Art and Design | C/G | 3 | √ | | | | | |
| FT10405 | Production Management in Screen Production | C/G | 4 | √ | | | | | |
| FT10406 | Sound Designing Technology and Techniques | C/G | 4 | √ | | | | | |
| FT10307 | Techniques of Audio Video Product Development | C/G | 3 | √ | | | | | |
| FT10308 | Basics of Production Designing | C/G | 3 | √ | | | | | |
| FT10309 | Mathematics for Film and Television Technology | C/G | 3 | √ | | | | | |
| LS10308 | Communication Skills I | C/NG | 3 | √ | | | | | |
| FT20401 | Understanding Direction and Director | C/G | 4 | | √ | | | | |
| FT20402 | Online and Offline Editing | C/G | 4 | | √ | | | | |
| FT20303 | Fundamentals of Screenplay Writing | C/G | 3 | | √ | | | | |
| FT20304 | Basics of Technology in Audio Visual Production | C/G | 3 | | √ | | | | |
| FT20305 | Designing 2D Graphics for AV Production | C/G | 3 | | √ | | | | |
| FT20306 | Camera Technology and Techniques | E/G | 3 | | √ | | | | |
| FT20307 | 2D Animation for AV Production | E/G | 3 | | √ | | | | |
| FT20308 | Screen Production Planning Methods | E/G | 3 | | √ | | | | |
| FT20309 | Audio Technology and Techniques in Post- production | E/G | 3 | | √ | | | | |
| FT20310 | Color Correction and Compositing Techniques | C/G | 3 | | √ | | | | |
| FT20411 | Basic Technologies of Lighting and Lighting Techniques | E/G | 4 | | √ | | | | |
| FT20412 | Comprehending 3D Animation In Post-production | E/G | 4 | | √ | | | | |
| LS20308 | Communication Skills II | C/NG | 3 | | √ | | | | |
| FT30401 | Aesthetics of Lighting | C/G | 4 | | | √ | | | |
| FT30402 | Aesthetics of Editing and Advanced Techniques | C/G | 4 | | | √ | | | |
| FT30303 | Screenplay Writing | C/G | 3 | | | √ | | | |
| FT30304 | Production Designing | C/G | 3 | | | √ | | | |
| FT30405 | Advanced Technologies of Digital Cinema and Television | C/G | 4 | | | √ | | | |
| FT30406 | Advanced Cinematography | E/G | 4 | | | √ | | | |
| FT30407 | Advanced Sound Engineering and Designing | E/G | 4 | | | √ | | | |
| FT30308 | Film and Television Theory | C/G | 3 | | | √ | | | |
| FT30309 | News, News Features and Current Affairs in Television | C/G | 3 | | | √ | | | |
| FT30310 | History of Film And Television | E/G | 3 | | | √ | | | |
| FT30311 | Technological Developments of Film and Television | E/G | 3 | | | √ | | | |
| FT30312 | Production of Audio Video Content for New Media | C/G | 3 | | | √ | | | |
| FT40301 | Research Methodology | C/G | 3 | | | | √ | | |
| FT40302 | Advanced Post-production in Cinema | C/G | 3 | | | | √ | | |
| FT40303 | Television Genres | C/G | 3 | | | | √ | | |
| FT40304 | Visual Effects (VFX) | C/G | 3 | | | | √ | | |
| FT40305 | Theorizing of Documentary | C/G | 3 | | | | √ | | |
| FT40306 | Individual Project | C/G | 3 | | | | √ | | |
| FT40307 | Avant Garde and The Popular | C/G | 3 | | | | √ | | |
| FT40308 | Management in Media Industry | C/G | 3 | | | | √ | | |
| FT40409 | Production Aspects and Techniques | C/G | 4 | | | | √ | | |
| FT40310 | Film, Technology and Making meaning | C/G | 3 | | | | √ | | |
| FT40211 | Entrepreneurship Development in Film and Television Trade | C/G | 2 | | | | √ | | |
| FT51401 | Work Based Training | C/G | 14 | | | | | √ | |
| FT60301 | Director And Direction | C | 3 | | | | | | √ |
| FT60302 | Advanced Film Theory | C | 3 | | | | | | √ |
| FT60303 | Group Project | C | 3 | | | | | | √ |
| FT60304 | Media Marketing and Advertising | C | 3 | | | | | | √ |
| FT60305 | Contemporary Trends in Film and Television | C | 3 | | | | | | √ |
| FT60306 | Film, Television and Society | C | 3 | | | | | | √ |
| FT61807 | Final Project | C | 18 | | | | | | √ |
| MS60291 | Occupational Health and Safety | C | 2 | | | | | | |

Opting Streams by Students

The Programme of Study leading to the award of the Bachelor of Technology in Film and Television Production Technology Degree consists of programme modules as specified below.

This Degree programmes offers two streams of specialization. Students who are opting Production Stream has to select the following programme modules;

FT20306, FT20308, FT20411, FT30406, FT30311.

Students who are opting Post-production Stream has to select the following programme module;

FT20307, FT20309, FT20412, FT30407, FT30310.

Work Based/Industrial Training:

Fifth semester of the study programme is dedicated to this component of the degree. Purpose of this module is to enable students to apply competencies required through the academic programme to workplace experiences.

Students studying the degree during weekdays will be placed in various industrial establishments/worksites related to their fields of studying for a period of six months through National Apprentice and Industrial Training Authority (NAITA) under undergraduate in plant training scheme.

Those who are studying during weekends are required to undertake work based training in their places of work, under supervision of a senior officer. Work undertaken during this period should be different from the normal routine work which he/she is supposed to attend in his/her job.

Final Year Project:

Final Year Project (FT61807) may be commenced at the beginning of Semester V and can be carried out during the Semester V and Semester VI.

This module is given in the sixth semester. This is a group project, which provides opportunity for the students to enhance their ability in problem solving, team work and leadership competencies acquired, throughout the undergraduate career.

To successfully complete these module students are expected to design and implement a challenging engineering project applying realistic constraints and engineering standards within a given timeframe and present technical ideas in written and oral form effectively.

Course Assessment System:

The performance of each student in each module will be evaluated by continuous assessments and a semester-end examination.

The weightings assigned for the continuous assessment component and the semester - end examination of a module will be as follows.

- * Continuous Assessment 40% - 70%
- * Semester - End Examination 60% - 30%

- The continuous assessment may consist of assignments, quizzes, laboratory work, practical, tutorials, demonstrations, presentations, projects, oral tests and mid semester tests. Weightings of each of these components used in the determination of the final grade for each module should be clearly conveyed in writing to the students at the commencement of each module along with the outline of the module.
- The students should maintain 80% of attendance and satisfy the requirements specified in each module descriptor to be eligible to sit for the semester-end examination.
- All Candidates should obtain at least 30% of the marks allocated for continuous assessment to get qualified to sit for the semester - end examination.

Grading System and Computation of Grade Point Average (GPA):

A letter grade shall be awarded to each module. The cut-off marks for each grade and the corresponding grade points are given below.

| Grades | Marks | Grade Point |
|---------------|--------------|--------------------|
| A+ | 90 or above | 4.00 |
| A | 80 – 89 | 3.70 |
| B+ | 70 – 79 | 3.30 |
| B | 60 – 69 | 3.00 |
| C+ | 50 – 59 | 2.70 |
| C | 40 – 49 | 2.00 |
| D | 30 – 39 | 1.00 |
| E | 01 – 29 | 0.00 |
| F | 0 | 0.00 |

1. Grade D or above is required to earn credits for a module.
2. A minimum 30% should be obtained from continuous assessment for eligibility to sit for the end semester exam.
3. A minimum requirement of 30% should be obtained from the semester - end Examination in order to obtain a grade D or above for a module.
4. A student satisfying continuous assessment requirements and getting between 1 – 29 marks for the semester end examination receives a symbol as E(ET) while a student getting 0 for the semester end examination receives symbol F(ET). A student satisfying semester end examination requirements and getting between 1 and 29 marks for the continuous assessment receives a symbol as E(CA) a student getting 0 for the continuous assessment receives symbol as F(ET). A student getting between 1 and 29 marks for both the semester end examination & the continuous assessment receives the Grade E while a student getting 0 for both the semester end examination & continuous assessment receives the Grade F. A student must repeat the part of the module examination/complete module examination having Grade E or F & must improve up to Grade D or C. The modules having Grade D are allowed to repeat only when the Semester Grade Point Average (SGPA) of a particular semester is less than 2.00. By repeating only the semester end examination/continuous assessment or both, the Grades F, E or D can be improved only up to a C grade and considered for calculating Grade Point Average (GPA).Repeating continuous assessment or semester end examination is considered as repeating the whole module.

Academic Concession:

Academic Concession may be granted to a student with the approval of the Faculty Board, in the event that a student is unable to sit for the semester-end examination due to illness or other compelling reason. In such instances the student must notify the Dean of the faculty within 48 hours of the cause. Further, the student should make an appeal with supporting documents to the Dean for an Academic Concession within one week from the date of the examination. The continuous assessment component can be carried forward to the next examination as the first attempt.

Semester Grade Point Average (SGPA):

The calculation of the Semester Grade Point Average will be based on the Grade Points earned for all modules registered in a semester (except those awarded with academic concession) weighted according to number of credits. The SGPA is rounded to the nearest second decimal place. The SGPA is reported on transcripts and Statement of Results that may be issued for each semester.

The formula for calculating SGPA is given below.

$$\text{Semester GPA (SGPA)} = \frac{\Sigma (\text{Number of Credits for a semester module} \times \text{Grade point obtained for the module})}{\text{Total number of credits for the Semester}}$$

Final Grade Point Average (FGPA):

The Final Grade Point Average is the absolute academic standing of the student calculated on the basis of SGPA. The FGPA will be calculated using the following formula.

$$\text{Final GPA (FGPA)} = \frac{\Sigma (\text{Semester GPA})}{\text{Number of Semesters}}$$

Unsatisfactory Standing on Academic Performance:

If the student's SGPA falls between 1.99 and 1.50 the student will be placed on Academic Warning.

A student who falls into one of the following categories of the SGPA will not be permitted to register for a new module until the SGPA is upgraded to 2.00 or more.

- i. SGPA < 1.50 in any two semesters
- ii. SGPA < 1.50 in any semester and $1.50 \leq \text{SGPA} < 2.00$ in any two semesters
- iii. $1.50 \leq \text{SGPA} < 2.00$ in any three semesters

Graduation Requirements:

Credit Requirements:

A student should satisfy the following requirements in order to be admitted to the Bachelor of Technology in Film and Television Technology.

- (i) A minimum total of 186 credits from modules specified.
- (ii) A minimum Final Grade Point Average (FGPA) of 2.00
- (iii) Any other mandatory requirement specified by the Academic Council

Key to Final Results (FGPA – Final Grade Point Average):

FGPA

Final Results

| | |
|--------------|---------------|
| 3.7 or Above | First Class |
| 3.30 – 3.69 | Second Upper |
| 2.70 – 3.29 | Second Lower |
| 2.00 – 2.69 | Ordinary Pass |
| Below 2.00 | Incomplete |

Academic Calendar - 2015

Full Time - Week Days

| Month | Duration | | | | | | | | | | | | | | |
|---|----------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|---|---|---|
| | January | February | March | April | May | June | July | August | September | October | November | December | | | |
| Week | 1 | 2 | 3 | 4 | 5 | 1 | 2 | 3 | 4 | 5 | 1 | 2 | 3 | 4 | 5 |
| Exam - S2 (2014/2015) & Exam Board | | | | | | | | | | | | | | | |
| Exam - S4 (2013/2014) & Exam Board | | | | | | | | | | | | | | | |
| Exam - S6 (2011/2014) & Exam Board & Convocation | | | | | | | | | | | | | | | |
| Selection Test - (2015/2016) | | | | | | | | | | | | | | | |
| Industry Training - S5 (2013/2014) | | | | | | | | | | | | | | | |
| Registration (2015 / 2016) | | | | | | | | | | | | | | | |
| New Year Vacation | | | | | | | | | | | | | | | |
| Academic Session - S1 (15/16) & S3 (14/15) | | | | | | | | | | | | | | | |
| Study Leave | | | | | | | | | | | | | | | |
| Exam - S11 (15/16) & S3 (14/15) & Exam Board | | | | | | | | | | | | | | | |
| Vacation | | | | | | | | | | | | | | | |
| Academic Session - S2 (15/16) & S4 (14/15) & S6 (13/14) | | | | | | | | | | | | | | | |

Part Time - Weekend

| Month | Duration | | | | | | | | | | | | | | |
|---|----------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|---|---|---|
| | January | February | March | April | May | June | July | August | September | October | November | December | | | |
| Week | 1 | 2 | 3 | 4 | 5 | 1 | 2 | 3 | 4 | 5 | 1 | 2 | 3 | 4 | 5 |
| Academic Session - S2 (14/15) & S4 (13/14) | | | | | | | | | | | | | | | |
| Study Leave | | | | | | | | | | | | | | | |
| Exam - S2 (14/15) & S4 (13/14) & Exam Board | | | | | | | | | | | | | | | |
| Vacation | | | | | | | | | | | | | | | |
| Academic Session - S3 (14/15) & S5 (13/14) | | | | | | | | | | | | | | | |
| Selection Test - 2015/2016 | | | | | | | | | | | | | | | |
| Registration | | | | | | | | | | | | | | | |
| Foundation | | | | | | | | | | | | | | | |
| New Year Vacation | | | | | | | | | | | | | | | |
| Academic Session - S1 (15/16) | | | | | | | | | | | | | | | |
| Study Leave | | | | | | | | | | | | | | | |
| Exam - S11 (15/16) | | | | | | | | | | | | | | | |
| Academic Session - S2 (15/16) | | | | | | | | | | | | | | | |